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Title word cross-reference

#31415 [KLA⁺22].

5 [BBBB⁺20]. ¹ [RCD21]. *K* [XHTZ20, LS20, SHK⁺21, SYG⁺21]. *n* [MT21c, OO21]. *S*³ [OX22]. *Z* [HZZ20].

***nix** [LCSD20].

-Anonymity [SHK⁺21, LS20]. **-based** [AOA22]. **-HTLC** [MT21c]. **-Means** [XHTZ20].

/102599 [HuRMMW22].

1553 [DMRV21]. **19** [LSN⁺21, SAJP22].

2020 [Ano20a, Ano20b, Ano20c, Ano20o, Ano20r, Ano20q, Ano20s, Ano20t, Ano20u, Ano20v, Ano20p, Ano20w]. **2021** [Ano21a, Ano21b, Ano21c, Ano21p, Ano21r, Ano21q, Ano21s, Ano21t, Ano21u, Ano21v, Ano21w, Ano21y]. **2022** [Ano22a, Ano22b, Ano22k, Ano22l, Ano22n, Ano22m, Ano22o, Ano22p].

5.0 [MVH⁺21]. **5G** [JB21, Mit20, NR22, YM22].

6LoWPAN [ZMQ21].

802.11ah [ZM20].

ABE [SYH⁺22]. **absolute** [ZZJC20]. **abusive** [XWY21]. **AC** [LS21]. **academia** [dVABH20]. **Accelerating** [SMC⁺21]. **Access** [IMN22, AJ20, ABK⁺20, CPT⁺22, CZZ⁺21, DS21, GKC22, LCSD20, LLZJ22, MKC⁺21, SBY⁺22, SU21, WP21, ZLZC22]. **access-control** [WP21]. **access-graph** [DS21]. **Accessible** [FHW22]. **accomplished** [SL20]. **accountability** [TGOF22]. **accountable** [ILB20]. **Accounting** [NCW⁺20]. **Accounts** [CHP21, AAAAS20]. **accuracy** [YFO⁺21]. **accurate** [ADJS21, MGG⁺20]. **Achieve** [YLZ⁺21]. **Achievements** [MAKH21]. **Achieving** [LZL⁺22, LZ20, TLPY21, GZG21]. **Acknowledgement** [Ano21x, Ano22q]. **Acoustic** [GSE20]. **Acquisition** [US20]. **ActID** [SKS21]. **action** [MGZ⁺20]. **actions** [MGTK22]. **active** [ASI⁺20a, ASI⁺20b, DMRV21, LWX⁺22, XYH⁺20, ZT21]. **active-risk** [ASI⁺20a, ASI⁺20b]. **actives** [CYL⁺21]. **activist** [JB22]. **activity** [HG21, LLG21, RT20, SKM21, SKS21]. **Actor** [DANS20]. **ad** [KJR⁺20, MBP20]. **ad-hoc** [KJR⁺20, MBP20]. **Adam** [TCYL21]. **adaptable** [HLZ⁺21]. **Adaptation** [DPSN20, CZPX22]. **adaptive** [CB22a, CPT⁺22, LGH21, XHWL20]. **adding** [HX21]. **address** [SPZ⁺20, WLLS22, ZYH⁺22, ZZJC20]. **ADF** [TLKW20]. **adhoc** [RJ21]. **administration** [SSRK20]. **ADMM** [YWZ20]. **ADOC** [KG20]. **Adopting** [AMM⁺21]. **adoption** [NDDH⁺21]. **ADS** [FL21, LWS⁺20, LWLT21]. **ADS-B** [FL21, LWS⁺20, LWLT21]. **ADSAD** [QMW20b]. **AdStop** [AA22b]. **advanced** [CZPX22, XGL20, ZGNZ21, HZ20b]. **advances** [AKT21, BBA⁺21]. **Adversarial** [MDB⁺20, QMW⁺20a, QZT⁺22, ZHL⁺22, AWJB21, AQAK21, CZCX20, CZX⁺21, DZZ⁺21, DTK⁺21, HMTTC22, HDZ⁺22, HLYZ21, ISM22, LL21a, LWW⁺21, LXZ⁺22, MBGF20, NDPC21, PLW⁺21, SZY⁺22, SYL⁺20, VS22, WYW⁺22, WZZ⁺22, WS21, WTC⁺22, YCCZ21, YS22]. **adversary** [DGH21]. **advertising** [SZL⁺22]. **adware** [AA22b]. **affect** [SHK⁺21, vSRW⁺20]. **affected** [MGTK22]. **affecting** [BCP22]. **affective** [FVF21]. **after** [KN20]. **Against** [CCO⁺20, SYA⁺21, AA20, AWJB21, AQAK21, CGS22, CLS22, DG20, DS20, GMPMS21, HCLRM20, HZX⁺21, HXZ⁺21, HZ20b, HLYZ21, LKA⁺21, LL22b, LX21, LWW⁺21, LXZ⁺22, LJO⁺20, MT21c, QY22, RZ20b, RZW⁺20,

SKG21, Wan21, XHWL20, XHW⁺²², YWWH22, ZNL⁺²⁰, ZCJ⁺²⁰]. **age** [LSN⁺²¹]. **aggregated** [HHL⁺²²]. **Aggregation** [ZJL⁺²⁰, BS20, SVA21]. **Aggregation-based** [ZJL⁺²⁰]. **aggregator** [HYW⁺²⁰]. **agile** [TCJS22, SJH⁺²¹]. **agreement** [NM21]. **Aided** [LZG⁺²²]. **aiding** [Jan22]. **Aiming** [LGJW21]. **air** [CVL22, GSE20]. **air-gapped** [GSE20]. **AIR4ICS** [SJH⁺²¹]. **airborne** [FL21]. **alarm** [AES22]. **ALERT** [DANS20, BS20, IE22, KMH⁺²², MFA20]. **Alerting** [MDR20]. **algorithm** [AA22a, AR21, GSS^{+20b}, HYW⁺²¹, LGL21, TT20, XYH⁺²⁰, XHB⁺²¹, ZGM21, ZZL⁺²², ZHL⁺²⁰]. **algorithm-based** [HYW⁺²¹]. **algorithmic** [MC20]. **algorithmically** [AKCS20]. **algorithms** [GJB22, LS20, MGG⁺²⁰, NJ22, YFO⁺²¹]. **aligning** [PFR20]. **alignment** [DLQ⁺²¹]. **alive** [BTAK21]. **allocation** [ZZW⁺²¹]. **Altering** [GBA22]. **alternate** [WRG⁺²¹]. **always** [BOS⁺²¹]. **Am** [XGS⁺²⁰]. **AMalNet** [PYT20]. **AMI** [KTGDE20]. **amongst** [JQYL22]. **amplification** [IHJZ21]. **amplification-based** [IHJZ21]. **analyses** [MAR22]. **Analysing** [TDM⁺²¹]. **Analysis** [ACG20, CMFUA⁺²⁰, CB22b, DAZ20, GBA22, tBLLV21, AABE20, ASB⁺²¹, BBA⁺²¹, BWB⁺²¹, CDM⁺²⁰, CBFH20, CDN21, DPKHP22, DMB21, FHSQ20, FFPC22, FBL20, GAL^{+20a}, GYL⁺²⁰, HHSL20, HSL20, HLZ⁺²¹, JK21a, KKP22, KM22, KAK21, KMP⁺²⁰, KLA⁺²², KTH20, KIAV22, LSN⁺²¹, LdSP21, LZZ⁺²¹, LFW⁺²², MVH⁺²¹, MSMH21, NH21, NTBH⁺²², NFN⁺²², NDDH⁺²¹, NMCRB21, Onw20, PMF⁺²⁰, QMW20b, RKS20, RGP20, RMS⁺²¹, SCH⁺²⁰, SSHP21, SMvH⁺²¹, SVP21, SDG20, SGVA21, STM⁺²⁰, SSTRD22, TD21, TFP21, TK20, WBN⁺²⁰, WPS20, YZL⁺²⁰, YPWS20, YSM⁺²¹, YP21, ZTD21, ZYH⁺²¹, ZSGB⁺²²]. **analysis-based** [Onw20]. **Analytical** [YZW⁺²⁰]. **analytics** [MWR20, UHK⁺²¹]. **Analyzing** [MB20b, SW22, SS22, ZYL⁺²⁰]. **Android** [AYS20, AES22, ACG20, CLX21, EZLC21, FCSP21, GAL^{+20a}, GCZ21, GB21, GMBN21, HZ20a, JDBB20, KDDM20a, KDDM20b, KMP⁺²⁰, KZY22, LLG21, MSG22, MRSV21, OX22, SGVA21, WPS20, YMR⁺²², ZTD21, ZTY^{+20a}]. **AnForA** [ACG20]. **ANiTW** [ALZ⁺²⁰]. **ANN** [LS21]. **ANN-based** [LS21]. **anomalies** [MBFidD21, SRM22]. **Anomalous** [JQYL22, SG21]. **Anomaly** [DAZ20, KTGDE20, AA22a, BMW21, BTM21, CFZL22, CVL22, CSKD22, EA20, HMS21, LWZ22, LWLT21, MSCJ21, PSP⁺²², QMW20b, RDM20, SLC⁺²¹, YLL⁺²², YLY20, ZHJ⁺²¹]. **Anomaly-based** [KTGDE20, YLL⁺²²]. **Anonymity** [SHK⁺²¹, LS20, XCSZ21, YFO⁺²¹]. **anonymization** [FMA22]. **anonymous** [ABK⁺²⁰, OO21, SJX⁺²⁰, XCSZ21]. **Anti** [MRSV21, GMBV21, GMPMS21, LL21a, NBBS22, SGSS22, WS21, WTC⁺²²]. **anti-forensics** [WS21, WTC⁺²²]. **anti-malware** [GMPMS21, LL21a, NBBS22]. **anti-phishing** [GMBV21]. **Anti-Repackaging** [MRSV21]. **anti-virus** [SGSS22]. **Anticipating** [DGH21]. **AntiTomo** [LXZ⁺²²]. **antiviruses** [BCdGG20, BDC⁺²²]. **API** [AZ20, AZES21, DSN⁺²², LLL^{+22b}, SLBG21, STM⁺²⁰]. **Apícula** [DSN⁺²²]. **Apologize** [MGTK22]. **app**

[FCSP21, LLG20, OMO20a, SLBG21, TTRY20, ZLCA21].
app-in-the-middle [LLG20]. **Applicability** [Les21, FHW22, KEK⁺²¹].
application [DS21, LLL^{+22a}, NMCRB21, RSEK20, Sar21, vdKWH20].
Applications [ACG20, SHL⁺²⁰, CWL⁺²², HZG19, HZG20, LSWR20, RT20, WPS20, ZXZ⁺²⁰, ZTD21, ZTY^{+20a}]. **applies** [ARB20]. **Applying** [AA21a, AMA21]. **appraisals** [VM21]. **Approach** [FEA22, LSXJ22, MAK21, AJ20, AA22a, AAAAS20, AZES21, AMM⁺²¹, BTAK21, CGCY21, DS20, FXL⁺²⁰, GZS⁺²², GL21, HDS21, HZG19, HZG20, HZ20b, IB20, JYS21, JK21a, KKR21, KAM⁺²¹, LFHH22, MBFidD21, MC20, MSP⁺²⁰, MHSK21, OSPP22, RRMSM⁺²⁰, SAA20, STM⁺²⁰, SYL⁺²⁰, TCY⁺²⁰, TZZ⁺²¹, TML⁺²⁰, TCYL21, WNF20, WTW21, WLLS22, WRG⁺²¹, WP21, YWZ20, ZJL⁺²⁰, ZLCA21, ZTD21, ZZL⁺²², ZSGB⁺²², dSFG20].
Approaches [KMG21, SPZ⁺²⁰, WFT22, CSRA22, LSWR20, LX21].
approximate [MBH20, vDK22]. **apps** [GAL^{+20a}, HZ20a, KMP⁺²⁰, vdSFF20b]. **April** [Ano20a, Ano21a, Ano22a].
APT [LdSP21, SGSS22, SHSK20]. **APT-related** [LdSP21]. **Arabian** [ARB20]. **Arabic** [PA20]. **arbitrary** [PTD20]. **Architecture** [SSS⁺²¹, FK22, HAKK21, JE21, LXC⁺²⁰, PRTV22, SMCP21, Tek21, YKG20].
architectures [VAW⁺²⁰]. **area** [DMB21, HAKK21, TLKW20]. **areas** [CZCX20, OAA⁺²²]. **ARM** [CJJ⁺²², FDK⁺²², JK21b]. **ARM-based** [FDK⁺²²]. **art** [KDE20, PLS20, QS22]. **artefacts** [AN21]. **artifacts** [VB20].
artificial [JDBB20, JIG22, Wan21, XYH⁺²⁰]. **ASLR** [Jan22]. **aspect** [SWK20]. **assessed** [KIAV22]. **Assessing** [AVR20, FHW22, KAFDW22, Olu22, SKG21, YCMM20, ZZ20]. **Assessment** [TRM22, BBJ20, DGH21, ESBJ20, GB21, GG22, GKB21, HLL⁺²¹, LKW⁺²⁰, Les21, MYMC20, NDDH⁺²¹, SSHP21, SSRK20, TAES20, US20, WNF20, ZLY⁺²⁰, vdSFF20b, SP20]. **assessments** [SSHP21]. **asset** [SDG20]. **assets** [Ade21, HLL⁺²¹]. **assistance** [STH⁺²²]. **assisted** [DKSS20, FDK⁺²²].
associated [TJ20]. **association** [TW20]. **assured** [TW20]. **Asymmetric** [WNI20]. **asynchronous** [TCYL21]. **attached** [KLA⁺²²]. **Attack** [LLL^{+20b}, MSZ20, PC22, BGL⁺²⁰, CGS22, CZX⁺²¹, DMB21, DGH21, HYW⁺²⁰, HZX⁺²¹, HXZ⁺²¹, KDI21, KL22, LWS⁺²⁰, LWL21, MLM20, MT21c, NH21, OFIdD⁺²⁰, PKK⁺²¹, RJ21, SKG21, SHSK20, TLKW20, Tek21, TD21, WLQ20, WYW⁺²², XHWL20, YKN21, YZL⁺²⁰, ZLY⁺²⁰, ZNL⁺²⁰, ZLY⁺²¹, ZD21]. **attacker** [SS22]. **Attacks** [BBR20, CCO⁺²⁰, HZG19, HZG20, KFS⁺²², SYA⁺²¹, AHC22, AA20, AWJB21, AQAK21, ADC⁺²⁰, AMM⁺²¹, BKPZ21, CMMST22, CLS22, CZG⁺²², DG20, DS20, DZZ⁺²¹, FL21, Gal20b, GMPMS21, GSY⁺²⁰, GSLS21, HMK⁺²⁰, HY21, HMB⁺²¹, HDZ⁺²², HCLRM20, HLYZ21, IHJZ21, JQYL22, JYS21, KJCL20, KKJ⁺²¹, KR21, LSN⁺²¹, LKA⁺²¹, LLL^{+20a}, LX21, LWW⁺²¹, LRH⁺²¹, LHS21, LWZ22, LJO⁺²⁰, LLZJ22, MKC⁺²¹, MAAA20, NBBS22, NJ22, PX21, QMW^{+20a}, QY22, RZ20b, RZW⁺²⁰, SMvH⁺²¹, SYH⁺²², WLC⁺²⁰, Wan21, WYW⁺²², WLLS22, WFY⁺²⁰, XMK21, XGS⁺²⁰, XHW⁺²², YS22, YWWH22, ZHL⁺²², ZCJ⁺²⁰, ZZWF21, ZZ20, dNaJMMFM21]. **attention**

[CZX⁺21, QMW20b, SCW⁺22, XXZ⁺21, YLPZ21, ZLY⁺21, ZGM21].
attention-based [QMW20b]. **attentive** [LLL⁺22a]. **attestation**
 [KFZ⁺20, KFS⁺22, KBC21]. **Attribute**
 [BGL⁺20, AJ20, CZZ⁺21, CNTBG21, DG20, OSTO20, TW20, WLLS22].
attribute-based [AJ20, CZZ⁺21]. **attributed** [SLC⁺21, ZLY⁺21].
attributes [HHZ21, KAM⁺21]. **attribution** [Het21]. **AttriChain** [SJX⁺20].
auction [DG20, VS20]. **auctions** [AN20]. **audio** [VS22]. **Audit**
 [AMNR20, CHJ22, RSW⁺21]. **Auditing**
 [GMPMS21, GPK21, LZS⁺20, TWW21, TSCM21]. **augmentation**
 [AAAAS20, PSP⁺22, TY22]. **August** [Ano20b, Ano21b, Ano22b].
Australian3 [TRH21]. **AuthCODE** [SMCP21]. **authenticated** [LHH⁺20].
Authentication
 [DKSS20, MAKH21, SSS⁺21, AMAA21, AA21b, AK20, ABK⁺20, BF20,
 BBA20, CRS⁺22, FHW22, GG21, JCJ⁺21, KKRP21, KKS⁺22, LZHL20,
 MKL21, OO21, PHH⁺20, RNA22, RGPAF20, SMCP21, SBY⁺22, SCCZ20,
 WZZW20, WHPL21, XHWL20, YM22, YWK⁺22, ZM20, ZMQ21, ZY21].
Authenticity [CQL⁺21]. **authorities** [LSL20]. **Authorizations** [IMN22].
Authorship [BMH20]. **Auto** [AAB22, CVL22, YHZ⁺22, LCZW20].
Auto-Encoder [AAB22, CVL22, YHZ⁺22, LCZW20]. **Autoencoder**
 [HMS21]. **Autoencoder-based** [HMS21]. **autoencoders** [FL21, RDM20].
Automated [ACG20, KLA⁺22, PCR22, AGM20, AOAA20, AMNR20,
 AMM⁺21, DA20, GDK⁺21, JK21a, KG20, OFIdD⁺20, SHSK20, WBNT20].
Automatic [CMFUA⁺20, SDG20, ZQMC20, XWW⁺20]. **Automatically**
 [ZYL⁺20, ZLY⁺21]. **Automating** [MM21, TRM22]. **Automation** [GCS22].
Automator [ACG20]. **autonomous** [KKJ⁺21, PX21]. **AutoVAS** [JK21a].
AV [BCdGG20]. **Avaddon** [YP21]. **Availability** [ASB⁺21]. **aviation**
 [DCS⁺22]. **avionic** [DMRV21]. **aware**
 [AJ20, ABK⁺20, JB21, JLB22, LWX⁺22, MCS22, ZTY⁺20b]. **Awareness**
 [HMPS20, WMC20, AMD⁺21, AMA21, BTDH20, CC20, HG21, HSS⁺22,
 KGIS21, RSEK20, SEGD⁺22, TKS21, vdSF21].

B [FL21, LWS⁺20, LWLT21]. **Backdoor**
 [SYA⁺21, AKWR21, XMK21, XHW⁺22]. **backdoors** [SZY⁺22]. **bad**
 [TRH21]. **Badaslr** [Jan22]. **Balancing** [XCSZ21]. **banking**
 [KKS⁺22, SCCZ20]. **base** [ZZJC20]. **Based**
 [AAB22, LSXJ22, VAW⁺20, AHSZ21, AHC22, AJ20, AA22a, ADÖU⁺20,
 AA22b, AK20, ATMN20, ACLA22, ASAA21, AA20, AYS20, AZ20, AES22,
 AZDF20, ACC⁺20, ADC⁺20, AOA22, BBA20, BMW21, BA20, BS20,
 CLX21, CB22a, CYL⁺21, CZX⁺21, CZZ⁺21, CKG22, CL20, DG20, DKSS20,
 DL21, DS20, DA20, EYYZ20, FHSQ20, FXZ22, FHZ⁺22, FDK⁺22, GSS20a,
 GMBN21, GJB22, GKC22, HMK⁺20, HYW⁺21, HHSL20, HDS21, HMS21,
 HuRMMW22, HMMW22, HLL⁺21, HZM21, HCLRM20, HZ20a, HZZ20,
 HXZ⁺21, HZX⁺20, HSK22, IE22, IHJZ21, JKR⁺21, JIG22, JLQ⁺20, JCJ⁺21,
 KDDM20a, KDDM20b, KKP22, KS20, KMG21, KAK21, KEK⁺21, KC22,

KZYZ22, KTGDE20, KSSL22, LTL⁺22, LCZW20, LWS⁺20, LLX⁺20, LGL21, LL21a, LZCS22, LLL⁺22b, LQY⁺20, LS20, LX21, hLHhLfw21, LLZY20, LLLZ20, LGJW21, LZDZ21, LZZ⁺21, LHS21, LS21, LXZ⁺22, LFHH22, LJ22, LZHL20, LZS⁺20, LHW⁺20, LWLT21, LZ20, MLM20]. **based** [MSCJ21, MFA20, MZA⁺20, MSG22, MGL⁺20, MKL21, MWR20, MAAA20, NH21, NK21, NJ22, OS22, OYZ⁺20, OSPP22, Onw20, OX22, OZW⁺21, PRTV22, PSN⁺22, PA20, PSP⁺22, PMNL21, PYT20, PLW⁺21, PVFM⁺21, PFR20, PTD20, PC22, QZT⁺22, QMW20b, QY22, QMC⁺22, RRM20, RPR⁺21, RGPf20, RSEK20, RTBK21, SA20, SAA20, SCH⁺20, SMCP21, SU21, SCE21, Sar21, STB⁺20, SVA21, SCW⁺22, SGS⁺22, SEGd⁺22, SKM21, SYH⁺22, SSGM21, STM⁺20, SG21, SKS21, SJ21, SZC⁺21, SCL⁺21, STH⁺22, TML⁺20, TAES20, Tek21, TY22, TW20, TCYL21, TD21, WLQ20, WLHC21, WWH⁺22, WJT⁺22, XGL20, XGS⁺21, XLY⁺20, XYH⁺20, XX20, XWW⁺20, XHWL20, YMR⁺22, YZL⁺20, YL20, YWK⁺22, YHZ⁺22, YLL⁺22, YSM⁺21, YLZ⁺21, YWWH22, YWL⁺20, ZPP20, ZJL⁺20, ZLF⁺20, ZWW⁺21, ZYH⁺22, ZGM21, ZZL⁺22, ZY21, ZZCD20, ZD21, ZZJC20, ZJJS⁺22, ZSGB⁺22, ZTJ⁺21, dSFG20, GZS⁺22]. **Based** [RXFZ21, LL21b, YCCZ21]. **bases** [DPKHP22]. **Bayes** [GL21, Vu22]. **Bayesian** [EYYZ20, FXZ22, LZZ⁺21, WNF20]. **BCIs** [BCP22]. **BD** [ZY21]. **BD-D1Sec** [ZY21]. **BDDR** [SYA⁺21]. **be** [SL20, SPV20]. **bearing** [TDM⁺21]. **behavior** [Als20, ASI⁺20a, ASI⁺20b, CFZL22, CAT20a, CAT20b, KSS20, LCL⁺20, LRH⁺21, LFW⁺22, MGZ⁺20, NfVN⁺22, OSPP22, SS22, SBB⁺20, SWK20, TWW21, ZHL⁺20]. **Behavioral** [LHAE22, AZES21, GKC22, MWR20]. **behaviors** [BMM22, GPC⁺22, KTH20, MD22, OCB21, SM21, VB20]. **Behaviour** [vdKWH20, BMH21, DS21, HSSPK21, MBFid21, OMO20a, TN21, ZSGB⁺22]. **behavioural** [AES22]. **behaviours** [LLL⁺22c]. **behind** [MSP⁺20]. **BeiDou** [ZY21]. **belief** [AR21, SAJP22]. **believing** [BPL⁺20]. **benchmark** [AAAT22]. **benign** [YCCZ21]. **between** [OSTO20, WMC20]. **Beware** [TDM⁺21]. **beyond** [NR22]. **Bi** [LJO⁺20, YZL⁺20]. **Bi-directional** [LJO⁺20]. **bi-level** [YZL⁺20]. **bias** [GAC20]. **Bicycle** [HMB⁺21]. **bid** [AN20]. **BiDa** [RMS⁺21]. **bidding** [LLJ21, SCE21]. **bidirectional** [CJS⁺21]. **big** [AD21, GYL⁺20, LZ20, PRTV22, RMS⁺21, SGS⁺22, UHK⁺21]. **BiGRU** [ZGM21]. **BiLSTM** [SCW⁺22]. **bimodal** [GKC22]. **binaries** [YPT22]. **Binary** [HQL⁺22, LCC⁺21, MKL21, YLPZ21, ZTY⁺20b]. **binding** [HZG19, HZG20]. **biomechanics** [GSLs21]. **Biometric** [GL22, LTU⁺21, DNB⁺20, GKC22, MC20, SK20, Sar21, TTP20, YWK⁺22, YWWH22]. **biometric-based** [GKC22, Sar21]. **biometrics** [Gal20b, GBG20, SCH⁺20]. **biometrics-based** [SCH⁺20]. **biostatistics** [RT20]. **bipartite** [LXC⁺20]. **bird** [AR21]. **Birds** [JB22]. **BiRe** [LJO⁺20]. **Bitcoin** [AABE20, MSMH21]. **Black** [WYW⁺22, AKWR21, QY22, RZW⁺20, YS22]. **Black-box** [WYW⁺22, AKWR21, QY22, RZW⁺20, YS22]. **blanks** [PSP⁺22]. **Blindfold** [GMY22]. **Blockchain** [SPZ⁺20, AHSZ21, AKT21, ASB⁺21, DCB⁺21, HZX⁺20, KAK21, KK20,

LYW⁺²¹, LLJ21, MZA⁺²⁰, PHH⁺²⁰, SCE21, Sar21, SJX⁺²⁰, SHL⁺²⁰,
 UHK⁺²¹, WSC⁺²⁰, YCMM20, YL20, YPDC20, ZZW⁺²¹, ZWX⁺²⁰].
blockchain-based [AHSZ21, HZX⁺²⁰, KAK21, MZA⁺²⁰, Sar21].
blockchain-enabled [YPDC20, ZZW⁺²¹]. **blockchains** [LLZY20].
blocking [MDR20]. **blocks** [MBH20]. **bloom** [SA20, PC22]. **Board**
 [Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l,
 Ano20m, Ano20n, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i,
 Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano22c, Ano22d,
 Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j]. **body** [HAKK21]. **books**
 [MFA20]. **Boosting** [HDZ⁺²²]. **border** [OFIdD⁺²⁰]. **boring** [RCD21]. **bot**
 [RT20, RRMSM⁺²⁰]. **botnet** [CCL⁺²¹, SS22, ZPP20]. **Botnets**
 [TLT22, KSSL22, PCK20, PMF⁺²⁰]. **bounds** [CXLV20]. **box**
 [AKWR21, CLS22, QY22, RZW⁺²⁰, WYW⁺²², YS22]. **brand** [BA20].
breach [MGTK22, TGO22]. **Breached** [GBA22]. **breaches**
 [Rou22, Wes20]. **Breaking** [HZG19, HZG20, JZQ⁺²²]. **bring** [PNK20].
broad [LZG⁺²²]. **broadcast** [TH21]. **Browser** [GZS⁺²², HG20]. **browsing**
 [FFPC22, LCL⁺²⁰]. **BSVD** [YLPZ21]. **buffer** [LZD⁺²⁰]. **Building**
 [CC20, GCS22, LCZW20, RCA20]. **burglary** [Hod21]. **bus**
 [AA22a, DMRV21]. **business** [HDS21, PFR20, SDG20]. **businesses**
 [TRH21]. **Bypassing** [CXLV20]. **Byte** [YWL⁺²⁰]. **Byte-level** [YWL⁺²⁰].
bytes [DSN⁺²²].

cache [ZYH⁺²¹]. **CAE** [CVL22]. **calculate** [EAN⁺²²]. **call**
 [AZ20, AZES21, CMMST22, DS21, STM⁺²⁰]. **calls** [DSN⁺²², SLBG21].
camera [CRS⁺²², LWV⁺²¹, WWH⁺²², ZWW⁺²¹]. **camouflage** [CLS22].
Can [CDG22, MD22, SPV20, AMD⁺²¹, SL20, SCSO20, TLPY21, WZZ⁺²²,
 AA22a, TLKW20]. **CAN-ADF** [TLKW20]. **cancelable** [YWK⁺²²].
Cancellable [LTU⁺²¹, TTP20]. **capabilities**
 [BCP22, IB20, SVP21, SSHP21, SLBG21]. **Capability** [vdKWH20, SL20].
capable [HHL⁺²²]. **capitulation** [MD22]. **CapsNet** [ÇÜD21]. **CAPTCHA**
 [AA20, DA20, HCLRM20, OZW⁺²¹, PA20]. **capture** [SCVB21]. **capturing**
 [WJT⁺²²]. **cards** [AMAA21, JZQ⁺²²]. **carving** [FXL⁺²⁰]. **case** [AGM20,
 AMD⁺²¹, FFPC22, GKB21, Mit20, NDDH⁺²¹, RDM20, SBL20, LGJW21].
cases [Jan22]. **Catch** [BTAK21]. **categories** [COH21, LWL21].
Categorization [DKSS20, CNTBG21]. **categorized** [ZYL⁺²⁰]. **cause**
 [SCSO20]. **caves** [YPT22]. **CAVP** [JLB22]. **CDNs** [GMY22]. **center**
 [PTD20]. **centralized** [KZYZ22]. **centric** [ADÖU⁺²⁰, MKC⁺²¹].
certificate [AHSZ21, KJR⁺²⁰]. **Certificateless** [GPK21, ZY21].
certification [CDN21, AMNR20]. **certifications** [CSRA22]. **CFG** [JPL20].
CFI [FDK⁺²², JPL20]. **chain** [BS20, TDM⁺²¹]. **chains** [SSTRD22].
Challenge [AMAA21]. **Challenge-response** [AMAA21]. **Challenges**
 [BCS⁺²¹, CSRA22, DCB⁺²¹, MAKH21, PCK20, AWVG20, AKT21,
 BBA⁺²¹, BBA20, BCdGG20, CDF⁺²⁰, DCS⁺²², GG22, HAKK21, KKAS21,
 SEGD⁺²², SPZ⁺²⁰, SCVB21, YW21]. **Chameleon** [CSKD22]. **change**

[ATMN20]. **changes** [WHPL21]. **channel** [CLL⁺21, CDN21, Gal20b, GSLS21, HHSL20, JZQ⁺22, LLLZ21, MT21c, OYZ⁺20, SMvH⁺21, Yan20]. **channels** [MVH⁺21, vDK22]. **character** [ZYL⁺22]. **character-level** [ZYL⁺22]. **characterising** [KDE20]. **characteristic** [CJJ⁺22]. **characteristics** [AK20, TKS21]. **Characterization** [GMBN21]. **Characterizing** [XWZ⁺20]. **charging** [NTBH⁺22]. **checking** [ASAA21, CXLV20, CDM⁺20]. **China** [LLL⁺22c]. **choices** [BTDH20, MDR20]. **CHOP** [CXLV20]. **Chrome** [FFPC22]. **CIMA** [CCO⁺20]. **cities** [MZA⁺20]. **civil** [ZY21]. **class** [GJB22, RRMSM⁺20]. **classification** [BS20, ÇÜD21, DA20, DZZ⁺21, GCZ21, GMP20, GSS⁺20b, GJCJ20, KL22, LLL⁺22a, MAAA20, MGG⁺20, NfVN⁺22, NMCrb21, OS22, Onw20, RRMSM⁺20, SAA20, SBB⁺20, TY22, TLKK20, VAW⁺20, VMS20, Vu22, WZCP20, WTW21, XGS⁺21, YSM⁺21, YWL⁺20, ZJJS⁺22, ZSGB⁺22]. **classifier** [CLX21]. **classifiers** [SHK⁺21]. **Classifying** [TLT22]. **cleansing** [XMK21]. **client** [AN21, LYD20, LJO⁺20]. **client-controlled** [LYD20]. **client-side** [LJO⁺20]. **cloaking** [SM21]. **close** [CRS⁺22]. **close-Up** [CRS⁺22]. **Cloud** [LSXJ22, PSN⁺22, TJ20, AHKJJ21, ATMN20, Arc20, AOA22, CB20, CZZ⁺21, CWL⁺22, CBFH20, DL21, DSC20, FGWJ20, FMAC21, GSS20a, GPK21, IE22, KG20, KR21, LYD20, LZG⁺22, LPX20, MGL⁺20, NM21, OO21, OZW⁺21, RPR⁺21, RLW⁺20, SU21, Sun21, STH⁺22, TWW21, TSCM21, TV20, XHB⁺21, YLZ⁺21, ZLZC22]. **cloud-Aided** [LZG⁺22]. **cloud-based** [IE22, MGL⁺20]. **cloud/edge** [STH⁺22]. **CLTracer** [ZYH⁺22]. **cluster** [PTD20]. **clustering** [DMD⁺20, HMS21, LSWR20, WWH⁺22, XHTZ20]. **clusters** [PTD20]. **clutter** [UÇ22]. **cluttering** [UÇ22]. **CNN** [KZYZ22, LZHL20, NJ22, VAW⁺20, XXZ⁺21, ZYL⁺22]. **CNN-based** [KZYZ22]. **CNNs** [HLYZ21]. **Co** [ZD21, CL20]. **Co-Forest** [ZD21]. **Co-presence** [CL20]. **Coarse** [FXL⁺20]. **Coarse-to-fine** [FXL⁺20]. **code** [FHSQ20, FHZ⁺22, HQL⁺22, LCC⁺21, MFA20, MKL21, SCW⁺22, SCL⁺21, YPT22, ZQMC20, ZTY⁺20a]. **code-books** [MFA20]. **codes** [Wan21]. **coding** [HZM21]. **coercion** [MC20]. **COFELET** [KMG21]. **COFELET-based** [KMG21]. **cognitive** [ATJ⁺22, TKS21, Yan20]. **Cognitively** [LZCS22]. **collaboration** [LHW⁺20]. **collaborative** [IE22, MGL⁺20, YWZ20]. **collection** [LZ20]. **Collective** [JB22, HG21]. **collusion** [SYH⁺22]. **collusive** [WFY⁺20]. **combination** [ZZL⁺22]. **combinatorial** [GZS⁺22, NK21]. **combining** [ZYL⁺22]. **command** [MB20a]. **Comments** [Sar21]. **commerce** [MT21b, ZHL⁺20]. **commercial** [RDS20]. **commitment** [MT21c]. **committee** [LLZY20]. **committee-based** [LLZY20]. **commodification** [WB22]. **common** [CDN21, MBH20]. **communication** [DCS⁺22, DZ22, FGH⁺21, KN20, RRS21, Wan21, XCSZ21]. **communication-efficient** [FGH⁺21]. **communications** [SZC⁺21, TGOF22]. **communities** [IE22, SBY⁺22]. **community** [HSK22, KDDM20a, KDDM20b]. **community-based** [KDDM20a, KDDM20b]. **Communizer** [IE22]. **companies**

[MGTK22, MBKD21]. **companion** [BA20]. **company** [GMBV21]. **comparable** [IB20]. **comparative** [SVPM21, SGVA21, WFT22]. **competence** [BBJ20]. **competition** [Arc20]. **competitions** [LHGB21]. **Compile** [ZTY⁺20a]. **Compile-time** [ZTY⁺20a]. **Compiler** [CCO⁺20]. **Compiler-Enforced** [CCO⁺20]. **compiling** [ATGK22]. **Compliance** [PNK20, CXC22, HG20, KKP22, MD22, TN21, XWY21]. **compliance-eliciting** [KKP22]. **compliant** [KTH20, MLV⁺21]. **components** [SCSO20]. **composed** [MAR22]. **Comprehensive** [AN20, MVH⁺21, AAAT22, DPK20, HSB⁺22, KKAS21, LKW⁺20, MBP20, SMvH⁺21, TKS21]. **compressed** [ZWW⁺21]. **compression** [LRH⁺21]. **compressive** [DABB20]. **Compromise** [OO21]. **Compromise-resilient** [OO21]. **computation** [BK22, LLX⁺20]. **Computer** [RZ20a, BTAK21]. **computerized** [KKP22, RKG20]. **Computers** [GZ20, GZG20, HuRMMW22, HZG20, GSE20]. **computing** [DL21, FGWJ20, FMAC21, GG21, KKR21, KR21, LMZZ22, Mit20, OO21, PSN⁺22, SC21, TV20, YWZ20, ZZW⁺21, ZHJ⁺21]. **concealed** [LZL⁺22]. **concept** [BBBB⁺20, FK22]. **conceptual** [Ade21, KG20]. **concern** [COH21, SSL20]. **concerns** [GSL21, MB20b, QS22]. **concolic** [BCD21]. **Conditions** [IMN22]. **confidentiality** [MT21a]. **configuration** [GDG21, PCR22]. **conflict** [SCSO20]. **connected** [MSP⁺20, PX21]. **Consciousness** [HG21]. **Consensus** [AKH20, ASB⁺21, MLM20, WSC⁺20]. **consensus-based** [MLM20]. **consent** [KK20, WB22]. **considered** [HMB⁺21]. **considering** [OSTO20]. **Consistency** [RKS20]. **constellation** [RTBK21]. **constellation-based** [RTBK21]. **Constrained** [SYG⁺21]. **constraint** [AJ20]. **constraints** [BBBB⁺20, Het21, WTL⁺21, XWW⁺20]. **construction** [XWW⁺20]. **contactless** [AMAA21]. **container** [GKB21]. **containing** [SYF⁺21]. **content** [CLS22, LMZZ22, Wes20]. **Context** [ABK⁺20, CL20, HLZ⁺21, JLB22, ZZCD20]. **Context-aware** [ABK⁺20, JLB22]. **Context-based** [CL20]. **contexts** [LK20]. **Contextual** [CVL22, AZ20]. **Contextualising** [PFR20]. **Continuous** [LZHL20, SSS⁺21, TSCM21, FEA22, KG20, LHAE22, SMCP21]. **contour** [CZX⁺21]. **contours** [CZCX20]. **contract** [XX20]. **contracts** [DSC20, HZL⁺21, PHH⁺20, SPZ⁺20]. **Control** [ATGK22, DAZ20, GCS22, IMN22, LSXJ22, PLB⁺22, SJH⁺21, US20, AJ20, ABK⁺20, BZE⁺20, CPT⁺22, CZZ⁺21, CHJ22, DS20, FDK⁺22, GKC22, HKM22, JPL20, KMH⁺22, LZL⁺22, LZZ⁺21, LCSD20, MGGR22, MB20a, MKC⁺21, MGZ⁺20, MSZ20, NJ22, OFIdD⁺20, PKK⁺21, SU21, WP21, ZLZC22]. **control-flow** [JPL20]. **controlled** [BBMW21, LYD20]. **controller** [TLKW20, TD21, XWW⁺20]. **controller-based** [TD21]. **controls** [BPL⁺20, CB22a, SSHP21, UYMM21]. **Convex** [KLNW21, CXLV20]. **convolution** [SS22, YWK⁺22, ZYL⁺22]. **convolution-based** [YWK⁺22]. **convolutional** [BK22, FEA22, GCZ21, GJCJ20, JQYL22, LFHH22, NRS21, PYT20, QMW⁺20a, SWYL20, Tek21, TY22, YMR⁺22]. **cooperation** [Sun21]. **Cooperative** [ZHL⁺20]. **coordinating** [OZW⁺21]. **coordination**

[IE22]. **corporate** [KN20]. **correlation** [KMH⁺22, LTL⁺22, MFA20]. **correlations** [LCL⁺20]. **correntropy** [HMK⁺20]. **Corrigendum** [GZ20, GZG20, HuRMMW22, HZG20]. **Cost** [SVA21, ZCJ⁺20, DGH21, GJB22, UYMM21]. **Cost-based** [SVA21]. **Cost-effective** [ZCJ⁺20]. **cost-sensitive** [GJB22]. **costs** [BMH21]. **COTS** [JZQ⁺22]. **countermeasure** [YCCZ21]. **countermeasures** [CAT20a, CAT20b, HZKN22, JZQ⁺22, KFS⁺22, LLL⁺20a, PCK20]. **counters** [dNaJMMFM21]. **country** [AVR20, CC20, LK20]. **country-level** [AVR20, LK20]. **cover** [MGGR22]. **coverage** [TDM⁺21, UYMM21]. **Covert** [HHS20, CLL⁺21, CDN21, MVH⁺21, OYZ⁺20, PCK20]. **COVID** [LSN⁺21, SAJP22]. **COVID-19** [LSN⁺21, SAJP22]. **CP** [SYH⁺22]. **CP-ABE** [SYH⁺22]. **CPMTD** [HZX⁺21]. **CRACK** [RCA20]. **creating** [GZG19, GZG20]. **credentials** [Sar21]. **Crime** [CB22b, HKM22, LSN⁺21]. **criteria** [CDN21]. **Critical** [SSN22, AWVG20, CZCX20, RTBK21, SKG21, TDM⁺21, YWPC22]. **Cross** [KMH⁺22, ZYH⁺22, ASM20, CPR21, LXC⁺20, TDM⁺21, WTC⁺22]. **cross-architecture** [LXC⁺20]. **Cross-domain** [KMH⁺22, WTC⁺22]. **Cross-Ledger** [ZYH⁺22]. **cross-regional** [ASM20]. **cross-sectorial** [TDM⁺21]. **cross-site** [CPR21]. **crowdsensing** [ZXZ⁺20]. **CRUSOE** [HŠ⁺22]. **crypto** [TML⁺20]. **cryptocurrencies** [QS22, WNI20]. **cryptocurrency** [XWZ⁺20]. **cryptographic** [BRM21, LsJC⁺22]. **cryptography** [PMNL21]. **cryptosystem** [PMNL21]. **CSE** [GJB22]. **CSE-IDS** [GJB22]. **CSec** [GSS20a]. **CTI** [SL20, SVP21]. **CTI-SOC2M2** [SVP21]. **Cultivating** [KMOC20]. **culture** [Als20, TFP21, UNBF21, WMC20, dVABH20]. **culture-Perspectives** [dVABH20]. **cumulative** [CZZ⁺21]. **curation** [PMF⁺20]. **Current** [GG22, UNBF21, AMA21, BWB⁺21, BOS⁺21]. **curve** [LQY⁺20, STM⁺20]. **curves** [OS22]. **custom** [WTL⁺21]. **Cyber** [CCO⁺20, Da 22, DCS⁺22, EAN⁺22, GKB21, HMPS20, Hod21, HZX⁺21, KMG21, LSN⁺21, PS21, RCA20, SSN22, SSTRD22, TRM22, VBF21, YKG20, AJ20, ASI⁺20a, ASI⁺20b, BFW21, BPL⁺20, CPT⁺22, CC20, CYL⁺21, DMRV21, DGH21, ESBJ20, EA20, Het21, HG21, HZ20b, HŠ⁺22, IB20, JQYL22, KN20, LSWR20, LZZ⁺21, MB20a, NJ22, NCW⁺20, PF20, Ske22, SKG21, TRH21, TAES20, TDM⁺21, UNBF21, UYMM21, YKN21, YK22, ZT21, ZYL⁺20, ZLY⁺21, ZSS21, bOJW20]. **cyber-attacks** [LSN⁺21, NJ22]. **cyber-crime** [LSN⁺21]. **Cyber-enabled** [Hod21]. **cyber-insurance** [Ske22]. **cyber-phishing** [BFW21]. **Cyber-Physical** [CCO⁺20, HZX⁺21, AJ20, HZ20b, LZZ⁺21, SKG21, bOJW20]. **cyber-physical-social** [CPT⁺22]. **cyber-relevant** [PF20]. **Cyber-resilience** [SSN22, ESBJ20]. **cyber-security** [EA20, TRH21, YKN21]. **Cyber-threat** [VBF21]. **Cyberattack** [BPW⁺20, BCP22, EL22, VM21]. **cyberattacks** [KTGDE20]. **cyberbullying** [BKA20]. **Cybercrime** [CTV21]. **cybercrimes** [HKM22]. **cyberdefense** [ATJ⁺22]. **Cybersecurity** [Arc20, BZE⁺20, KKJ⁺21,

SEGD⁺²², SCVB21, AHC22, ASA⁺²², Als20, BBJ20, CGCY21, CAT20a, CAT20b, CKG22, FWR21, Fur21, KMOC20, LHGB21, LK20, Les21, MMvS20, RCD21, WNF20, YWPC22, vSRW⁺²⁰, vdKSCY22]. **Cyberthreat** [SL20]. **Cyberthreat-Intelligence** [SL20]. **Czech** [DPSN20].

D1 [ZY21]. **D1Sec** [ZY21]. **DACH** [BSFB20]. **damage** [HMB⁺²¹]. **danger** [JIG22]. **darknet** [LLL^{+22a}, MBS20]. **DarknetSec** [LLL^{+22a}]. **DaST** [YS22]. **Data** [DAZ20, GBA22, KFZ⁺²⁰, KDI21, LSXJ22, TWW21, US20, XX20, XHB⁺²¹, AD21, ACC⁺²⁰, ADC⁺²⁰, CPRV21, CQL⁺²¹, COH21, DMRV21, DS20, DVJ⁺²⁰, EA20, FL21, GYL⁺²⁰, GSY⁺²⁰, GPK21, GLTH21, GSE20, HZX⁺²¹, HXZ⁺²¹, HHL⁺²², HZX⁺²⁰, LWS⁺²⁰, LL22b, LYD20, LX21, LdSP21, LHH⁺²⁰, LRH⁺²¹, LHS21, LWL21, LZS⁺²⁰, LWLT21, LZ20, MZA⁺²⁰, MGTK22, MLV⁺²¹, NM21, OPK20, PRTV22, PSP⁺²², PMF⁺²⁰, RMS⁺²¹, Rou22, SBY⁺²², SU21, SVA21, SGS⁺²², SYH⁺²², SBL20, TGOF22, TJ20, TW20, TTRY20, TLKK20, UHK⁺²¹, Vu22, WZCP20, WLC⁺²⁰, WTL⁺²¹, WWH⁺²², WTX⁺²², WFY⁺²⁰, YZL⁺²⁰, YLY20, YS22, ZYL⁺²⁰, ZLZC22, ZSGB⁺²², vdKWH20, vdSFF20a]. **data-driven** [LdSP21, PMF⁺²⁰]. **data-free** [YS22]. **data-level** [ZSGB⁺²²]. **Data-oriented** [KFZ⁺²⁰, WLC⁺²⁰]. **data-selling** [LL22b]. **databases** [Alq22]. **Dataset** [GMBN21, AD21, FMA22, KAM⁺²¹, ZPP20]. **datasets** [CPRV21, DMB21, KDE20, SHSK20, WFT22, XXZ⁺²¹, YLL⁺²²]. **dating** [KMP⁺²⁰]. **day** [HMK⁺²⁰]. **DBN** [CFZL22]. **DBN-LSTM** [CFZL22]. **DC** [TCYL21]. **DC-Adam** [TCYL21]. **DDoS** [ARR⁺²², AHC22, ADÖU⁺²⁰, AOA22, CCL⁺²¹, DG20, KKAS21, KR21, LRH⁺²¹, LHS21, LJ22, WLQ20, ZCJ⁺²⁰, dNaJMMFM21]. **De-cluttering** [UÇ22]. **De-Wipimization** [OPK20]. **Deanonymizing** [AABE20]. **decades** [EL22, ZT21]. **Deceive** [DTK⁺²¹]. **December** [Ano20c, Ano21c]. **Decentralized** [LSXJ22, SJX⁺²⁰, MCS22]. **deception** [HuRMMW22, HMMW22, LL22b, ZT21]. **deception-based** [HuRMMW22, HMMW22]. **Decision** [AQAK21, DPK20, GSS^{+20b}, HuRMMW22, HMMW22, HŠ⁺²², LZDZ21, SP20, SWK20, ZCJ⁺²⁰, vdKSCY22]. **decision-makers** [DPK20]. **decision-making** [LZDZ21]. **Decisions** [CB22b, SSL20]. **decomposition** [HSK22, LGL21, SW22, SG21]. **Decryption** [FACHC21, YP21]. **deduplication** [LYD20, LMZZ22]. **Deep** [AYS20, CRS⁺²², KC22, RDM20, RMS⁺²², YW21, AAAT22, AKWR21, AHC22, AR21, AES22, CLS22, GMP20, GFM⁺²², GJB22, IMMS21, JK21a, JKR⁺²¹, KS20, LLL^{+22a}, LLL^{+22b}, LXC⁺²⁰, LBL⁺²⁰, LZDZ21, MM21, MSG22, OSPP22, PRTV22, PKK⁺²¹, PYT20, PLP⁺²¹, QZT⁺²², RPR⁺²¹, SMCP21, SSG21, SYL⁺²⁰, WLHC21, WWW⁺²², XMK21, XHW⁺²², YWL⁺²⁰, ZYL⁺²²]. **Deepdom** [SWYL20]. **DeepStream** [HMS21]. **defect** [ZGM21]. **defences** [AWJB21]. **defend** [MT21c]. **Defending** [Wan21]. **Defense** [BPW⁺²⁰, SYA⁺²¹, AOA22, CZCX20, FEA22, Het21, HG21, HZX⁺²¹, HXZ⁺²¹, HZ20b, KKAS21, KKJ⁺²¹, LHGB21, LKA⁺²¹, LZDZ21, LZZX21,

PX21, SGSS22, TZZ⁺²¹, TV20, YKN21, ZT21, ZCJ⁺²⁰]. **defenses** [MB20a]. **defensive** [IB20]. **Defined** [FEA22, LKW⁺²⁰, LWZ22, MHSK21, YPDC20]. **Defining** [dVABH20]. **definition** [Ade21, PS21]. **degree** [ZNF21]. **deletion** [TW20]. **delivery** [LMZZ22]. **Delphi** [CKG22]. **DeMal** [HSK22]. **Dempster** [QMC⁺²²]. **demystified** [DMD⁺²⁰]. **Demystifying** [CPRV21, MRSV21]. **Deniability** [RKW⁺²²]. **denial** [AWJB21, AOA22, FEA22, IHJZ21, LWZ22, MAAA20]. **Denoising** [AAB22, ZZCD20]. **Density** [LWX⁺²²]. **Density-aware** [LWX⁺²²]. **dependencies** [ARR⁺²²]. **dependency** [SDG20]. **dependent** [SBY⁺²²]. **deployment** [PCR22]. **depth** [CBFH20, NTBH⁺²², YP21]. **description** [SLBG21]. **descriptions** [OMO20a]. **descriptive** [PF20]. **Design** [GHOS22, KMG21, SRM22, WBNT20, AOA22, CNTBG21, RKG20, TN21, ZLCA21]. **Design-knowledge** [SRM22]. **Designing** [ATJ⁺²²]. **detect** [AA21a, DLQ⁺²¹, JIG22, LLZJ22, MBFidD21, TML⁺²⁰]. **Detecting** [ADC⁺²⁰, BWB⁺²¹, CJJ⁺²², FHSQ20, JQYL22, TLT22, WPS20, XGL20, YZL⁺²⁰, ZZWF21, AKCS20, AMM⁺²¹, HMK⁺²⁰, JYS21, JPLT20, KTGDE20, KR21, MBPCC21, MSP⁺²⁰, RT20, SG21, SRM22]. **Detection** [AAB22, CMFUA⁺²⁰, GMBN21, KC22, LCZW20, MDB⁺²⁰, OPK20, PC22, Rou20, AHC22, AA22a, ADJS21, AD21, AA22b, ATMN20, AR21, AYS20, AZ20, AZES21, AOA22, BKA20, BFW21, BMW21, BTM21, BA20, BTAK21, CLX21, CLL⁺²¹, CFZL22, CVL22, CJS⁺²¹, CSKD22, CDM⁺²⁰, CL20, CZPX22, DSN⁺²², DAZ20, DMB21, EA20, FHZ⁺²², FK22, FCSP21, GCZ21, GDG21, GL21, GJB22, HYW⁺²¹, HHSL20, HMS21, HYW⁺²⁰, HLZ⁺²¹, IMMS21, JDBB20, JKR⁺²¹, JLQ⁺²⁰, KJCL20, KS20, KDI21, KSSL22, LTL⁺²², LL22a, LsJC⁺²², LWS⁺²⁰, LLYL21, LCY⁺²¹, LWX⁺²², LLL^{+22b}, LSAH21, LLLZ20, LGJW21, LGH21, LRH⁺²¹, LHS21, LWL21, LFHH22, LWZ22, LJ22, LZD⁺²⁰, LWLT21, MLM20, MSCJ21, MCS22, MAR22, MFA20, MSG22, MRG21, MC20, MKC⁺²¹, MSZ20, NH21, NK21, NJ22, NRS21, OSPP22, OMO20b, OFidD⁺²⁰, OX22, PRTV22, PSY⁺²², PSP⁺²², PCR22, PYT20, PLP⁺²¹, PTD20, QMW20b, QMC⁺²²]. **detection** [RSW⁺²¹, RRMSM⁺²⁰, RDS20, SAA20, SLC⁺²¹, SMC⁺²¹, SCW⁺²², SKM21, SVPM21, SSG21, SHSK20, STM⁺²⁰, SG21, SWYL20, SCL⁺²¹, TCY⁺²⁰, TLKW20, Tek21, TCYL21, TSCM21, WLQ20, WLHC21, WYW⁺²², WFT22, WJT⁺²², WRG⁺²¹, XMK21, XXZ⁺²¹, XLY⁺²⁰, XFY21, YMR⁺²², YLPZ21, YLL⁺²², YLY20, YW21, ZLF⁺²⁰, ZGM21, ZHJ⁺²¹, ZYL⁺²², ZD21]. **detector** [LFCD21, QZT⁺²², XGS⁺²⁰, JYS21]. **detectors** [RDM20, YPT22]. **Determination** [FXZ22, DVJ⁺²⁰, GDK⁺²¹, KMOC20]. **Determining** [ZZJC20, PFHB21]. **deterrence** [CXC22, KTH20]. **detrended** [NH21]. **develop** [AMD⁺²¹]. **Developing** [Als20, UNBF21, vdKSCY22, CC20, HG21, ZLCA21]. **Development** [BBR20, BPL⁺²⁰, AKH20, BBJ20, KSS20, NJ22, PLS20, TCJS22]. **deviated** [LWX⁺²²]. **Device** [RRS21, SSS⁺²¹, DMRV21, HSSPK21, MB20b, PNK20, SMCP21, SCSO20]. **Device-to-Device** [RRS21, SSS⁺²¹]. **Devices**

[MAKH21, ARB20, AYS20, CGS22, DKSS20, FDK⁺22, GG21, JCJ⁺21, KFZ⁺20, LPX20, MSP⁺20, SMvH⁺21, YM22]. **DevSecOps** [KG20]. **DFAID** [LWX⁺22]. **DGA** [TLT22, ZPP20]. **DGA-based** [ZPP20]. **DHCP** [TD21]. **DHCPguard** [TD21]. **diagnosis** [LLX⁺20]. **diagnostic** [dNaJMMFM21]. **DIFCS** [LSXJ22]. **different** [COH21, DGH21]. **Differential** [CBK⁺20, DMB21, LBL⁺20, ACC⁺20, CZS⁺21, KLNW21, KEK⁺21, RZ20b, SGS⁺22, TZZ⁺21, WLLS22, XHTZ20, ZLZC22]. **Differentially** [HX21, ISM22, LGL21, ZNF21, ZYPT22, GSS⁺20b, SVA21, SZL⁺22, vDK22]. **Digestive** [LKA⁺21]. **DIGFuPAS** [DTK⁺21]. **Digital** [FFPC22, UÇ22, AVR20, AA21c, FXL⁺20, HLL⁺21, PCR20, SSN22, Sha21, SZC⁺21, YL20]. **Digitalization** [GHOS22]. **dimensional** [CB20, WZCP20]. **directional** [LWZ22, LJO⁺20]. **Directions** [MAKH21, BBA⁺21, GCS22, KKAS21]. **directives** [HG20]. **disabilities** [FHW22]. **Disclose** [PLB⁺22]. **disclosure** [COH21, Esm20, MB20b]. **discourses** [AKH20]. **Discovering** [CPR21, CYL⁺21, MBPCC21]. **discovery** [HSK22, LZ20, ZXZ⁺20]. **discrete** [QMW20b]. **discrimination** [LdSP21]. **Discriminator** [HX21]. **disposition** [MT21b]. **disruption** [DANS20]. **dissection** [ZSGB⁺22]. **distance** [LX21, OSTO20]. **distance-based** [LX21]. **Distributed** [OCJ20, XHTZ20, AOA22, CMG20, DLQ⁺21, FEA22, HYW⁺20, IHJZ21, JQYL22, KLNW21, RDM20, Vu22, Yan20, YLY20]. **distribution** [AGVA21, XGS⁺21, ZNF21]. **divergence** [LRH⁺21]. **diverse** [MRG21]. **diversity** [OSTO20]. **DL** [AYS20]. **DL-Droid** [AYS20]. **DNA** [PMNL21]. **DNN** [CZX⁺21]. **DNS** [CLL⁺21, NBBS22, PCK20, XGL20, ZYH⁺21]. **do** [MGGR22, MW20, KFZ⁺20]. **DO-RA** [KFZ⁺20]. **document** [DNB⁺20]. **documents** [KLA⁺22, MGG⁺20]. **Domain** [CZPX22, AKCS20, Alq22, KMH⁺22, PSY⁺22, SWYL20, WTC⁺22]. **Don't** [MGGR22]. **DouBiGRU** [ZGM21]. **DouBiGRU-A** [ZGM21]. **double** [SA20, ZGM21]. **draw** [BWB⁺21]. **drift** [FK22, LLZJ22]. **Driven** [MGL⁺20, LdSP21, PMF⁺20, SVP21, TRM22, WLC⁺20]. **drives** [BWB⁺21]. **Droid** [AYS20]. **Dropping** [SGVA21]. **dual** [LYW⁺21, SCW⁺22]. **dual-blockchain** [LYW⁺21]. **dumps** [MPRB21]. **Duplicitous** [vdSFF20a]. **during** [LSN⁺21]. **Dynamic** [CRS⁺22, LLL⁺20a, LWS⁺20, MKC⁺21, OFIdD⁺20, AZ20, CB20, DS21, GDG21, GPK21, HZ20b, LLL⁺22b, LX21, WNI20, WLQ20]. **dynamics** [BF20, SRM22].

E-commerce [ZHL⁺20, MT21b]. **e-government** [NDDH⁺21]. **E-mail** [BA20]. **E-tailing** [SST21]. **e-Voting** [KAK21]. **early** [AES22, KJCL20, KSSL22, PCR22]. **EaSTFLy** [DCSW20]. **eavesdropping** [Wan21]. **ECG** [DABB20]. **echoes** [SAJP22]. **eclipse** [XGS⁺20]. **eclipsed** [XGS⁺20]. **economy** [MBS20]. **ecosystem** [CMMST22, SSN22]. **EDCO** [WWH⁺22]. **edge** [KSSL22, LMZZ22, SC21, STH⁺22, ZZW⁺21, ZHJ⁺21]. **Editorial** [AMB22, bOJW20, RZ20a, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano21d, Ano21e,

Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j]. **Education** [HMPS20, ASA⁺²², AMA21, BTDH20, NCW⁺²⁰, SEGD⁺²²]. **EEG** [BBA20]. **effect** [Esm20, FVF21, HSSPK21, WNI20, XWY21]. **Effective** [GMBN21, SYA⁺²¹, ATJ⁺²², CKG22, GL21, HYW⁺²¹, KN20, UYMM21, YS22, ZCJ⁺²⁰]. **Effectiveness** [FACHC21, AHKJJ21, WHPL21]. **Effects** [DANS20, MGZ⁺²⁰, PLB⁺²², COH21, LHGB21, SAJP22, vdSF21]. **efficiency** [SCH⁺²⁰, ZYPT22]. **Efficient** [AA22b, BK22, DVJ⁺²⁰, DCSW20, JPL20, MGG⁺²⁰, NR22, PCR20, PHH⁺²⁰, BLSS22, CFZL22, FGWJ20, FGH⁺²¹, GG21, JE21, LHH⁺²⁰, LGJW21, LZZX21, LFHH22, RZW⁺²⁰, SLC⁺²¹, SKS21, YWZ20, YLZ⁺²¹, ZXZ⁺²⁰, ZM20, ZTD21, ZZCD20]. **efficiently** [WZZ⁺²²]. **EfficientNet** [YMR⁺²²]. **effort** [PSY⁺²²]. **Egida** [PCR22]. **elaboration** [XW20]. **electric** [NTBH⁺²², SSN22]. **electronic** [KAM⁺²¹, LSL20, SHL⁺²⁰]. **element** [HG20, RTBK21]. **eliciting** [KKP22, Olu22]. **eluding** [SGSS22]. **email** [AA21a, BMH21]. **embedded** [CGS22, CDN21, HZZ20, LHW⁺²⁰]. **embedding** [BBBB⁺²⁰, GL21, JB21, LHAE22, LWL21]. **Empirical** [KAK21, DCB⁺²¹, MBPCC21, MDR20, SSHP21, TKS21, TFP21, YPWS20, ZYH⁺²¹, vdKWH20]. **employed** [PLP⁺²¹, SGSS22]. **Employee** [RCD21, Als20, BMM22, HHZ21, KSS20]. **employees** [KGIS21]. **EmuID** [CJJ⁺²²]. **emulated** [LFW⁺²²]. **emulation** [CJJ⁺²²]. **EMV** [AMAA21]. **enabled** [DTK⁺²¹, Hod21, PRTV22, SKG21, YPDC20, ZZW⁺²¹]. **Enabling** [LLJ21]. **Enclave** [RRM20, GMS20]. **Enclave-based** [RRM20]. **enclaves** [BRM21]. **Encoder** [AAB22, CVL22, YHZ⁺²², LCZW20]. **encompassing** [OAA⁺²²]. **Encrypted** [DMD⁺²⁰, PCK20, DVJ⁺²⁰, GJCJ20, SYG⁺²¹, WFT22]. **encryption** [LL22b]. **End** [Ogb21, EZLC21]. **End-User** [Ogb21]. **Endorsement** [JKSS22]. **endpoint** [OZW⁺²¹]. **energy** [LHH⁺²⁰, OCJ20, SCH⁺²⁰, YWZ20]. **enforce** [CDG22]. **Enforced** [CCO⁺²⁰]. **enforcement** [RKSV20]. **engineering** [Alq22, NSA⁺²⁰, XMK21]. **engineers** [HP20]. **engines** [LL21a]. **English** [DPSN20]. **Enhanced** [JIG22, KJR⁺²⁰, BMW21, SAA20, ZMQ21]. **enhancement** [SK20]. **Enhancing** [GFM⁺²², KGIS21, LFW⁺²², Ogb21, SSG21]. **Ensemble** [KL22, ADC⁺²⁰, CSKD22, GJB22, OZW⁺²¹, VAW⁺²⁰]. **ensemble-based** [ADC⁺²⁰]. **EnsembleFool** [PLW⁺²¹]. **ensembles** [MWR20]. **ensuring** [SHL⁺²⁰]. **enterprises** [UÇ22]. **entropy** [LHS21, LJ22, YWWH22, ZJJS⁺²²]. **entropy-based** [LHS21]. **entry** [BKPZ21]. **envelope** [WWH⁺²²]. **Environment** [KM22, AD21, AOA22, BMW21, CPR21, CB20, CDM⁺²⁰, DPSN20, KKR21, LGJW21, RLW⁺²⁰]. **environments** [ASAA21, FMAC21, PSCT21, SU21, WZZW20]. **epistemic** [Ade21]. **equivalence** [ATGK22, DVJ⁺²⁰]. **era** [AA21c]. **ERM** [KLNW21]. **error** [LLJ22, PCR22]. **errors** [CZZ⁺²¹]. **espionage** [HW20]. **EspyDroid** [GAL^{+20a}]. **establishing** [ATGK22]. **establishment** [SCH⁺²⁰]. **estimation** [GZ18, GZ20, LX21, LS21, MSZ20]. **estimators** [DPSN20]. **Ethereum**

[XGS⁺20, ZTJ⁺21]. **Ethereum-based** [ZTJ⁺21]. **ethics** [FWR21]. **EthReview** [ZTJ⁺21]. **Europe** [LK20]. **evade** [HSL20, LL21a, YPT22]. **evaluate** [AMA21]. **Evaluating** [AA21b, AHKJJ21, MFI20, PFHB21]. **Evaluation** [KMG21, PLB⁺22, AHL⁺21, BGL⁺20, CB20, DCB⁺21, GAC20, LLJ21, LZ20, MDR20, VS22, vdSFF20a]. **evaluations** [BCdGG20, IB20]. **evasion** [MWR20, QMW⁺20a]. **evasive** [GPC⁺22, SGSS22]. **event** [HHZ21, KDE20, WWW⁺22]. **events** [ALD⁺21]. **Everything** [LZL⁺22]. **Evidence** [XWY21, QMC⁺22, SEG⁺22]. **evidence-based** [SEG⁺22]. **evidence** [SSGM21]. **evil** [LJO⁺20]. **evolutionary** [SYL⁺20]. **evolving** [PMF⁺20]. **examination** [DNB⁺20, PF20]. **Examining** [MT21b, TN21, WMC20, MGTK22]. **examples** [HLYZ21, PLW⁺21, QMW⁺20a, WZZ⁺22, YCCZ21]. **Exceptional** [Jan22]. **Exchange** [Esm20, XWZ⁺20]. **excluding** [MBH20]. **executing** [YK22]. **Execution** [KM22, BCD21, DS21, HSL20, SBB⁺20]. **exercise** [YK22]. **exercises** [BBJ20, YKN21]. **exfiltration** [GSE20]. **Expanding** [Ske22]. **expectations** [PFHB21]. **experience** [DPSN20]. **experiment** [MB20b, SPV20]. **experimental** [AA20, TN21]. **experimentation** [ATJ⁺22]. **experiments** [BB20]. **Expert** [ZZ20]. **explain** [MD22]. **Explaining** [VB20, SW22]. **explanation** [SL20]. **explicit** [WJT⁺22]. **exploitation** [GDK⁺21, Jan22, MM21, PKK⁺21]. **Exploiting** [DMRV21, HSL20, LLLZ21, LLZJ22]. **exploration** [RPR⁺21]. **exploratory** [MT21b, PF20]. **Exploring** [ASM20, BSFB20, Ogb21, OCB21, VM21]. **Expressive** [IMN22]. **Exsense** [GLTH21]. **Extending** [RTBK21, WNF20]. **Extract** [GLTH21]. **Extracting** [MB20b, ZYL⁺20]. **extraction** [HLZ⁺21, KS20]. **extreme** [JHD⁺20, KR21]. **eyes** [RCD21].

Fabric [JKSS22, LZS⁺20]. **Face** [CBK⁺20, CRS⁺22, RMS⁺22, RXFZ21, STH⁺22]. **Facebook** [vdSFF20b]. **facial** [GSLs21, OFId⁺20, SAAW21]. **facility** [KJR⁺20]. **Facing** [FL21]. **factor** [SCCZ20, WZZW20]. **factorization** [LSAH21]. **factors** [AWVG20, DPK20, LK20, LBL⁺20, NCW⁺20, TFP21, YWPC22]. **failures** [WZZW20]. **Fair** [DSC20, LLZY20, WNF20]. **fake** [RDS20]. **fallback** [AA21b]. **False** [GSY⁺20, ADC⁺20, HZX⁺21, HXZ⁺21, LX21, YZL⁺20]. **Families** [TLT22]. **family** [CDM⁺20, IMMS21, WTW21]. **fans** [GSE20]. **Fansmitter** [GSE20]. **Fast** [YS22, ADJS21, LGH21]. **Faster** [HLYZ21]. **fault** [RLW⁺20, SMvH⁺21]. **fault-tolerant** [RLW⁺20]. **favorable** [ALD⁺21]. **FCSCNN** [KZYZ22]. **FE** [YS22]. **FE-DaST** [YS22]. **fear** [VM21]. **feasible** [CZG⁺22]. **feather** [JB22]. **Feature** [FK22, KZYZ22, LdSP21, SCW⁺22, TRM22, AA22a, AAAAS20, CLX21, CSKD22, GDG21, GL21, HYW⁺21, HYW⁺20, HLZ⁺21, KS20, LCZW20, LWX⁺22, LGJW21, MBGF20, NK21, OX22, PRTV22, PTD20, SA20, STB⁺20, WLQ20, WJT⁺22, OX22]. **feature-deviated** [LWX⁺22]. **Feature-driven** [TRM22]. **featured** [GMBN21]. **Features** [KC22, XLY⁺20, BKA20, LLL⁺22b, LSAH21, MBPCC21, RT20, ZLF⁺20, ZZL⁺22, ZJJS⁺22].

February [Ano20o, Ano21p, Ano22k]. **federated** [AKT21, DCSW20, FGWJ20, FGH⁺21, HYW⁺20, ISM22, LKA⁺21, TCYL21, TSW⁺21, UHK⁺21]. **federations** [MBFIdD21]. **feedback** [WLQ20]. **FeSA** [FK22]. **few** [WTW21, ZJJS⁺22]. **few-shot** [WTW21, ZJJS⁺22]. **FGACFS** [LCSD20]. **FGMC** [HMK⁺20]. **FGMC-HADS** [HMK⁺20]. **FH** [FDK⁺22]. **FH-CFI** [FDK⁺22]. **Field** [Kha21, SPV20]. **Field-Sensitive** [Kha21]. **file** [CZZ⁺21, DMB21, LCSD20, OPK20]. **filesystem** [LsJC⁺22]. **Fill** [PSP⁺22]. **filling** [OS22]. **Filter** [PC22, SA20]. **filtered** [WTC⁺22]. **financial** [VBF21, vdKWH20]. **find** [MW20, WRG⁺21]. **Fine** [FDK⁺22, TW20, AK20, FXL⁺20, JPL20, LCSD20, YSM⁺21]. **Fine-grained** [FDK⁺22, TW20, AK20, JPL20, LCSD20, YSM⁺21]. **FineFool** [CZX⁺21]. **fingerprint** [SK20, TTP20, XHWL20, YWK⁺22]. **fingerprinting** [GZS⁺22, HHL⁺22, KDDM20a, KDDM20b]. **Finnish** [KIAV22]. **firefighter** [ACC⁺20]. **Firefox** [FFPC22]. **firewall** [CDG22]. **firmware** [BWB⁺21, LXC⁺20, ZZJC20]. **First** [GHOS22, SAAW21, TK20, VMS20]. **first-** [VMS20]. **fish** [XYH⁺20]. **fish-swarm** [XYH⁺20]. **fit** [KDE20, MGGR22, LXC⁺20]. **fixing** [CDF⁺20]. **FKR** [ZM20]. **flag** [SCVB21]. **Flash** [MDB⁺20]. **flatness** [TLPY21]. **Flexible** [VCD22]. **FlipIt** [TZS⁺21]. **flood** [dNaJMMFM21]. **flooding** [NH21, WFY⁺20]. **Flow** [LSXJ22, AA22b, ATGK22, FDK⁺22, JPL20, KMOC20, RKS20]. **flow-based** [AA22b]. **flows** [TTRY20]. **fluctuation** [NH21]. **flux** [ADJS21]. **Focus** [IE22]. **focused** [HKM22, vdSFF20b]. **Focusing** [GBA22]. **Foe** [Gal20b]. **Fog** [DKSS20, GG21, KKR21, AMNR20]. **FogHA** [GG21]. **follow** [SSL20]. **FoNAC** [AMNR20]. **fool** [WZZ⁺22]. **Forecasting** [ACC⁺20, YPWS20]. **Forensic** [ACG20, ALZ⁺20, AA21c, AOAA20, DNB⁺20, FFPC22, HSL20, KMP⁺20, SZC⁺21, TK20, ZLCA21]. **Forensics** [ACG20, CMFUA⁺20, AN21, AJHA20, BTAK21, FXL⁺20, NDPC21, PCR20, WS21, WTC⁺22, XWW⁺20]. **Forest** [ZD21, ÇÜD21, GSS⁺20b, LCZW20]. **Formal** [AJHA20, MAK21, MSMH21]. **formalization** [SPZ⁺20]. **Forums** [CHP21]. **foster** [CMMST22]. **fostered** [SL20]. **four** [KKS⁺22]. **Fourier** [LHS21]. **Framework** [JKSS22, AA22a, BK22, BBJ20, CAT20a, CAT20b, EA20, FWR21, GMP20, HuRMMW22, HMMW22, HZ20a, IE22, JKR⁺21, KN20, KTGDE20, LKW⁺20, LLYL21, LLL⁺22b, LGJW21, MAR22, MZA⁺20, MSG22, NM21, OS22, PYT20, QMW20b, RGPFA20, SCE21, SLC⁺21, SJH⁺21, SST21, SG21, SKS21, TLKW20, TGOFF22, TFP21, WBN⁺20, WTC⁺22, XWW⁺20, ZLCA21, ZYH⁺22]. **frameworks** [CKG22, ESBJ20, Olu22, TDM⁺21]. **Fraud** [Onw20, CYL⁺21, SST21]. **Frauds** [ZTJ⁺21]. **free** [LZHL20, YS22]. **free-text** [LZHL20]. **frequent** [RLW⁺20, WTL⁺21]. **friendly** [ZWX⁺20]. **FTE** [OYZ⁺20]. **FTE-based** [OYZ⁺20]. **full** [LLZJ22]. **full-model** [LLZJ22]. **fully** [Vu22]. **Function** [PC22, DS21, DTK⁺21, LsJC⁺22]. **function-call** [DS21]. **function-preserving** [DTK⁺21]. **functional** [LHGB21]. **Functionality** [RSEK20]. **Functionality-based** [RSEK20]. **functions** [LCC⁺21, MT21a, YKG20]. **fusion**

[AZES21, HQL⁺22, PRTV22, PLW⁺21, SCW⁺22]. **fusion-based** [SCW⁺22]. **Future** [MAKH21, AKT21, BBA⁺21, GCS22, HSB⁺22, KKAS21, UNBF21]. **Fuzzing** [QY22, BCD21, hLHhLfW21, PCR20]. **Fuzzing-based** [QY22]. **FUZZOLIC** [BCD21]. **Fuzzy** [DKSS20, HMK⁺20, RMS⁺22, SYG⁺21].

G [BBBB⁺20]. **GACN** [LWL21]. **GADM** [RDS20]. **gait** [ACLA22]. **Galaxy** [LFGD21]. **Game** [GSS20a, HMPS20, LYD20, FXZ22, JK21b, LL22b, LZDZ21, LZZ⁺21, RZ20b, SYL⁺20, Sun21, TZZ⁺21, WP21, ZCJ⁺20]. **games** [CHJ22, HZ20b, WRG⁺21, YKN21]. **gamified** [PSCT21]. **GAN** [DTK⁺21, YCCZ21]. **GAN-based** [YCCZ21]. **GANs** [HX21]. **gap** [GB21, SWK20]. **gapped** [GSE20]. **gaps** [BOS⁺21]. **Gaslight** [PCR20]. **Gateway** [AGVA21]. **Gaussian** [HMK⁺20]. **GDPR** [MLV⁺21, TSW⁺21]. **GDPR-compliant** [MLV⁺21]. **GDroid** [GCZ21]. **Gender** [GAC20, vdSFF20b]. **gender-focused** [vdSFF20b]. **generalisation** [SHK⁺21]. **Generalizable** [LHGB21]. **generate** [PLW⁺21, TLPY21, WP21]. **generated** [AKCS20, PMNL21]. **Generating** [MWR20, HLYZ21]. **generation** [LL21a, LWL21, PA20, QZT⁺22, RCA20, XYH⁺20]. **Generative** [KC22, WS21]. **generic** [DSN⁺22]. **genes** [HQL⁺22]. **genetic** [AA22a, HYW⁺21]. **geolocation** [MW20]. **geospatial** [AHL⁺21]. **gestures** [WHPL21]. **get** [MGGR22, RCD21]. **gifts** [TDM⁺21]. **Global** [KC22, LHAE22]. **Global/Local** [KC22]. **goals** [GZG21]. **good** [TRH21, VS20]. **Gordon** [Ske22]. **governance** [AWVG20]. **government** [NDDH⁺21]. **GP** [LL22a]. **GPU** [PKK⁺21]. **GQM** [PFR20]. **GQM-based** [PFR20]. **gradient** [HDZ⁺22]. **grained** [AK20, FDK⁺22, JPL20, LCS20, TW20, YSM⁺21]. **granted** [OMO20a]. **Graph** [TLPY21, AAAAS20, ASAA21, DS21, FHZ⁺22, FCSP21, GCZ21, JQYL22, LFHH22, PYT20, SWYL20, SYG⁺21, TCY⁺20, ZNF21, ZSGB⁺22]. **graph-based** [ASAA21, ZSGB⁺22]. **graph-theoretic** [TCY⁺20]. **graphical** [TLPY21]. **graphs** [LCY⁺21]. **GraphXSS** [LFHH22]. **greedy** [GSS⁺20b]. **grid** [ARR⁺22, ADC⁺20, KTGDE20, LYW⁺21, LS21, YZL⁺20]. **group** [CYL⁺21, GMBV21, YM22]. **group-based** [CYL⁺21]. **groups** [JB22, LK20]. **GTM** [GSS20a]. **GTM-CSec** [GSS20a]. **guaranteeing** [XHTZ20]. **guessing** [YHZ⁺22]. **guided** [DZZ⁺21].

Habits [GBA22]. **HADS** [HMK⁺20]. **HAN** [YLPZ21]. **HAN-BSVD** [YLPZ21]. **handle** [GJB22]. **Handling** [HY21, Het21, HSŠ⁺22]. **handover** [GG21, NR22, YM22, ZMQ21]. **hands** [BDC⁺22]. **hands-on** [BDC⁺22]. **handwritten** [PA20]. **Happn** [KMP⁺20]. **Happning** [KMP⁺20]. **hard** [QY22]. **hard-label** [QY22]. **Hardening** [AWJB21, BRM21, HZX⁺21]. **Hardware** [DL21, CJS⁺21, FDK⁺22, SMC⁺21, dNaJMMFM21]. **hardware-assisted** [FDK⁺22]. **Hardware-based** [DL21]. **harm** [SCSO20]. **harmful** [HMB⁺21]. **hashed** [MT21c]. **hashing** [SK20, YWWH22]. **haystack** [WRG⁺21]. **HDL** [AD21]. **HDP** [ZYL⁺22]. **HDP-CNN** [ZYL⁺22]. **head** [CRS⁺22, XXZ⁺21]. **health** [KAM⁺21, SHL⁺20, Esm20].

healthcare [SC21]. **heap** [YLZ⁺21]. **herd** [XW20]. **heterogeneous** [CGS22, LZCS22, RZ20b, SWYL20, ZLY⁺21]. **Heuristic** [dSFG20, vSRW⁺20]. **Heuristic-based** [dSFG20]. **hidden** [AABE20, JHD⁺20, LLL⁺20b, SZY⁺22]. **Hiding** [vDK22]. **HIE** [Esm20]. **hierarchical** [YLPZ21, ZYPT22, XLY⁺20]. **high** [GSS⁺20b, WZCP20, ZYPT22]. **high-dimensional** [WZCP20]. **higher** [GZG21]. **Highly** [FGWJ20, ADJS21, Yan20]. **highly-random** [Yan20]. **Highway** [ZYL⁺22]. **hijacking** [LLG21]. **HMM** [LWS⁺20, STM⁺20]. **hoc** [KJR⁺20, MBP20]. **HOG** [BA20]. **Holistic** [NCW⁺20]. **home** [AWJB21, MSP⁺20]. **homes** [HZKN22, Hod21]. **homogenized** [PS21]. **homomorphic** [AHL⁺21]. **Honest** [YCMM20]. **honey** [MGGR22]. **honeynet** [RZ20b, SYF⁺21, ZZ20]. **honeypot** [GSS20a]. **honeypots** [MGGR22]. **honeyword** [GZG21]. **honeywords** [TLPY21]. **Hooktracer** [CMFUA⁺20]. **hopping** [Yan20]. **hospitality** [XWY21]. **host** [MWR20, SG21]. **host-based** [MWR20]. **hot** [RCD21]. **HSMs** [GMS20]. **HSTF** [XLY⁺20]. **HSTF-Model** [XLY⁺20]. **HTLC** [MT21c]. **HTTP** [XLY⁺20]. **HTTP-based** [XLY⁺20]. **HTTPS** [ASM20]. **hull** [CXLV20]. **human** [ATJ⁺22, CAT20a, CAT20b, HG20, NCW⁺20, VS22]. **humans** [VB20]. **hunting** [JHD⁺20]. **Hybrid** [GMBN21, QMC⁺22, AD21, BBJ20, CFZL22, CCL⁺21, HZ20a, LGL21, hLHhLfw21, LJ22, MGL⁺20, OS22, PRTV22, RLW⁺20, SU21, ZZ20]. **Hybrid-featured** [GMBN21]. **HYDRA** [GMP20]. **hygiene** [NCW⁺20]. **Hyperledger** [JKSS22, LZS⁺20]. **hyperparameter** [MRG21]. **Hypervisor** [ATMN20, CDN21]. **Hypervisor-based** [ATMN20].

I-MAD [LFCD21]. **Ibn** [RNA22]. **IBV** [JPL20]. **IBV-CFI** [JPL20]. **ICS** [MGGR22]. **ICT** [MBKD21]. **ID** [RTBK21, SST21]. **identifiable** [WPS20]. **Identification** [CHP21, ALZ⁺20, BMH20, IMMS21, KZYZ22, LLL⁺22a, LWW⁺21, RGPAP20, STB⁺20, SKS21, WHPL21, WWH⁺22, ZWW⁺21]. **identifier** [ADÖU⁺20]. **identifier-based** [ADÖU⁺20]. **Identifying** [DPKHP22, LTL⁺22, AAAAS20]. **identities** [SJX⁺20]. **Identity** [MAKH21, Ogb21, MBFIdD21, Sar21, YL20]. **IDS** [AAAT22, AA22a, DTK⁺21, GSS20a, GJB22]. **IEEE** [ZM20]. **IIOT** [DZ22]. **Image** [OS22, VAW⁺20, XGS⁺21, AA20, CZX⁺21, DZZ⁺21, GJCJ20, JKR⁺21, NDPC21, OSPP22, WS21, WTC⁺22, ZZCD20]. **Image-Based** [VAW⁺20, OS22, XGS⁺21, AA20, JKR⁺21]. **image-behavior-based** [OSPP22]. **images** [GJCJ20, YWL⁺20, ZWW⁺21]. **imbalance** [GJB22]. **imbalanced** [AD21, ÇÜD21, XXZ⁺21]. **IMCEC** [VAW⁺20]. **immune** [HLL⁺21, JIG22]. **immune-based** [HLL⁺21]. **Impact** [TKS21, ARR⁺22, GAC20, HHZ21, MGTK22, Mit20, MBH20, SSL20]. **impacted** [LBL⁺20]. **imperceptible** [XMK21]. **imperfect** [YCMM20]. **implement** [CZZ⁺21]. **Implementation** [RMS⁺22, MT21a, WBNT20]. **implementing** [WNF20]. **implications** [TRH21]. **implicit** [WJT⁺22]. **improve** [MPRB21, MKL21]. **improved**

[HLYZ21, JHD⁺20, MRG21, MAAA20, SCE21]. **improvement** [ASA⁺22].
Improving [BKA20, BS20, FBL20, JK21b, LL22a, BMM22, hLHhLfw21].
In-depth [NTBH⁺22, CBFH20, YP21]. **in-task** [TN21]. **in-vehicle** [AA22a].
incentivized [DG20]. **Incident**
[Het21, SJH⁺21, AMD⁺21, HSS⁺22, SVP21, TKS21, XWW⁺20, vdKSCY22].
incidents [KN20]. **including** [FBL20]. **incomplete** [BGL⁺20, LZZ⁺21].
inconsistencies [ASM20]. **increased** [MBGF20]. **incremental**
[LLLZ21, TT20]. **independent** [JCJ⁺21]. **Indicators** [AA21c]. **individual**
[MT21b, SPV20, WMC20]. **individuals** [UÇ22]. **indomitable** [CCL⁺21].
indoor [AK20, FMA22]. **induced** [LZD⁺20]. **induction** [MAAA20].
Industrial [DAZ20, HW20, SJH⁺21, AA21c, BZE⁺20, GDK⁺21, KMH⁺22,
LZZ⁺21, MGGR22, MSZ20, NJ22, SYF⁺21, BBR20]. **industry**
[XWY21, dVABH20]. **infected** [YP21]. **inference**
[LKA⁺21, LLL⁺20b, LXZ⁺22]. **inferring** [PMF⁺20]. **influence** [Als20].
Influencing [TCJS22]. **Information**
[AWVG20, Esm20, HDS21, KKP22, LSXJ22, MD22, MBKD21, Ogb21,
PLB⁺22, SSRK20, WMC20, AGM20, ALZ⁺20, ADÖU⁺20, ALD⁺21, AKH20,
BMM22, BT21, BSFB20, BGL⁺20, CXC22, COH21, DPKHP22, DANS20,
DPK21, VVF21, FBL20, FF20, GLTH21, HQL⁺22, ILB20, KSS20, KGIS21,
KAFDW22, KIAV22, LZZ⁺21, MAR22, MGG⁺20, PLS20, RKG20, SP20,
SSHP21, SSL20, SL20, TKS21, TFP21, TN21, Wes20, WPS20, XGS⁺21,
XW20, XWY21, ZJL⁺20, dVABH20, vdSF21]. **information-theoretic**
[MAR22]. **infrastructure** [HLFR20, RTBK21, TDM⁺21, TSCM21].
Infrastructures [SSN22, KJHL22]. **initialization** [PTD20]. **initiatives**
[SEGD⁺22]. **injected** [HZX⁺21]. **injection**
[ADC⁺20, GSY⁺20, HXZ⁺21, LX21, SMvH⁺21, SGVA21, YZL⁺20]. **Inner**
[SCSO20]. **innovation** [MBKD21]. **input** [OMO20b]. **insertion** [GFM⁺22].
Insider [EYYZ20, GAC20, GSY⁺20, PF20, VB20, WRG⁺21, YW21].
insiders [VM21]. **insightful** [TSW⁺21]. **Insights**
[DPKHP22, HG20, OAA⁺22]. **Inspect** [LXC⁺20]. **instance** [ZHL⁺22].
instructions [GFM⁺22]. **instrumental** [CXC22]. **insufficient** [LWL21].
insurance [Ske22, UYMM21]. **Integrated**
[RMS⁺21, CXC22, WLHC21, ZLCA21]. **Integrating** [SSN22, XW20].
Integration [AKT21, UHK⁺21, KMOC20, LHW⁺20, SYH⁺22, ZLF⁺20].
integrity [DS21, FDK⁺22, GG22, GPK21, JPL20, KBC21, LPX20, LZS⁺20,
MT21a, TJ20, TWW21, XHB⁺21]. **Intel** [KBC21, RRM20]. **Intelligence**
[SL20, WLC⁺20, CTV21, Het21, SVP21, ZYL⁺20, ZSS21].
Intelligence-driven [WLC⁺20, SVP21]. **Intelligent**
[ALZ⁺20, BFW21, CGS22, LYW⁺21, SYF⁺21]. **intention**
[Esm20, LZL⁺22, SWK20]. **intention-behavior** [SWK20].
intention-concealed [LZL⁺22]. **Intentions** [HHZ21]. **interactions**
[VB20, WJT⁺22]. **Interactive** [RXFZ21]. **interest** [WFY⁺20]. **interference**
[Wan21]. **Internet**
[BBR20, RNA22, AKT21, AZDF20, CGCY21, FGH⁺21, HLFR20, JCJ⁺21,

KFS⁺²², LL21b, LPX20, OAA⁺²², PMF⁺²⁰, SvSZ21, SWK20, UHK⁺²¹].
Internet-of-Things [LPX20, PMF⁺²⁰]. **Interpretable** [LFC21, IMMS21].
interrogating [Ade21]. **interval** [HHSL20, WWW⁺²²]. **interventions**
 [ACC⁺²⁰]. **intra** [LWL21]. **intrinsic** [LLL^{+22b}]. **introspection** [TML⁺²⁰].
introspection-based [TML⁺²⁰]. **Intrusion**
 [LCZW20, PRTV22, SVPM21, WLHC21, AHC22, AA22a, AD21, ATMN20,
 CPRV21, GL21, GJB22, HYW⁺²¹, JLQ⁺²⁰, KS20, KDE20, LLYL21,
 LWX⁺²², LGH21, MAR22, MFA20, MSZ20, NK21, PTD20, QMC⁺²², SSG21,
 SG21, WJT⁺²², YLL⁺²², ZLF⁺²⁰]. **intrusive** [dNaJMMFM21]. **invasive**
 [BCP22]. **inverse** [GBG20]. **Invertible** [TTP20]. **Investigating**
 [CDF⁺²⁰, HSSPK21, OPK20]. **investigation**
 [AA21c, AOAA20, LCY⁺²¹, LBL⁺²⁰, SZC⁺²¹]. **investment** [SSL20].
Invoice [KLA⁺²²]. **IoHT** [MAKH21]. **iOS** [KMP⁺²⁰]. **IoT**
 [CGCY21, PMF⁺²⁰, SWK20, MB20b, AAAT22, ARB20, AWJB21, CGS22,
 CWL⁺²², CSRA22, DKSS20, FDK⁺²², HSSPK21, KJCL20, KFZ⁺²⁰,
 KSSL22, LLG20, MLM20, MSP⁺²⁰, MGL⁺²⁰, PC22, SS22, STB⁺²⁰, SKG21,
 WSC⁺²⁰, WBNT20, YWZ20]. **IPA** [LL22a]. **Iris** [SA20]. **IRL** [LL21a].
IRL-based [LL21a]. **IRP** [DLQ⁺²¹]. **irreversible** [GBG20]. **isolating**
 [JYS21]. **isolation** [CZG⁺²²]. **issue** [RZ20a, bOJW20]. **Issues**
 [MDB⁺²⁰, CBFH20]. **IT-OT** [ARR⁺²²]. **itemset** [RLW⁺²⁰].

jacking [NTBH⁺²²]. **Jadeite** [OSPP22]. **Jamming** [BCP22, Yan20].
jamming-resilient [Yan20]. **January** [Ano20p, Ano21q, Ano22]. **Java**
 [OSPP22]. **JavaScript** [AR21, FHSQ20, FHZ⁺²², HLZ⁺²¹]. **job** [RPR⁺²¹].
Joint [BT21, WWW⁺²², CLX21]. **JointGAN** [PSP⁺²²]. **JOWMDroid**
 [CLX21]. **JSContana** [HLZ⁺²¹]. **JStrong** [FHZ⁺²²]. **July**
 [Ano20q, Ano21r, Ano22m]. **June** [Ano20r, Ano21s, Ano22n]. **jure** [AKH20].
justification [KJR⁺²⁰]. **justify** [MGTK22].

Kaminsky [ZYH⁺²¹]. **Kaminsky-style** [ZYH⁺²¹]. **Keeping** [GMY22].
kernel [CZG⁺²², MSCJ21, ZQMC20]. **key**
 [HLFR20, HLZ⁺²¹, SCH⁺²⁰, TFP21]. **keys** [GMY22]. **Keystroke**
 [CMFUA⁺²⁰, BF20, LZHL20]. **keyword** [SYG⁺²¹, YLZ⁺²¹]. **kill** [BS20].
kill-chain [BS20]. **Knapsack** [ASAA21]. **know** [SJ21]. **knowledge**
 [AJHA20, BMM22, BOS⁺²¹, SRM22, SCVB21, YL20]. **KronoDroid**
 [GMBN21].

label [QY22, RZW⁺²⁰]. **label-only** [RZW⁺²⁰]. **labeling**
 [PSY⁺²², TLPY21]. **Language** [DGH21, AA21a, KJHL22, MB20a]. **Large**
 [CHP21, GMBV21, GJCJ20, SJ21, XGL20]. **Large-Scale**
 [CHP21, GJCJ20, SJ21, XGL20]. **Latent** [LK20, ZYH⁺²¹]. **Latest**
 [HSB⁺²²]. **Lattice** [SU21]. **laundering** [AKWR21]. **laws** [Olu22]. **layer**
 [BBR20, DZ22, JHD⁺²⁰, LLL^{+22c}]. **LCDA** [SSS⁺²¹]. **LDP** [SYH⁺²²].
leaders [DPKHP22]. **leads** [BPL⁺²⁰]. **leakage** [HMB⁺²¹, vdKWH20]. **leaks**

[LLLZ21]. **Learning**
 [BPW⁺20, KMG21, RKW⁺22, AAAT22, AHC22, AA22b, AA21a, AKT21, AKCS20, AA20, AYS20, AES22, AZDF20, AWJB21, AQAK21, ADC⁺20, BKA20, BTAK21, CRS⁺22, CPR21, CZS⁺21, CLS22, CNTBG21, DA20, DCSW20, FGWJ20, FGH⁺21, GMP20, GMPMS21, GFM⁺22, GJB22, HDS21, HYW⁺20, IMMS21, ISM22, JHD⁺20, JK21a, JE21, KMOC20, KS20, KSSL22, KR21, LLL⁺22a, LKA⁺21, LXC⁺20, LBL⁺20, LZG⁺22, MM21, MSG22, MGG⁺20, NDPC21, OSPP22, PRTV22, PKK⁺21, PYT20, PMF⁺20, QZT⁺22, QY22, RPR⁺21, RZW⁺20, SMCP21, SHK⁺21, SSG21, SYL⁺20, SRM22, TCYL21, TSW⁺21, UHK⁺21, WLHC21, WFT22, WJT⁺22, WTC⁺22, WWW⁺22, YWL⁺20, YW21, YPT22, ZWW⁺21, ZLY⁺21, ZJJS⁺22].
learning-based [AZDF20, DA20, KSSL22, WJT⁺22]. **Ledger** [ZYH⁺22].
length [HHS20, HMB⁺21]. **less** [PSY⁺22]. **Lessons** [CC20]. **level**
 [AVR20, CJS⁺21, LK20, LCY⁺21, NM21, SSHP21, SEGD⁺22, SYH⁺22, YZL⁺20, YWL⁺20, ZYL⁺22, ZSGB⁺22, ZZ20]. **Lever** [DANS20]. **Leviathan**
 [Da 22]. **liabilities** [HZG19, HZG20]. **library** [LCC⁺21]. **license**
 [QMW⁺20a]. **LiDL** [KJCL20]. **light** [WPS20]. **light-weight** [WPS20].
LightGBM [JLQ⁺20, LGH21]. **lightning** [vDK22]. **Lightweight**
 [GZ18, GZ20, PC22, SSS⁺21, TLKK20, ASB⁺21, LYW⁺21, LZZX21, YHZ⁺22, ZHJ⁺21, SP20]. **likelihood** [XW20]. **Limitations** [MDB⁺20].
limited [BMH20]. **LINDDUN** [RGPAF20]. **LINDDUN-based**
 [RGPAF20]. **linear** [XHWL20, YWK⁺22]. **linkage** [WLLS22]. **Linux**
 [FFPC22, HMK⁺20]. **LiSRA** [SP20]. **listing** [SWK20]. **literature**
 [AA21b, ALD⁺21, BB20, BOS⁺21, CTV21, EL22, GG22, HW20, KGIS21, PNK20, PVFM⁺21, YLL⁺22]. **liveness** [MC20]. **Local**
 [KC22, ACC⁺20, DLQ⁺21, SVA21, XHTZ20].
local-differential-privacy-based [ACC⁺20]. **Localization** [KJCL20].
location
 [AK20, AHL⁺21, BT21, CMG20, FMA22, KEK⁺21, LQY⁺20, ZJL⁺20].
location-Based [KEK⁺21, AK20, LQY⁺20]. **LocAuth** [AK20]. **Lock**
 [MT21c]. **Loeb** [Ske22]. **log** [LSWR20]. **LogDoS** [ADÖU⁺20]. **Loggers**
 [CMFUA⁺20]. **logging** [ADÖU⁺20, SSGM21]. **logging-based** [ADÖU⁺20].
Logic [DKSS20, XWW⁺20]. **Logical** [DAZ20]. **logo** [BA20]. **LogoSENSE**
 [BA20]. **logs** [RSW⁺21, XGL20]. **long** [AOA22]. **longevity** [RTBK21].
longitudinal [BMM22, GPC⁺22]. **look** [SAAW21, TK20]. **loop** [LZD⁺20].
LOPA [XHWL20]. **loss** [HX21, WTC⁺22]. **Low** [LRH⁺21]. **Low-rate**
 [LRH⁺21]. **LPSE** [GZ20, GZ18]. **LSTM** [AOA22, CLL⁺21, CFZL22].
LSTMs [RSW⁺21]. **LUT** [CJS⁺21]. **LUT-level** [CJS⁺21].

m [OO21, DS20]. **M-PIVAD** [DS20]. **m-times** [OO21]. **Machine**
 [BPW⁺20, DA20, KSSL22, RPR⁺21, RKW⁺22, RRS21, WFT22, AA22b, AA21a, AKCS20, AA20, AZDF20, AWJB21, ADC⁺20, BKA20, GMPMS21, HDS21, JHD⁺20, JE21, KR21, MSCJ21, MGG⁺20, NDPC21, PMNL21, QY22, RZW⁺20, SMCP21, SHK⁺21, UHK⁺21, YSM⁺21, YPT22]. **machines**

[KBC21]. **MAD** [LFCD21]. **Mahalanobis** [LX21]. **mail** [BA20]. **makers** [DPK20]. **making** [LZDZ21, SWK20]. **Maladaptive** [BMH21]. **Malbert** [XFY21]. **MaldomDetector** [AKCS20]. **Malicious** [AAB22, FHZ⁺22, HLZ⁺21, SWYL20, AR21, CMMST22, CDM⁺20, FHSQ20, HYW⁺20, JDBB20, KLA⁺22, LTL⁺22, MW20, MBPCC21, PSY⁺22, SM21, STB⁺20, SCW⁺22, SKM21, WFT22, ZHL⁺20, ZZCD20]. **malleability** [KAK21]. **MalSPM** [NFVN⁺22]. **Malware** [GMBN21, KC22, MDB⁺20, PLP⁺21, RSW⁺21, AYS20, AZ20, AZES21, AES22, BCS⁺21, BTAK21, CLX21, ÇÜD21, DLQ⁺21, FCSP21, GPC⁺22, GCZ21, GDG21, GMP20, GMPMS21, GFM⁺22, HSK22, IMMS21, JHD⁺20, JDBB20, JPLT20, JKR⁺21, KDDM20a, KDDM20b, KZYZ22, LL21a, LFCD21, LLL⁺22b, LSAH21, LdSP21, LLLZ20, LFW⁺22, MRG21, NBBS22, NFVN⁺22, OS22, OSPP22, OMO20b, OX22, PYT20, QZT⁺22, SBB⁺20, SGSS22, SGVA21, STM⁺20, TY22, VAW⁺20, VMS20, WTW21, XGS⁺21, XFY21, YMR⁺22, YWL⁺20, YPT22]. **Management** [MAKH21, AHSZ21, AMD⁺21, BSFB20, CGCY21, HZ20a, MLM20, MMvS20, MBKD21, NTBH⁺22, Sar21, TKS21, VBF21, YL20, ZSS21]. **manager** [SSL20]. **managerial** [GAC20]. **managers** [vdKSCY22]. **MANET** [JIG22]. **mangle** [VB20]. **manifold** [BTAK21, LHS21]. **manipulation** [KDI21]. **manoeuvres** [SGSS22]. **Manual** [RDS20]. **MapperDroid** [SLBG21]. **mapping** [CLX21, HY21, TV20]. **maps** [NRS21]. **March** [Ano20s, Ano21t, Ano22o]. **margin** [HMTC22]. **MARISMA** [RMS⁺21]. **MARISMA-BiDa** [RMS⁺21]. **MARK** [PSP⁺22]. **market** [ALD⁺21, VS20, WNI20]. **marketing** [AMA21]. **Markov** [HuRMMW22, HMMW22, LLL⁺20b, YWL⁺20, ZCJ⁺20]. **MARTE** [HZZ20]. **MASA** [SLC⁺21]. **Mask** [DZZ⁺21]. **Mask-guided** [DZZ⁺21]. **masking** [ATJ⁺22]. **massive** [RRS21]. **masterkeys** [GL22]. **matching** [LXC⁺20, MBH20, ZZCD20, ZZJC20]. **matrix** [CZZ⁺21, LSAH21, Onw20]. **mature** [SVP21]. **Maturity** [SSHP21, AA21c, NSA⁺20]. **maximizing** [YWWH22]. **maximum** [HMTC22]. **maximum-margin** [HMTC22]. **May** [Ano20t, Ano21u, Ano22p]. **Mealy** [PMNL21]. **Means** [XHTZ20]. **measurement** [LLL⁺22c, LRH⁺21]. **measurements** [KBC21]. **measures** [WFY⁺20]. **Measuring** [CJKR21, SBL20]. **mechanism** [ADÖU⁺20, DZ22, JLQ⁺20, LCL⁺20, LJ22, LJO⁺20, SCW⁺22, ZGM21]. **mechanisms** [STB⁺20]. **media** [AGM20, ALZ⁺20, ZLZC22, vdSFF20a]. **median** [WTC⁺22]. **Mediating** [vdSF21]. **medical** [GJCJ20, HZX⁺20, LLX⁺20, SBL20, RNA22]. **Meltdown** [CZG⁺22]. **Meltdown-type** [CZG⁺22]. **memorable** [GZG19, GZG20]. **Memory** [CMFUA⁺20, CCO⁺20, AN21, AOA22, BTAK21, DS20, DS21, MPRB21, PKK⁺21]. **Merkle** [HZG20, HZG19]. **message** [XW20, ZY21]. **meta** [KTH20, ZJJS⁺22]. **meta-analysis** [KTH20]. **meta-learning** [ZJJS⁺22]. **Metadata** [SJ21, BS20]. **Metamorphic** [NFVN⁺22, GMPMS21, LSAH21]. **meters** [GZ18, GZ20]. **Method** [RDM20, TRM22, AZ20, ATGK22, CLL⁺21, CKG22, CMG20, DLQ⁺21, HYW⁺21, HHSL20, HLL⁺21, HZZ20, HLYZ21,

KS20, LLL⁺22a, LL21a, LC21, hLHhLfw21, LLLZ20, LRH⁺21, LHS21, LCC⁺21, LJ22, MFA20, MGL⁺20, NK21, NJ22, PLW⁺21, QZT⁺22, RZ20b, SGS⁺22, WLQ20, WTX⁺22, XFY21, XHWL20, YZL⁺20]. **method-based** [CKG22]. **Methodology** [CHP21, FFPC22, KMH⁺22, LZZ⁺21, PFR20, dNaJMMFM21]. **methods** [BBA20, BKPZ21, CSKD22, KKS⁺22, Les21, SHSK20, WLHC21, WRG⁺21, YLL⁺22]. **metric** [AQAK21]. **metrics** [OCJ20, PFR20]. **MGA** [AA22a]. **MGA-IDS** [AA22a]. **microarchitectural** [CJJ⁺22]. **micropayments** [KK20]. **microscope** [BDC⁺22]. **Microscopic** [NMCRB21]. **microservice** [PVFM⁺21]. **microservice-based** [PVFM⁺21]. **microservices** [JQYL22]. **Microsoft** [KLA⁺22]. **middle** [LLG20]. **migration** [GMS20]. **MIL** [DMRV21]. **MIL-STD-1553** [DMRV21]. **MILS** [CDN21]. **mimic** [LZCS22]. **mimic-based** [LZCS22]. **min** [YWWH22]. **min-entropy** [YWWH22]. **Mind** [PKK⁺21]. **miner** [YCMM20]. **minimized** [CZZ⁺21]. **Mining** [WTL⁺21, NFVN⁺22, RLW⁺20, TT20, YCMM20]. **MIPS** [ZZJC20]. **Misinformation** [SAJP22]. **missing** [TRH21]. **mitigate** [RJ21]. **Mitigating** [ZTJ⁺21]. **Mitigation** [WFY⁺20, FVF21, IHJZ21, LJ22, SDG20, TD21]. **mix** [MLM20]. **mixed** [DMB21]. **Mixing** [BCD21]. **mixture** [HMK⁺20]. **mixture-based** [HMK⁺20]. **ML** [LLLZ20]. **ML-based** [LLLZ20]. **MLP** [WLQ20]. **MLP-based** [WLQ20]. **mobile** [AA22b, CDM⁺20, GG21, IMMS21, JK21b, KJR⁺20, KKS⁺22, LMZZ22, LPX20, MT21a, MB20b, OO21, RSEK20, SMvH⁺21, XGL20, YWZ20, ZLCA21]. **mode** [TH21]. **Model** [AAB22, CDM⁺20, KC22, TAES20, ZLF⁺20, AGM20, AHC22, AES22, AJHA20, AOAA20, BS20, CB22a, ÇÜD21, CLL⁺21, DPK20, DS21, FF20, GSS20a, HDS21, IMMS21, JLB22, KG20, LL22a, LGJW21, LJO⁺20, LLZJ22, LWLT21, MSCJ21, MCS22, MHSK21, MDR20, MAAA20, MGG⁺20, NSA⁺20, PLW⁺21, SZY⁺22, SYF⁺21, Ske22, Sun21, TZZ⁺21, TY22, Vu22, WNF20, WLHC21, WYW⁺22, XLY⁺20, XW20, YKN21, YHZ⁺22, YZW⁺20, ZWW⁺21, ZZWF21, ZSS21, vdKWH20, XLY⁺20]. **Model-based** [TAES20]. **Modeling** [CKG22, KG20, SS22, YK22, ZYH⁺21, ZGNZ21, tBLLV21, HZZ20, KJHL22, SHSK20, WTW21]. **Modelling** [ARR⁺22, HuRMMW22, HMMW22, MSMH21]. **Models** [IMN22, ATJ⁺22, CBFH20, FXZ22, FBL20, HMK⁺20, PSN⁺22, QY22, RZW⁺20, WZZ⁺22]. **moderating** [VM21, XWY21]. **moderation** [SAJP22]. **modern** [KJHL22, MLV⁺21]. **modification** [BWB⁺21]. **modified** [XYH⁺20]. **Module** [HSK22]. **modules** [MPRB21]. **Monitor** [Kha21]. **monitoring** [DABB20, LCL⁺20]. **Moore** [LQY⁺20]. **morphological** [Onw20]. **Motivation** [vdKWH20, CXC22, VM21]. **Motivation-Behaviour** [vdKWH20]. **Moving** [TV20, HZX⁺21, HXZ⁺21, TZZ⁺21, ZCJ⁺20]. **MPDS** [SYH⁺22]. **MPDS-RCA** [SYH⁺22]. **MPSAutodetect** [AAB22]. **MPTCP** [KDI21]. **MQTT** [MVH⁺21]. **MTC** [YM22]. **MTD** [AHKJJ21]. **Multi** [AZES21, CB20, DG20, LLL⁺22c, SYH⁺22, BBR20, CTV21, GPK21, LLL⁺20a, LLX⁺20, LJO⁺20, OZW⁺21, SMCP21, SLC⁺21, SCCZ20,

TSCM21, WZZW20, WTW21, WS21, XXZ⁺21, ZCJ⁺20, ZZWF21].
multi-attributed [SLC⁺21]. **multi-cloud** [TSCM21]. **multi-device**
 [SMCP21]. **Multi-dimensional** [CB20]. **multi-factor** [SCCZ20, WZZW20].
multi-head [XXZ⁺21]. **Multi-layer** [LLL⁺22c, BBR20]. **Multi-level**
 [SYH⁺22]. **multi-model** [LJO⁺20]. **multi-objective** [ZCJ⁺20].
multi-operation [WS21]. **multi-party** [LLX⁺20]. **multi-path** [LLL⁺20a].
Multi-Perspective [AZES21]. **multi-prototype** [WTW21]. **multi-replica**
 [GPK21]. **multi-server** [WZZW20]. **multi-stage** [ZZWF21]. **multi-view**
 [OZW⁺21]. **multi-vocal** [CTV21]. **Multiclass** [VMS20]. **multidimensional**
 [HXZ⁺21]. **multidisciplinary** [CGCY21]. **Multifractal** [NH21].
Multigranularity [HQL⁺22]. **multilingual** [MFI20]. **multimedia** [ZHJ⁺21].
Multimodal [LTU⁺21, GMP20]. **multiobjective** [CPR21]. **multiparty**
 [BK22]. **multipath** [KDI21]. **multiple**
 [KAM⁺21, MLM20, WTX⁺22, ZZL⁺22]. **multiple-mix-attack** [MLM20].
multiple-source [WTX⁺22]. **multiple-type** [ZZL⁺22]. **multistage**
 [LGJW21]. **Multiuser** [DZ22]. **multivariate** [ATMN20, CVL22].
Multivocal [PVFM⁺21, BOS⁺21]. **Mutual** [KKRP21, AMAA21, OO21].
mutually [SBY⁺22]. **my** [CDG22, RCD21]. **Myanmar** [CC20].

naïve [GL21, Vu22]. **named** [WFY⁺20]. **names** [AKCS20]. **Narrative**
 [TRH21, Gal20b]. **NAT** [MSP⁺20]. **National**
 [SEG⁺22, ASA⁺22, LHGB21, TDM⁺21]. **natural** [AA21a]. **nature**
 [Ade21]. **navigation** [DCS⁺22, ZY21]. **nearest** [SYG⁺21]. **need**
 [BCdGG20, SJ21]. **need-to-know** [SJ21]. **needle** [WRG⁺21]. **needs**
 [SL20, UNBF21]. **Negated** [IMN22]. **Negative** [IMN22, YFO⁺21]. **Neo**
 [MT21c]. **NetObfu** [LZZX21]. **Network**
 [BBMW21, EYYZ20, HXZ⁺21, LZDZ21, LXZ⁺22, MAK21, PLB⁺22,
 ZSGB⁺22, AKWR21, AD21, AR21, AJHA20, AOA22, BTM21, CPRV21,
 CFZL22, CSKD22, DPKHP22, FHZ⁺22, FEA22, FF20, GCZ21, GYL⁺20,
 GJCJ20, GJB22, HZM21, JPLT20, JKR⁺21, JCJ⁺21, KDDM20a, KDDM20b,
 KSSL22, LWX⁺22, LLL⁺22c, LGH21, LZZX21, LFHH22, LWZ22, LHW⁺20,
 MSCJ21, MVH⁺21, NK21, PSP⁺22, PLP⁺21, QMW20b, RJ21, SS22, SSG21,
 SDG20, SYG⁺21, TLKW20, Tek21, TY22, WNF20, WJT⁺22, YLPZ21,
 YCMM20, YLL⁺22, ZLY⁺20, ZZL⁺22, ZYL⁺22, ZHL⁺20, ZJJS⁺22, vDK22].
Network-based [HXZ⁺21, GJB22]. **network-edge** [KSSL22].
network-independent [JCJ⁺21]. **networking**
 [MHSK21, WFY⁺20, YPDC20]. **Networks**
 [KJCL20, AKWR21, AA22a, ADÖU⁺20, AK20, AGVA21, AWJB21,
 AOAA20, BK22, DTK⁺21, HAKK21, ISM22, JQYL22, KJR⁺20, LTL⁺22,
 LKW⁺20, LKA⁺21, LZL⁺22, MLM20, MT21a, MBP20, MRG21, MBGF20,
 MT21c, NRS21, NR22, PYT20, QMW⁺20a, RHDF21, SLC⁺21, SWYL20,
 WTX⁺22, WP21, WS21, XCSZ21, XMK21, XHW⁺22, YMR⁺22, YM22,
 Yan20, ZM20, ZMQ21, ZLY⁺21, MBGF20]. **networks-based** [YMR⁺22].
networks-CAN [AA22a]. **Neural**

[AKWR21, BK22, FHZ⁺22, FEA22, GJCJ20, ISM22, JPLT20, JKR⁺21, LKA⁺21, MRG21, MBGF20, MT21b, NRS21, PLP⁺21, QMW⁺20a, Tek21, TY22, XMK21, XHW⁺22, YMR⁺22, ZZL⁺22, ZYL⁺22, ZJJS⁺22].

neuroimaging [MT21b]. **Neuronal** [BCP22]. **neutralization** [SPV20]. **Never** [BOS⁺21]. **news** [MGG⁺20]. **next** [RCA20]. **NFV** [LLYL21]. **NLP** [SZY⁺22, SZC⁺21]. **NLP-based** [SZC⁺21]. **Node** [AMNR20, ZSGB⁺22]. **nodes** [JIG22, LTL⁺22]. **noise** [DZZ⁺21, GSE20, HX21, HHL⁺22]. **Non** [RXFZ21, TTP20, BTM21, CWL⁺22, DS20, DPSN20, HSL20, KLNW21, LWZ22, MD22, Sar21, dNaJMMFM21, MBKD21]. **non-compliance** [MD22]. **non-control** [DS20]. **non-convex** [KLNW21]. **non-directional** [LWZ22]. **non-English** [DPSN20]. **non-ICT** [MBKD21]. **Non-Interactive** [RXFZ21]. **non-intrusive** [dNaJMMFM21]. **Non-Invertible** [TTP20]. **non-parametric** [BTM21]. **non-repudiation** [CWL⁺22]. **non-transferable** [Sar21]. **non-uniform** [HSL20]. **nonnegative** [LSAH21]. **nonparametric** [MCS22]. **nonproprietary** [MB20a]. **NOP** [GFM⁺22]. **normalizing** [ISM22]. **normative** [PF20]. **Novel** [ADÖU⁺20, FEA22, GBA22, BTM21, BS20, CZCX20, CZX⁺21, DNB⁺20, GKC22, IB20, JKR⁺21, LLL⁺22a, LKA⁺21, LLYL21, LLL⁺22b, LLLZ20, LWL21, MSCJ21, MCS22, MSG22, MSP⁺20, NK21, OSPP22, PMNL21, Tek21, TY22, WTW21, XFY21, YCCZ21, ZLY⁺20, ALZ⁺20]. **November** [Ano20u, Ano21v]. **NS** [YFO⁺21]. **NSAPs** [ZLY⁺20]. **NTFS** [OPK20]. **NTP** [TH21]. **Nudging** [GZGG20, PSCT21]. **number** [ACC⁺20]. **numerically** [HHL⁺22].

O2O [RDS20]. **OASoSIS** [KAFDW22]. **obfuscate** [GFM⁺22]. **Obfuscated** [KC22]. **obfuscation** [BT21, CMG20, LZZX21, LXZ⁺22, ZTY⁺20b]. **Object** [Kha21, CZCX20, CZX⁺21]. **Object-Oriented** [Kha21]. **objective** [ZCJ⁺20]. **objectives** [PFR20]. **objects** [EZLC21]. **oblivious** [RRM20]. **occurrence** [FBL20]. **October** [Ano20v, Ano21w]. **off** [SYL⁺20]. **Office** [KLA⁺22]. **offloading** [YWZ20]. **offset** [XHWL20]. **one** [RRMSM⁺20]. **one-class** [RRMSM⁺20]. **online** [ATMN20, AJHA20, AOAA20, BFW21, CMG20, GG22, JB22, PSCT21, SCE21, SCCZ20, SZC⁺21, SZL⁺22, WTX⁺22, ZNL⁺20]. **Onlooker** [FVF21]. **only** [RZW⁺20]. **Open** [MDB⁺20, WWH⁺22, AGVA21, KG20, NDDH⁺21, RCD21, SZY⁺22]. **Open-Set** [WWH⁺22]. **open-source** [KG20, NDDH⁺21]. **OpenC2** [MB20a]. **operating** [SGVA21]. **operation** [WS21]. **operations** [BRM21, SVP21]. **opinion** [DPKHP22]. **opportunistic** [RHDF21]. **opportunities** [CBFH20, DCB⁺21, HAKK21, YW21]. **Opportunity** [vdKWH20]. **optical** [LWZ22]. **Optimal** [AA22a, GDG21, TZZ⁺21]. **Optimisation** [UYMM21, BK22]. **optimising** [MMvS20, MC20]. **Optimization** [LS20, YPT22, CLX21, CXLV20, CSKD22, NK21, PRTV22, WWH⁺22]. **Optimization-based** [LS20]. **Optimized** [CSKD22, KR21, MT21a, CZZ⁺21, CZS⁺21]. **Optimizing** [SBB⁺20].

Optiwords [GZG19, GZG20]. **oracle** [HCLRM20]. **oracle-based** [HCLRM20]. **Orchestration** [SGSS22]. **order** [VMS20]. **organisational** [dVABH20]. **organisations** [AMA21, KGIS21]. **organization** [ZWX⁺20]. **organization-friendly** [ZWX⁺20]. **organizational** [HG21, PF20, VM21]. **organizations** [AMD⁺21, DPKHP22, PNK20, vdKWH20]. **organizing** [NRS21]. **Oriented** [Kha21, KFZ⁺20, OMO20a, WLC⁺20]. **OSINT** [TRM22]. **OSS** [CDF⁺20]. **OT** [ARR⁺22]. **outlook** [ZT21]. **outsourcing** [CQL⁺21, RXFZ21, RLW⁺20, ZZCD20]. **overcome** [SPV20]. **overflow** [LZD⁺20, ZZL⁺22]. **overloading** [KTGDE20]. **oversampling** [LGH21]. **own** [PNK20]. **Oxley** [Wes20].

P4 [YPDC20]. **P4-to-blockchain** [YPDC20]. **PAC** [WP21]. **packet** [YPDC20]. **page** [BA20, CZG⁺22]. **page-Table** [CZG⁺22]. **Pages** [GZ20, GZG20]. **pairwise** [AQAK21]. **pandemic** [LSN⁺21]. **paradigms** [CRS⁺22]. **paradox** [ARB20, MT21b, WP21]. **parallel** [JLQ⁺20]. **parameters** [CLX21, SVA21]. **parametric** [BTM21]. **parser** [YPDC20]. **partial** [STM⁺20]. **particle** [CSKD22]. **partitioning** [KDDM20a, KDDM20b]. **party** [LLX⁺20]. **Passive** [ASI⁺20a, ASI⁺20b]. **Passive-** [ASI⁺20a, ASI⁺20b]. **Passphrase** [BF20, MFI20]. **PASSVM** [ADJS21]. **Password** [GBA22, DPSN20, GZ18, GZG19, GZ20, GZG20, GZGG20, HMB⁺21, LZCS22, SW22, SPV20]. **password-strength** [GZ18, GZ20]. **passwords** [GZG19, YHZ⁺22]. **PasswordTensor** [SW22]. **patches** [SCL⁺21]. **path** [ADÖU⁺20, LLL⁺20a, hLHhLfW21]. **paths** [SKG21]. **patient** [Esm20, RNA22]. **pattern** [NFVN⁺22, RMS⁺21, SKM21]. **pattern-based** [SKM21]. **patterns** [JDBB20, WTL⁺21]. **payload** [HHSL20, LFHH22]. **Payment** [CB22b, AVR20, FXZ22, MSMH21, MT21c, vDK22]. **payments** [DSC20, vDK22]. **PCA** [RXFZ21]. **PCA-Based** [RXFZ21]. **PCaaD** [GDK⁺21]. **Peculiarities** [CDF⁺20]. **PEDR** [LLZJ22]. **perception** [KKS⁺22, VBF21]. **perceptions** [PF20, RCD21, SAAW21]. **performance** [DCB⁺21, LHGB21, RMS⁺22, SK20, dNaJMMFM21]. **permission** [HZ20a, OMO20a]. **permission-based** [HZ20a]. **permissioned** [ASB⁺21, DCB⁺21, SJX⁺20]. **permissionless** [LLZY20]. **permissions** [MB20b, SLBG21]. **Persistent** [HZ20b, CZPX22, XGL20, ZGNZ21]. **Personal** [SGS⁺22, COH21, WP21]. **personality** [FF20, GZGG20]. **personalized** [GZGG20, LC21]. **personally** [WPS20]. **Perspective** [AZES21, ASM20, Als20, BDC⁺22, HHZ21, HQL⁺22, Les21, MBKD21, TSW⁺21, VB20, ZWW⁺21]. **Perspectives** [dVABH20, HSB⁺22, QS22]. **persuasiveness** [XW20]. **perturbation** [CZX⁺21]. **perturbations** [VS22]. **Phase** [DKSS20, LLZJ22]. **Phishing** [XXZ⁺21, dSFG20, AA21a, AMM⁺21, BFW21, BMH21, BA20, FF20, GMBV21, LGJW21, TCY⁺20, ZYL⁺22]. **PHRiMA** [HZ20a]. **phylogenetic** [CDM⁺20]. **Physical** [CCO⁺20, PC22, SMvH⁺21, AJ20, CPT⁺22, DZ22, GKC22, HZX⁺21, HZ20b, HLYZ21, LZZ⁺21, SAAW21, SKG21, TAES20, XHW⁺22, bOJW20]. **PIN**

[BKPZ21]. **PIN-entry** [BKPZ21]. **pitfalls** [BCdGG20, BCS⁺21]. **PIVAD** [DS20]. **PKI4IoT** [HLFR20]. **PKIs** [GMY22]. **place** [WK20]. **plan** [LLL⁺20b]. **plane** [WLC⁺20]. **planning** [CMG20, MGZ⁺20]. **plant** [RDM20, SRM22]. **plants** [SRM22]. **plate** [QMW⁺20a]. **platform** [Arc20, SZC⁺21]. **platforms** [DCB⁺21, RDS20, ZSS21]. **Plausible** [RKW⁺22]. **PLC** [XWW⁺20]. **PLC-SEIFF** [XWW⁺20]. **point** [LLZJ22]. **poisoning** [XHWL20, ZYH⁺21]. **poker** [RCD21]. **polar** [HZM21]. **policies** [GZGG20, LLL⁺22c, MYMC20, PNK20, RKS20, RKG20, SST21, WP21]. **Policy** [GBA22, CPT⁺22, CDG22, CZZ⁺21, CXC22, Esm20, GZG19, GZG20, KKP22, MFI20, MD22, MHSK21, PLS20, SPV20, TN21, XWY21]. **Politeness** [HG20]. **political** [DANS20]. **polymethodological** [CYL⁺21]. **poor** [BPL⁺20]. **population** [KIAV22]. **port** [GKB21]. **portfolio** [LLZ22b]. **position** [YLZ⁺21]. **position-heap-based** [YLZ⁺21]. **possible** [MDR20]. **post** [MM21]. **post-exploitation** [MM21]. **potential** [CSRA22]. **Power** [IMN22, NTBH⁺22, AGVA21, DPKHP22, HZX⁺21, HXZ⁺21, KTGDE20, LX21, SSN22]. **powerful** [PCR20]. **Powershell** [AAB22]. **PPIS** [GJCJ20]. **Practical** [SZL⁺22]. **practice** [AMD⁺21, Als20, SHK⁺21, VB20]. **practices** [BSFB20, MMvS20, UNBF21]. **practitioners** [SSH21, SL20]. **Pragmatism** [GHOS22]. **Pre** [MPRB21, XFY21]. **Pre-processing** [MPRB21]. **pre-training** [XFY21]. **Precise** [GAL⁺20a]. **precision** [JPL20]. **precursor** [OCB21]. **predict** [ASI⁺20a, ASI⁺20b]. **predicting** [Wes20, ZLY⁺21, ZZL⁺22]. **Prediction** [EYYZ20, AZ20, AES22, HDS21, TWW21, WBN⁺20, WWW⁺22, ZLY⁺20, ZTY⁺20b, dSFG20]. **predictive** [FBL20]. **preference** [ZLY⁺21]. **preparedness** [LK20]. **preprocessing** [ZSGB⁺22]. **presence** [CJJ⁺22, CL20]. **presentation** [OFIdD⁺20]. **preservation** [FGWJ20, LHH⁺20, TSW⁺21, VS20, WTX⁺22, ZNF21]. **preserve** [GYL⁺20]. **Preserving** [CBK⁺20, CCL⁺21, JKSS22, LZG⁺22, STH⁺22, TLKK20, AN20, DTK⁺21, FGH⁺21, GJCJ20, HZX⁺20, ILB20, JPL20, KAM⁺21, LLX⁺20, LYW⁺21, LQY⁺20, MZA⁺20, PHH⁺20, RHDF21, RNA22, SMCP21, SBY⁺22, SJX⁺20, SYH⁺22, Vu22, WZCP20, WK20, YM22, YWZ20, YLZ⁺21, YFO⁺21, ZXZ⁺20, ZNL⁺20, ZLZC22, ZZCD20]. **pressure** [CAT20a, CAT20b, MKL21]. **pressure-based** [MKL21]. **prevent** [HKM22]. **Preventing** [TH21, JYS21]. **Prevention** [HKM22, ADÖU⁺20, LLG21, SST21, vdKWH20]. **Preventive** [LLZ22b, MBKD21]. **prices** [LLJ21]. **pricing** [LYW⁺21, SGS⁺22]. **principlist** [FWR21]. **printer** [NMCRB21]. **printing** [NMCRB21]. **prioritisation** [TCJS22]. **prioritization** [JLB22]. **Prioritizing** [TTRY20]. **priority** [hLHhLfW21]. **Privacy** [CBK⁺20, FGH⁺21, GJCJ20, JKSS22, LLX⁺20, LQY⁺20, LLL⁺22c, LZG⁺22, OSTO20, STH⁺22, TSW⁺21, Vu22, WZCP20, YWZ20, ZNL⁺20, ZZCD20, vdSFF20b, AGM20, AVR20, ARB20, ASAA21, AN20, AZDF20, ACC⁺20, BT21, CZS⁺21, COH21, Esm20, FGWJ20, FMA22, GYL⁺20, GSLS21, HSB⁺22, HSSPK21, HHL⁺22, HZX⁺20, ILB20, JB22, KLNW21, KAM⁺21, KEK⁺21, LYW⁺21, LC21, LCL⁺20, LBL⁺20, LHH⁺20, MCS22, MZA⁺20, MB20b, MT21b, Olu22, PHH⁺20, PFHB21,

RHDF21, RNA22, RGPAF20, RSEK20, SMCP21, SBY⁺22, SJX⁺20, SGS⁺22, SHL⁺20, SYH⁺22, SvSZ21, SYL⁺20, SWK20, TGOFF22, TLKK20, VS20, WK20, WTX⁺22, WLLS22, WP21, XHTZ20, YM22, YLZ⁺21, YFO⁺21, ZJL⁺20, ZXZ⁺20, ZLZC22, bOJW20, vdSFF20a]. **privacy-aware** [MCS22]. **privacy-based** [KEK⁺21]. **Privacy-Preserving** [JKSS22, LZG⁺22, STH⁺22, FGH⁺21, GJCJ20, LLX⁺20, LQY⁺20, Vu22, WZCP20, YWZ20, ZZCD20, TLKK20, AN20, HZX⁺20, ILB20, LYW⁺21, MZA⁺20, PHH⁺20, RHDF21, RNA22, SMCP21, SBY⁺22, SJX⁺20, SYH⁺22, WK20, YM22, YLZ⁺21, YFO⁺21, ZXZ⁺20, ZLZC22]. **private** [FFPC22, GMY22, GSS⁺20b, HX21, ISM22, KGIS21, LGL21, RPR⁺21, SVA21, SZL⁺22, ZNF21, ZYPT22, vDK22]. **PrivySharing** [MZA⁺20]. **proactive** [HZ20b]. **Probabilistic** [HMMW22, KJHL22, LLL⁺20b, HuRMMW22]. **problem** [TT20]. **proces** [HuRMMW22]. **Process** [JKSS22, CDF⁺20, HDS21, HMMW22, MMvS20, SDG20, SRM22]. **processes** [RGPAF20, SG21, ZCJ⁺20]. **processing** [AA21a, FF20, MPRB21, MLV⁺21]. **procmonML** [MWR20]. **procurement** [LLJ21, NM21]. **Product** [ZTJ⁺21]. **profiling** [ZPP20]. **program** [HSL20]. **programmable** [XWW⁺20]. **programming** [WLC⁺20]. **Programs** [Kha21, AMA21]. **progress** [Ano20p]. **project** [NDDH⁺21, TCJS22]. **Projects** [GHOS22, CDF⁺20]. **promise** [SEG22]. **Proof** [WSC⁺20, BBBB⁺20, YL20, YZW⁺20]. **proof-of-concept** [BBBB⁺20]. **proof-of-X** [YZW⁺20]. **propagation** [ARR⁺22, ZGNZ21]. **Proposed** [AN21]. **prosocial** [CXC22]. **prospects** [KFS⁺22]. **protect** [AZDF20]. **Protecting** [WK20, IE22, SU21]. **protection** [BT21, CBFH20, FMA22, HCLRM20, HHL⁺22, LC21, LBL⁺20, LLL⁺22c, SA20, VCD22, VM21, XX20]. **protection-capable** [HHL⁺22]. **protective** [BMM22]. **Protocol** [OYZ⁺20, ZY21, AMAA21, ASB⁺21, LQY⁺20, LLZY20, MSMH21, NR22, PHH⁺20, RNA22, SCH⁺20, WSC⁺20, YM22]. **protocols** [AN20]. **prototype** [QZT⁺22, WTW21]. **prove** [HZG19, HZG20]. **Provenance** [HP20, LCY⁺21]. **provision** [UHK⁺21]. **proximity** [AAAAS20]. **Proxy** [OYZ⁺20]. **PSOGSARFC** [BBMW21]. **psychological** [BKA20]. **PTB** [XHW⁺22]. **public** [AOA22, CPRV21, GPK21, HLF20, ILB20, KDE20, KGIS21, SSRK20, VS20]. **public-good** [VS20]. **publishing** [WZCP20, WK20, ZNF21]. **PUF** [DKSS20, LL21b]. **PUF-based** [LL21b]. **Pufferfish** [LCL⁺20]. **PUFs** [PHH⁺20]. **purchase** [HSSPK21]. **purpose** [KDE20]. **PVIDM** [ZZCD20]. **pyramid** [WTL⁺21, ZYL⁺22].

Q [LZDZ21]. **Q-network** [LZDZ21]. **QoS** [SYL⁺20]. **QSEE** [KM22]. **quad** [LGL21]. **quad-tree** [LGL21]. **Qualcomm** [KM22]. **Qualifying** [SBL20]. **quality** [LLJ21]. **Quantifiable** [IB20]. **Quantifying** [HMB⁺21]. **Quantitative** [LZZ⁺21, tBLLV21, MDR20]. **quantum** [Mit20]. **queries** [PCK20, SYG⁺21]. **Query** [RZW⁺20, AHL⁺21, LQY⁺20, YLZ⁺21]. **Query-efficient** [RZW⁺20]. **quest** [SVP21]. **quo** [BSFB20].

R [HLYZ21]. **R-CNNs** [HLYZ21]. **RA** [KFZ⁺20]. **radio** [Yan20]. **raising** [SEGD⁺22]. **RAM** [RRM20]. **Random** [ÇÜD21, XYH⁺20, LCZW20, Yan20]. **randomization** [WLC⁺20]. **randomly** [PMNL21]. **Randpay** [KK20]. **range** [LLZJ22]. **Ranges** [RCA20, YKG20, YK22]. **RansomSpector** [TML⁺20]. **Ransomware** [BBA⁺21, CB22b, FACHC21, MBS20, DMB21, FXZ22, FK22, LL22b, MKC⁺21, TML⁺20, YP21, ZJJS⁺22]. **Ransomware-as-a-Service** [MBS20]. **rate** [LRH⁺21]. **Rating** [ZTJ⁺21]. **Rationality** [Het21]. **RCA** [CZCX20, SYH⁺22]. **RCA-SOC** [CZCX20]. **Rcryptect** [LsJC⁺22]. **re** [ZWW⁺21]. **re-compressed** [ZWW⁺21]. **reactions** [ALD⁺21]. **readiness** [AA21c]. **Real** [ACLA22, JLQ⁺20, LsJC⁺22, AYS20, BTM21, JZQ⁺22, LGJW21, LZD⁺20, MFA20, Mit20, XHW⁺22]. **Real-time** [JLQ⁺20, LsJC⁺22, BTM21, MFA20]. **Real-world** [ACLA22, JZQ⁺22, LZD⁺20, Mit20]. **reality** [WRG⁺21]. **really** [KMP⁺20]. **recipient** [KK20]. **Recognition** [CBK⁺20, ACLA22, BA20, CZX⁺21, LLL⁺20b, QMW⁺20a, RXFZ21, SAAW21, STH⁺22, WTW21, ZHL⁺20]. **recommendation** [MGL⁺20, RSEK20, SVA21, ZD21]. **recommendations** [US20]. **recommender** [HSB⁺22]. **reconfigurable** [LZCS22]. **record** [HSL20, SHL⁺20]. **record/replay** [HSL20]. **records** [KAM⁺21]. **recover** [YCCZ21]. **recovery** [LZCS22]. **Recurrent** [JPLT20, LZDZ21]. **red** [RCD21]. **red-hot** [RCD21]. **Redefining** [VM21]. **Reducing** [CB22b]. **reduction** [SMC⁺21]. **redundancy** [AHKJJ21]. **reference** [ZZJC20]. **referencing** [AHL⁺21]. **reflected** [CPR21]. **Reflection** [LJO⁺20, GAL⁺20a]. **refocusing** [CZCX20]. **region** [ACC⁺20, BSFB20]. **regional** [ASM20, LHGB21]. **regression** [KIAV22]. **regulation** [CXC22]. **regulations** [Olu22]. **reinforcement** [CPR21, CZS⁺21, GFM⁺22, MM21]. **Related** [CHP21, HHZ21, LdSP21]. **relation** [YWWH22]. **relation-based** [YWWH22]. **relationship** [MYMC20, WMC20]. **relationships** [WNI20, ZYH⁺22]. **relevant** [PF20]. **Remote** [KBC21, KFS⁺22]. **Removing** [AKWR21]. **rendezvous** [Yan20]. **renewable** [OCJ20]. **Repackage** [MRSV21]. **Repackaging** [MRSV21]. **replacement** [XHB⁺21]. **replay** [HSL20]. **replica** [GPK21]. **replication** [CPRV21]. **Representation** [WJT⁺22, FHZ⁺22]. **representations** [ZYL⁺22]. **repudiation** [CWL⁺22]. **reputation** [SSL20]. **repute** [WSC⁺20]. **request** [OMO20b]. **requests** [OMO20a]. **require** [KK20]. **Requirements** [RKG20, KKP22, NSA⁺20, Olu22]. **requiring** [BCP22]. **Research** [ZHJ⁺21, AA21b, BBA⁺21, BCS⁺21, BOS⁺21, GB21, GCS22, HAKK21, KKAS21]. **Resilience** [CCO⁺20, ESBJ20, SSN22, XCSZ21]. **Resilient** [BTM21, MWR20, OO21, WLC⁺20, Yan20]. **resistant** [BKPZ21]. **resisting** [SYH⁺22]. **resolution** [BCP22]. **Resource** [ZZW⁺21, JE21, OCJ20, XX20]. **resource-efficient** [JE21]. **Response** [DANS20, SJH⁺21, AMD⁺21, AMAA21, BMH21, MGTK22, SVP21]. **responses** [FVF21]. **responsibilities** [PF20]. **restoration** [WTC⁺22]. **restriction** [DZZ⁺21]. **restructuring** [SDG20]. **results** [SEGD⁺22]. **resurrection** [CCL⁺21]. **Rethinking** [HMTTC22]. **Retrospect** [ZT21].

Reverse [XMK21, HP20]. **Reversing** [GBG20]. **Review** [KKJ⁺21, Les21, YW21, ZTJ⁺21, AWVG20, AA21b, ALD⁺21, BKPZ21, BB20, BOS⁺21, CTV21, EL22, ESBJ20, Gal20b, GB21, GG22, HSB⁺22, HKM22, HW20, IHJZ21, KGIS21, NRS21, PNK20, PVFM⁺21, RDS20, SL20, SHSK20, TRH21, YLL⁺22]. **Reviewer** [Ano21x, Ano22q]. **revisited** [PCR20]. **revocation** [AHSZ21, KJR⁺20]. **revolution** [AA21c]. **rewards** [BMH21]. **rewriting** [MYMC20]. **Riemannian** [LHS21]. **rights** [PF20]. **Risk** [BSFB20, EYYZ20, EAN⁺22, SP20, tBLLV21, vSRW⁺20, AVR20, AJ20, ASI⁺20a, ASI⁺20b, CB22a, CGCY21, DGH21, FBL20, GKB21, HLL⁺21, HZ20a, KAFDW22, KTH20, RMS⁺21, SDG20, TAES20, VBF21, WNF20, vdSFF20a, vdSFF20b]. **risk-aware** [AJ20]. **risk-based** [CB22a]. **Riskio** [HMPS20]. **risks** [HZKN22, MDR20]. **risky** [MDR20]. **RisQLan** [tBLLV21]. **RNN** [LZHL20]. **RNNIDS** [SSG21]. **road** [SYG⁺21]. **Robust** [AES22, LWW⁺21, XHW⁺22, KAM⁺21, KDDM20a, KDDM20b, LX21, MT21a]. **robustness** [HMT22, ISM22, MAR22, MBGF20, SCH⁺20]. **rogue** [LLZJ22]. **role** [ASA⁺22, CPRV21, LHGB21, TN21, TT20, VM21]. **Roles** [GHOS22, Ogb21, BMH21]. **rotation** [CRS⁺22]. **route** [CMG20]. **routing** [OCJ20, RJ21]. **RPL** [SVP21]. **rule** [MAAA20]. **runtime** [CXLV20, KFZ⁺20].

Safety [CCO⁺20, PSCT21]. **sailfishos** [TK20]. **sample** [QZT⁺22]. **samples** [DTK⁺21, SZY⁺22]. **samplings** [BMH20]. **sanctity** [ATGK22]. **sandbox** [SGSS22]. **sandboxes** [LFW⁺22]. **Sarbanes** [Wes20]. **Saudi** [ARB20]. **SBTDDL** [MSG22]. **SCADA** [SKM21, US20]. **Scalable** [KDDM20a, KDDM20b, LZS⁺20, SWYL20]. **Scale** [CHP21, CJKR21, BPL⁺20, GJCJ20, SJ21, XGL20]. **scaling** [UC22]. **scams** [XWZ⁺20]. **scanner** [BLSS22]. **scenario** [LLYL21]. **Scenarios** [YKG20, YKN21, YK22]. **scheduling** [LLYL21]. **Scheme** [LTU⁺21, AMNR20, BA20, CB20, CZS⁺21, CWL⁺22, GPK21, GKC22, HZX⁺20, ILB20, KJR⁺20, LSL20, LLX⁺20, LYW⁺21, LL21b, LZXX21, LWZ22, LPX20, LZS⁺20, LHW⁺20, OO21, RJ21, RRS21, SBY⁺22, TJ20, TW20, YL20, YLY20, ZLY⁺20, ZXZ⁺20, ZM20, ZTY⁺20b]. **schemes** [LMZZ22, WZZW20, YZW⁺20]. **science** [ZLCA21]. **score** [AGM20, MPRB21]. **SCP** [HKM22]. **Script** [AAB22]. **scripting** [CPR21]. **SDN** [DTK⁺21, KKAS21, LJ22, TD21]. **SDN-enabled** [DTK⁺21]. **sealed** [AN20, LLJ21]. **sealed-bid** [AN20]. **SealFS** [SSGM21]. **seaports** [GKB21]. **search** [GJCJ20, LLLZ21, MRG21, ZNL⁺20]. **searching** [GJCJ20, hLHhLfw21, LCC⁺21]. **second** [VMS20]. **second-order** [VMS20]. **secret** [Wan21]. **SecTEP** [LLJ21]. **section** [XGS⁺21]. **sector** [MBKD21, SST21, VBF21]. **sectorial** [TDM⁺21]. **Secure** [DABB20, GJCJ20, KKR21, KM22, LMZZ22, LHH⁺20, LSXJ22, RHDF21, YWWH22, AA20, BK22, BRM21, CZZ⁺21, DCSW20, HZX⁺20, KKS⁺22, LLX⁺20, LLJ21, LL21b, LZS⁺20, LZ20, MZA⁺20, NSA⁺20, OCJ20, RJ21, RKS20, RPR⁺21, RXFZ21, RLW⁺20, RRS21, SBY⁺22, SCE21, TWW21,

UHK⁺21, YPDC20, ZLZC22]. **secured** [LHW⁺20]. **Securing** [CGS22, SC21]. **Security** [AGVA21, CJKR21, GCS22, GHOS22, GZ20, GZG20, HMPS20, HZG20, KMG21, Kha21, MBP20, MGL⁺20, Ogb21, OMO20a, PVFM⁺21, SK20, SP20, Sha21, SvSZ21, TD21, WMC20, tBLLV21, AWVG20, ASM20, ALD⁺21, AMA21, AKH20, ASI⁺20a, ASI⁺20b, BF20, BBBB⁺20, BTDH20, BSFB20, BPL⁺20, CB22a, CC20, CXC22, CSRA22, CBFH20, CDN21, Da 22, DPKHP22, DCS⁺22, DPK20, DZ22, EA20, FVF21, FBL20, GB21, GG22, GAC20, GSS20a, GKB21, GZG21, HAKK21, HDS21, HuRMMW22, HMMW22, HZM21, HSB⁺22, HSSPK21, HG20, HZZ20, HZX⁺21, HHZ21, HZL⁺21, JQYL22, JK21b, JIG22, JB21, KSS20, KKP22, KGIS21, KAFDW22, KN20, KG20, KTH20, KIAV22, LSN⁺21, LSWR20, LKW⁺20, LLG20, LZZ⁺21, LS21, MGGR22, MD22, MHSK21, MGZ⁺20, MBKD21, Mit20, MSMH21, NTBH⁺22, NDDH⁺21, NM21, OCB21, Olu22, OAA⁺22, PLS20, PNK20, PSN⁺22]. **security** [PCR22, PX21, PFR20, QMW20b, QS22, RZ20a, RSEK20, RKG20, SCH⁺20, SU21, SVP21, SSHP21, SSL20, SMC⁺21, SHL⁺20, SL20, SVPM21, SSTRD22, SSRK20, TRH21, TAES20, TKS21, TGOF22, TTRY20, TFP21, TCJS22, TDM⁺21, TN21, UNBF21, US20, UYMM21, VB20, WZZW20, WBNT20, Wes20, WWW⁺22, XW20, XWW⁺20, XWY21, YKG20, YKN21, YK22, YPWS20, YSM⁺21, ZLY⁺20, ZY21, bOJW20, dVABH20, vdSF21]. **security-aware** [JB21]. **security-compliant** [KTH20]. **Security-Driven** [MGL⁺20]. **Security-oriented** [OMO20a]. **security-related** [HHZ21]. **security-risk** [KTH20]. **Segmentation** [MAK21, PA20, ZHL⁺22]. **Segmentation-validation** [PA20]. **SEIFF** [XWW⁺20]. **selecting** [dNaJMMFM21]. **Selection** [GBA22, AA22a, CSKD22, FK22, HYW⁺21, LCZW20, LLL⁺20a, LLZY20, NK21, PTD20, STB⁺20, TZZ⁺21, UYMM21, WLQ20]. **Self** [MBGF20, CXC22, ISM22, IE22, KMOC20, KIAV22, LLL⁺22a, LLX⁺20, NRS21, XXZ⁺21, LCC⁺21]. **self-assessed** [KIAV22]. **self-attention** [XXZ⁺21]. **self-attentive** [LLL⁺22a]. **self-determination** [KMOC20]. **Self-feature-squeezing** [MBGF20]. **self-normalizing** [ISM22]. **self-organizing** [NRS21]. **self-protecting** [IE22]. **self-regulation** [CXC22]. **self-serviced** [LLX⁺20]. **selfish** [JIG22, YCMM20]. **SELinux** [RKSV20]. **selling** [LL22b]. **Semantic** [OSTO20, BT21, FXL⁺20, FHSQ20, FHZ⁺22, SAA20]. **semantic-based** [SAA20]. **Semantics** [ZTY⁺20b]. **Semantics-aware** [ZTY⁺20b]. **Semi** [ZD21, AOAA20, Vu22]. **semi-automated** [AOAA20]. **semi-fully** [Vu22]. **Semi-supervised** [ZD21]. **sensing** [DABB20, YLY20]. **Sensitive** [Kha21, GLTH21, GJB22, KAM⁺21, OSTO20, OX22, WK20]. **sensor** [GYL⁺20, LTL⁺22, MSG22, RJ21, SKS21]. **sensor-based** [MSG22]. **SensorRE** [HP20]. **September** [Ano20w, Ano21y]. **sequence** [AZ20, AZES21, DS21, KDI21, LLL⁺22b, QMW20b, Yan20, ZZWF21]. **sequence-to-sequence** [ZZWF21]. **sequences** [GZS⁺22, STM⁺20]. **sequential** [NFVN⁺22]. **series** [CVL22, LHGB21, WTL⁺21, YZL⁺20, ZZL⁺22]. **Serious** [HMPS20, YKN21].

server [STH⁺22, WZZW20]. **servers** [dNaJMMFM21]. **Service** [MBS20, AABE20, AWJB21, AOA22, FEA22, IHJZ21, LQY⁺20, LWZ22, MAAA20, PSN⁺22, Sun21]. **service-based** [PSN⁺22]. **serviced** [LLX⁺20]. **services** [DSC20, KEK⁺21, MGL⁺20, OO21, TD21, ZNL⁺20]. **Session** [CJKR21]. **Set** [WWH⁺22, XMK21]. **SETA** [HHZ21]. **Setting** [Ogb21, ZZCD20]. **settings** [LHAE22, MBGF20]. **SFE** [LWL21]. **SFE-GACN** [LWL21]. **SG** [WP21]. **SG-PAC** [WP21]. **SGX** [GMS20, KBC21, RRM20]. **Shafer** [QMC⁺22]. **Shall** [MRSV21, SSL20]. **shape** [ZZCD20]. **shaped** [PTD20]. **ShapeShifter** [HLYZ21, WLC⁺20]. **shared** [GPK21]. **Sharing** [LSXJ22, CZZ⁺21, HZX⁺20, ILB20, LYW⁺21, LHH⁺20, MZA⁺20, SYH⁺22, ZLZC22]. **sHDP** [LWS⁺20]. **sHDP-HMM** [LWS⁺20]. **shield** [XYH⁺20]. **short** [AOA22]. **short-term** [AOA22]. **shot** [WTW21, ZJJS⁺22]. **Shoulder** [BB20, BKPZ21]. **shoulder-surfing** [BKPZ21]. **shuffle** [AHKJJ21]. **Siamese** [KZYZ22, ZJJS⁺22]. **side** [Gal20b, GSLS21, JZQ⁺22, LLLZ21, LJO⁺20, SMvH⁺21]. **side-channel** [Gal20b, GSLS21, JZQ⁺22, LLLZ21, SMvH⁺21]. **SIEM** [BS20, MLV⁺21]. **sight** [GMY22]. **signal** [KDI21, MSZ20]. **signaling** [CHJ22]. **signature** [ZY21]. **signs** [HLYZ21]. **similarity** [FCSP21, MPRB21, SCL⁺21]. **simulation** [KJHL22]. **simulations** [EL22]. **Sina** [RNA22]. **singular** [SG21]. **sinks** [TTRY20]. **site** [CPR21]. **sites** [FF20, MW20]. **Situation** [Ogb21, AMD⁺21]. **situational** [HSŠ⁺22, HKM22]. **skills** [Fur21, KIAV22, SCVB21]. **slice** [BBBB⁺20, JB21]. **SLR** [HW20]. **small** [CZZ⁺21, TRH21]. **smart** [ARR⁺22, ASAA21, AWJB21, ADC⁺20, DSC20, GSY⁺20, HZKN22, Hod21, HZL⁺21, KTGDE20, LYW⁺21, LS21, LHW⁺20, MZA⁺20, PHH⁺20, SBY⁺22, SC20, SPZ⁺20, SC21, XX20, XGS⁺20, YZL⁺20, bOJW20]. **Smartphone** [GSLS21, ACLA22, BTDH20, MGZ⁺20]. **smartphone-based** [ACLA22]. **smartphones** [MSG22]. **smell** [AES22]. **SOC** [CZCX20]. **SOC2M2** [SVP21]. **Social** [AGM20, PLB⁺22, ALZ⁺20, AMA21, AJHA20, AOAA20, CPT⁺22, CQL⁺21, CCL⁺21, DPKHP22, FF20, JB22, LZL⁺22, WTX⁺22, WP21, ZYL⁺20, ZGNZ21, vdSFF20a]. **socio** [MMvS20]. **socio-technical** [MMvS20]. **Sociodemographic** [LK20]. **soft** [SAJP22]. **softmax** [HMTC22]. **Software** [ZGM21, Alq22, FEA22, HP20, HZZ20, HQL⁺22, IE22, KKP22, KG20, LKW⁺20, LWZ22, MHSK21, NDDH⁺21, TCJS22, VCD22, YLPZ21, YPDC20]. **software-Defined** [FEA22, LKW⁺20, LWZ22]. **SoK** [DA20]. **solid** [BWB⁺21]. **solution** [DG20, ZMQ21]. **solutions** [AZDF20, DL21, KKAS21, NBBS22]. **solvers** [DA20]. **Solving** [BBBB⁺20]. **sound** [SGVA21]. **Source** [ZWW⁺21, KG20, LWW⁺21, NDDH⁺21, NMCRB21, WWH⁺22, WTX⁺22]. **Sources** [TRM22]. **space** [LsJC⁺22, LWL21, OS22, SMC⁺21]. **space-filling** [OS22]. **spaces** [CPT⁺22]. **Spam** [NRS21, SAA20]. **Spark** [PRTV22]. **Spartan** [MBGF20]. **spatial** [LQY⁺20, ZLF⁺20]. **spatial-temporal** [ZLF⁺20]. **Spatio** [XLY⁺20]. **Spatio-temporal** [XLY⁺20]. **Special**

[bOJW20, RZ20a]. **specialization** [LHGB21]. **specific** [DS21].
Specification [CPT⁺22]. **speech** [GSL21]. **Spider** [AR21]. **Spot**
[QMW⁺20a]. **spread** [SYF⁺21]. **spreading** [Wan21]. **SPrivAD** [SBY⁺22].
spurious [ALZ⁺20]. **squeezing** [MBGF20]. **SRC** [STH⁺22]. **SRC-based**
[STH⁺22]. **SSAE** [LJ22]. **SSH** [LL22a, ZZ20]. **Stacked** [AAB22]. **stacking**
[OZW⁺21]. **stage** [FXL⁺20, KSS20, ZZWF21]. **standard** [AKH20]. **State**
[PLS20, QS22, BWB⁺21, KDE20, LX21, LS21, SMC⁺21, ZLY⁺20, ZYH⁺21].
State-of-the-art [QS22]. **Static**
[DSN⁺22, LZD⁺20, BLSS22, GMPMS21, NDDH⁺21, OX22, WPS20]. **station**
[NTBH⁺22]. **Statistical** [GBA22, HCLRM20, ATMN20, BTM21]. **statistics**
[VMS20, ZZJC20]. **status** [AHSZ21, BSFB20]. **STD** [DMRV21]. **stealthy**
[ADC⁺20]. **Step** [GZS⁺22, GKC22]. **stewardship** [OCB21]. **Still**
[EZLC21, CZG⁺22]. **STL** [AD21]. **STL-HDL** [AD21]. **stochastic**
[LZDZ21, WP21]. **Stock** [ALD⁺21, MGTK22]. **stop** [HLYZ21]. **Storage**
[SSGM21, GPK21, LPX20, TWW21, XHB⁺21]. **Storage-based** [SSGM21].
Strategic [CHJ22, GHOS22]. **Strategies**
[BPW⁺20, ATJ⁺22, ASA⁺22, GG22, HZ20b]. **strategy**
[HZM21, LKA⁺21, PLW⁺21, TZZ⁺21, dSFG20]. **stream** [HMS21, LHS21].
streams [DSN⁺22, LWX⁺22]. **strength**
[DPSN20, GZ18, GZ20, MFI20, SW22]. **strengthening** [CZCX20]. **stress**
[TN21]. **string** [ZZJC20]. **stripped** [LCC⁺21]. **strong**
[FGWJ20, GZG19, GZG20]. **Structural** [LSAH21]. **structure**
[RHDF21, SCE21]. **structure-based** [SCE21]. **Study** [HZM21, SYF⁺21,
ZYH⁺21, AMD⁺21, ARB20, AA20, Alq22, BMM22, CPRV21, CKG22,
FFPC22, GPC⁺22, GB21, GKB21, LYD20, MW20, MBPCC21, Mit20,
MT21b, NDDH⁺21, RDM20, SBL20, TKS21, TV20, TN21, WFT22]. **stung**
[MGGR22]. **style** [ZYH⁺21]. **Sub** [STM⁺20]. **Sub-curve** [STM⁺20].
subgraph [OX22]. **subgraph-based** [OX22]. **subset** [AA22a]. **substitute**
[YS22]. **substring** [YLZ⁺21]. **substring-of-keyword** [YLZ⁺21]. **success**
[AWVG20, YWPC22, ZSS21]. **Supervised** [RKW⁺22, ZD21]. **supervision**
[XWY21]. **Supervisory** [US20]. **Superword** [GZG21]. **suppliers**
[TDM⁺21]. **supply** [SSTRD22, TDM⁺21]. **support**
[HP20, HSŠ⁺22, KKP22, MSCJ21, SP20, vdKSCY22]. **supporting**
[dNaJMMFM21]. **suppression** [SHK⁺21]. **surfing** [BKPZ21, BB20].
surveillance [DCS⁺22, SJ21, vdSFF20a]. **Survey**
[GCS22, HZKN22, KEK⁺21, AN20, AZDF20, BZE⁺20, BBA20, BTDH20,
CL20, DCB⁺21, GBG20, HAKK21, HY21, IB20, KKAS21, KFS⁺22,
LSWR20, LCY⁺21, MBP20, NDPC21, OAA⁺22, PSN⁺22, PX21, QS22,
SHL⁺20, SCCZ20, TSW⁺21, YFO⁺21, dSFG20]. **Survivable** [FMAC21].
Susceptibility [FF20, MVH⁺21]. **SVDD** [LWLT21]. **SVM** [GL21, LJ22].
swarm [AR21, CSKD22, XYH⁺20]. **Swedish** [VBF21]. **SwiftIDS** [JLQ⁺20].
sybil [KJCL20, PC22]. **symbolic** [SBB⁺20]. **symmetric** [SK20]. **SYN**
[LJO⁺20, NH21]. **synchronisation** [HZM21]. **synchronization** [TH21].
synthesis [YWPC22, ZQMC20]. **synthetic** [LGH21]. **System**

[LSWR20, ZTJ⁺²¹, AHSZ21, ADJS21, AD21, AK20, AKCS20, AOA22, CDG22, CGS22, CBFH20, DNB⁺²⁰, DZ22, EAN⁺²², GYL⁺²⁰, GZG21, HG21, HZX⁺²¹, HHZ21, HXZ⁺²¹, IE22, JK21a, JIG22, JLQ⁺²⁰, JCJ⁺²¹, KS20, KAFDW22, LYW⁺²¹, LLYL21, LCY⁺²¹, LZCS22, LGH21, LZDZ21, LZG⁺²², LCSD20, LHW⁺²⁰, MGGR22, MYMC20, MSZ20, OPK20, QMC⁺²², RSEK20, SCE21, SC21, SBL20, SG21, WJT⁺²², XHWL20, YWK⁺²², ZLF⁺²⁰, ZZW⁺²¹, ZWX⁺²⁰, ZZ20, LCZW20]. **system-level** [LCY⁺²¹]. **Systematic** [AWVG20, AA21b, ALD⁺²¹, BKPZ21, BB20, CTV21, DA20, EL22, ESBJ20, GG22, HY21, HKM22, HW20, KGIS21, PNK20, QS22, TV20, YLL⁺²², YWPC22]. **Systematical** [GPC⁺²²]. **Systems** [CCO⁺²⁰, DAZ20, GCS22, LTU⁺²¹, SJH⁺²¹, AVR20, AJ20, AGVA21, BZE⁺²⁰, CRS⁺²², DANS20, GSY⁺²⁰, GDK⁺²¹, GJB22, HMK⁺²⁰, HYW⁺²¹, HSB⁺²², HZ20b, ILB20, KAFDW22, KMH⁺²², KL22, LLJ21, LZZ⁺²¹, MAR22, MFA20, MC20, MLV⁺²¹, NTBH⁺²², NJ22, OFId⁺²⁰, PCR22, PVFM⁺²¹, QMW^{+20a}, RPR⁺²¹, SHL⁺²⁰, SKM21, SVPM21, SSG21, SKG21, SGVA21, SJ21, TAES20, US20, WSC⁺²⁰, YP21, bOJW20].

Table [CZG⁺²²]. **tag** [XHB⁺²¹]. **tags** [TJ20]. **tailing** [SST21]. **taint** [ZTD21]. **talk** [BCdGG20]. **Talking** [DGH21]. **tamper** [SSGM21]. **tamper-evident** [SSGM21]. **target** [HZX⁺²¹, HXZ⁺²¹, TZZ⁺²¹, TV20, ZCJ⁺²⁰]. **targeting** [KL22]. **task** [ÇÜD21, TN21, YWZ20]. **tasks** [BCP22]. **taught** [SCVB21]. **Taxonomy** [BBR20, DANS20, KKAS21, GB21, Onw20, PS21]. **TCN** [SS22]. **TCP** [KDI21]. **Team** [LHGB21]. **technical** [BPL⁺²⁰, MMvS20]. **technique** [ALZ⁺²⁰, CZX⁺²¹, LLLZ20]. **techniques** [AHKJJ21, CL20, HKM22, KEK⁺²¹, MW20, NDPC21, PX21, SPV20, ZT21]. **technology** [BPL⁺²⁰, KK20]. **TEEnder** [GMS20]. **template** [SA20, SK20, TTP20]. **Temporal** [SKM21, HMS21, LWS⁺²⁰, LCL⁺²⁰, SS22, XLY⁺²⁰, ZLF⁺²⁰, ZSGB⁺²²]. **temporospatial** [TZZ⁺²¹]. **tendencies** [ASI^{+20a}, ASI^{+20b}]. **tender** [LLJ21]. **tensor** [SW22]. **term** [AOA22]. **terminal** [LPX20]. **ternary** [DCSW20]. **terrorism** [PS21]. **terrorists** [AAAAS20]. **test** [vdKWH20]. **testbed** [WBNT20]. **testbeds** [YKG20]. **testing** [WRG⁺²¹]. **tests** [BTM21]. **Text** [ALZ⁺²⁰, KL22, LZHL20]. **Textual** [SYA⁺²¹, OMO20a]. **texture** [VMS20]. **tfidfvectorizer** [SG21]. **their** [Ade21, IHJZ21, KEK⁺²¹, Sar21, TLT22]. **them** [BTAK21]. **theoretic** [GSS20a, MAR22, TCY⁺²⁰, WLLS22, ZJL⁺²⁰]. **Theoretical** [CAT20a, CAT20b, LYD20, SL20]. **theory** [DPKHP22, HHZ21, JIG22, KSS20, KTH20, LL22b, MD22, QMC⁺²², XW20]. **Things** [CGCY21, SWK20, AKT21, AZDF20, BBR20, FGH⁺²¹, HLF20, JCJ⁺²¹, KFS⁺²², LL21b, LPX20, OAA⁺²², PMF⁺²⁰, RNA22, SvSZ21, UHK⁺²¹]. **Threat** [EYYZ20, LCY⁺²¹, TRM22, CTV21, CZPX22, FBL20, GSY⁺²⁰, Het21, RGP20, TCYL21, TSCM21, VBF21, VM21, WRG⁺²¹, YW21,

ZYL⁺20, ZSS21, ZZ20, vdKSCY22]. **threat-occurrence** [FBL20]. **threats** [BMH21, GAC20, MSG22, XGL20, ZGNZ21, HZ20b]. **Three** [ZT21]. **Time** [CAT20a, CAT20b, GMBN21, UÇ22, BTM21, CVL22, HHSL20, HZM21, HSL20, JLQ⁺20, LL22a, LsJC⁺22, MFA20, MT21c, Rou22, TH21, WHPL21, WTL⁺21, WWW⁺22, YZL⁺20, ZTY⁺20a, ZZL⁺22]. **Time-based** [GMBN21]. **time-Lock** [MT21c]. **time-series** [CVL22]. **timeline** [LSN⁺21]. **times** [OO21]. **TIMiner** [ZYL⁺20]. **Timing** [CDN21, HHSL20, JYS21]. **TLS** [GZS⁺22]. **TLS-Based** [GZS⁺22]. **Tokenless** [LTU⁺21]. **tolerant** [RLW⁺20]. **tomography** [LXZ⁺22]. **tomography-based** [LXZ⁺22]. **too** [ARB20]. **tool** [ACG20, JCJ⁺21, YKN21]. **tool-based** [JCJ⁺21]. **Tools** [FACHC21, GMPMS21, PCR20, RKG20, YKG20]. **toolset** [HSS⁺22]. **top** [LLL⁺22c, SYG⁺21]. **top-** [SYG⁺21]. **topic** [WZZ⁺22]. **Topology** [WLLS20, LZZX21, LXZ⁺22]. **Topology-theoretic** [WLLS22]. **Tor** [AABE20, AN21]. **touchscreen** [WHPL21]. **TPM** [LHW⁺20]. **Traceability** [SSTRD22, HQL⁺22]. **traceable** [SJX⁺20]. **traces** [OPK20]. **Tracing** [ZYH⁺22]. **tracking** [ATMN20, MW20]. **trade** [SYL⁺20]. **trade-off** [SYL⁺20]. **traffic** [CPRV21, DMD⁺20, JQYL22, KSSL22, LLL⁺22a, LLLZ21, LWX⁺22, LWZ22, MSCJ21, STB⁺20, WFT22, ZHJ⁺21, ZSGB⁺22]. **Traffics** [XLY⁺20]. **Training** [KMG21, AMA21, CKG22, LHGB21, RCD21, SEGD⁺22, XMK21, XFY21, YS22]. **trajectory** [LC21, WK20]. **transaction** [KAK21, WTL⁺21]. **transactions** [AABE20, KK20, RPR⁺21]. **transductive** [ZLY⁺21]. **transfer** [KL22, ZWW⁺21]. **Transferable** [WZZ⁺22, Sar21]. **transform** [FEA22, LHS21]. **transformation** [MHSK21, SA20, Sha21, TTRY20]. **transformed** [HDZ⁺22]. **Transformer** [LFGD21]. **transmission** [WPS20]. **transnational** [CYL⁺21]. **Transparency** [PLB⁺22, SBL20]. **transportation** [CVL22]. **traps** [HCLRM20]. **treatment** [RDM20, SRM22]. **tree** [AQAK21, LGL21, MWR20, SCE21, ZYPT22]. **trees** [BGL⁺20]. **trends** [HSB⁺22]. **tri** [ZWW⁺21]. **tri-transfer** [ZWW⁺21]. **triggers** [SZY⁺22]. **trilateral** [ZCJ⁺20]. **tripartite** [Sun21]. **Trojan** [XLY⁺20]. **Trojans** [CJS⁺21]. **true** [LZ20]. **Trust** [SSS⁺21, BOS⁺21, BPL⁺20, CB20, FMAC21, LZ20, MLM20, OCJ20, Sun21, ZZW⁺21]. **TrustBuilder** [CWL⁺22]. **trusted** [DL21, HYW⁺20]. **trustworthy** [NM21]. **trustzone** [JK21b]. **truth** [ZXZ⁺20]. **turn** [GKC22]. **twin** [LJO⁺20]. **twins** [SSN22]. **Twitter** [AAAAS20, BKA20, RRMSM⁺20, SAJP22]. **Two** [DKSS20, EL22, GZS⁺22, FXL⁺20, JHD⁺20, LSL20]. **two-hidden-layer** [JHD⁺20]. **Two-Phase** [DKSS20]. **two-stage** [FXL⁺20]. **Two-Step** [GZS⁺22]. **Type** [RRS21, ÇÜD21, CZG⁺22, HZL⁺21, ZZL⁺22]. **TZMon** [JK21b].

ubiquitous [OO21]. **UCFL** [DKSS20]. **UMUDGA** [ZPP20]. **uncertainties** [HCLRM20]. **uncertainty** [Ade21]. **Unclonable** [PC22]. **Underground** [CHP21]. **Undermining** [PKK⁺21]. **Understanding** [LLG20, WZZW20, AZ20, GZGG20]. **unexplored** [OAA⁺22]. **unfavorable**

[ALD⁺21]. **Unified** [YZW⁺20, IB20]. **uniform** [HSL20]. **Universal** [AHL⁺21, VS22, YCCZ21]. **unknown** [JZQ⁺22, LWL21, WTW21].
Unpacking [SWK20]. **unstructured** [AGM20, GLTH21, OMO20b, WTX⁺22]. **Unsupervised** [PSY⁺22, PTD20, KDDM20a, KDDM20b, QMW20b]. **unveiling** [AKH20].
URL [dSFG20]. **URL-based** [dSFG20]. **usability** [MKL21]. **Usable** [BF20, KKS⁺22, JCJ⁺21]. **usage** [LHH⁺20]. **use** [Alq22, BRM21, JDBB20, JE21, vdSFF20b]. **User** [DKSS20, GBA22, Ogb21, BKA20, BTDH20, GZGG20, GKC22, LsJC⁺22, LHAE22, LFW⁺22, MBFidD21, MKC⁺21, MD22, MB20b, OMO20a, OMO20b, PFHB21, SU21, SAAW21, SKS21, TWW21, KKS⁺22].
user-centric [MKC⁺21]. **user-granted** [OMO20a]. **user-space** [LsJC⁺22].
users [AABE20, FHW22, PSCT21]. **userspace** [LCSD20]. **USIM** [JZQ⁺22].
Using [CMFUA⁺20, DLQ⁺21, GJB22, KC22, MRG21, WRG⁺21, AA22b, AK20, AYS20, ADC⁺20, BKA20, BTM21, CPR21, CLL⁺21, CZZ⁺21, CFZL22, CSKD22, DAZ20, DKSS20, DS21, DSC20, FMA22, FEA22, GZS⁺22, GL21, GMS20, GJCJ20, HDS21, HuRMMW22, HMMW22, HLZ⁺21, JQYL22, JIG22, KAM⁺21, KDDM20a, KDDM20b, KG20, KSSL22, LL22a, LLL⁺20b, LFCDD21, LGH21, LRH⁺21, MSG22, MC20, MB20b, MGG⁺20, NFN⁺22, NRS21, OSP22, OMO20a, OMO20b, PRTV22, PHH⁺20, PSCT21, RRM20, RSW⁺21, RTBK21, SA20, SK20, SS22, STB⁺20, SW22, SWK20, Tek21, TWW21, VAW⁺20, WLQ20, Wan21, WPS20, XGS⁺21, ZCJ⁺20, ZZWF21, ZJJS⁺22].
utility [CHJ22, GSS⁺20b]. **Utilizing** [CBK⁺20, MKL21].

vaccine [SAJP22]. **VAE** [LWLT21]. **VAE-SVDD** [LWLT21]. **VAEPass** [YHZ⁺22]. **Validation** [MMvS20, PA20]. **Value** [EAN⁺22, KKP22, MGTK22, SG21]. **Value-at-Risk** [EAN⁺22].
value-based [KKP22]. **values** [OSTO20]. **VANET** [CZS⁺21]. **variational** [YHZ⁺22]. **vault** [RMS⁺22]. **VDSimilar** [SCL⁺21]. **vector** [MSCJ21].
vehicle [AA22a, KJHL22, NTB⁺22]. **VehicleLang** [KJHL22]. **vehicles** [KKJ⁺21, PX21]. **vehicular** [MBP20]. **verifiable** [DSC20, STH⁺22, ZZCD20]. **verification** [AHSZ21, CPT⁺22, CRS⁺22, CQL⁺21, DS21, GKC22, HZZ20, LHAE22, LPX20, MHSK21, RTBK21, SMC⁺21, TJ20, XHB⁺21, ZQMC20]. **verifier** [HZZ⁺21]. **verify** [BOS⁺21]. **Verifying** [SLBG21]. **versus** [AKH20]. **via** [BWB⁺21, CNTBG21, FCSP21, GFM⁺22, GSE20, LLL⁺22c, LWL21, MLM20, VMS20, XXZ⁺21, XLY⁺20, YWWH22]. **Victim** [CB22b]. **video** [DMD⁺20, FXL⁺20, SJ21]. **view** [CYL⁺21, CXC22, OMO20a, OZW⁺21, SJ21]. **views** [YCMM20]. **violation** [FVF21]. **Virtual** [DS20, HLL⁺21, KBC21, RPR⁺21, YSM⁺21].
virtualization [CBFH20, ZTY⁺20a]. **virus** [SGSS22]. **viruses** [SYF⁺21].
vision [BTAK21]. **visit** [LZL⁺22]. **visits** [WK20]. **visual** [BCP22].
visualization [LLLZ20, PLP⁺21]. **vitality** [CCL⁺21]. **vocal** [CTV21]. **VoIP**

[CMMST22]. **Volume** [GZ20, GZG20, HZG20]. **Voluntary** [CXC22, OCB21]. **vote** [LSL20]. **Voting** [KAK21]. **vs** [DA20, MDR20]. **Vulnerabilities** [EZLC21, HZKN22, Alq22, CPR21, LXC+20, SPZ+20, SCL+21, YPWS20, YSM+21, ZZL+22]. **Vulnerability** [KM22, SCL+21, US20, VS20, BLSS22, CDF+20, HDS21, JK21a, JLB22, KDI21, NBBS22, SMC+21, WBN+20, YLPZ21, vdSFF20b]. **vulnerable** [MSP+20]. **VxWorks** [CDN21].

WAF [JE21]. **wake** [LL21b]. **wake-up** [LL21b]. **wall** [CZG+22]. **warfare** [AKH20]. **warnings** [SAJP22]. **Wasmati** [BLSS22]. **Waste** [MRG21]. **water** [RDM20, SRM22]. **Watermarking** [ALZ+20]. **watermarks** [AKWR21]. **wavelet** [FEA22]. **WBAN** [ABK+20, SCH+20]. **Weaponizing** [DANS20]. **wearable** [GYL+20]. **web** [BA20, LLLZ21, LCL+20, LGJW21, MW20, MGG+20, PFHB21, RT20, Tek21, YSM+21, dNaJMMFM21, CJKR21]. **web-based** [Tek21, YSM+21]. **WebAssembly** [BLSS22]. **webpages** [TCY+20]. **webshell** [HY21]. **website** [LGJW21, ZYL+22, CNTBG21]. **websites** [LLL+22c, MBPCC21, SM21, XXZ+21]. **webview** [EZLC21]. **weight** [CLX21, WPS20]. **weight-mapping** [CLX21]. **Weighted** [KLNW21]. **weighting** [CLX21]. **WGAN** [LL22a]. **WGAN-GP** [LL22a]. **which** [KK20]. **White** [CLS22]. **White-box** [CLS22]. **whitelist** [AMM+21]. **widespread** [HMB+21]. **wild** [PMF+20, SCCZ20]. **windows** [GPC+22, RSW+21, AZ20, CZPX22, MPRB21]. **Wipimization** [OPK20]. **wiping** [OPK20]. **wireless** [AK20, DZ22, GYL+20, HAKK21, KS20, LTL+22, RJ21, Wan21]. **within** [DMB21, KAK21, MGGR22, MBFidD21, MBS20]. **word** [ZYL+22]. **word-level** [ZYL+22]. **workflow** [AN21]. **workforce** [Fur21]. **workload** [LLYL21]. **world** [ACLA22, JZQ+22, LZD+20, Mit20, SAAW21, XHW+22]. **worm** [ZGNZ21]. **wormhole** [KJCL20, MT21c]. **wrapper** [KS20, STB+20]. **wrapper-based** [STB+20].

X [WSC+20, YZW+20]. **X-repute** [WSC+20]. **XACML** [MYMC20]. **XSS** [CGS22, LFHH22, WYW+22].

Years [GMBV21]. **YOLACT** [ZHL+22].

zero [BOS+21, FMAC21, HMK+20, YL20, SSS+21]. **zero-day** [HMK+20]. **zero-knowledge-proof-based** [YL20]. **zero-trust** [BOS+21]. **zoom** [WHPL21]. **ZTA** [SSS+21].

References

Alqahtani:2020:IBC

[AA20] Fatmah H. Alqahtani and Fawaz A. Alsulaiman. Is image-

based CAPTCHA secure against attacks based on machine learning? An experimental study. *Computers & Security*, 88(?):Article 101635, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404818312185>.

Alhogail:2021:AML

- [AA21a] Areej Alhogail and Afrah Alsabih. Applying machine learning and natural language processing to detect phishing email. *Computers & Security*, 110(?):Article 102414, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002388>.

AlHusain:2021:EFA

- [AA21b] Reem AlHusain and Ali Alkhalifah. Evaluating fallback authentication research: a systematic literature review. *Computers & Security*, 111(?):Article 102487, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003114>.

Ariffin:2021:IMR

- [AA21c] Khairul Akram Zainol Ariffin and Faris Hanif Ahmad. Indicators for maturity and readiness for digital forensic investigation in era of industrial revolution 4.0. *Computers & Security*, 105(?):Article 102237, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000614>.

Aksu:2022:MIO

- [AA22a] Dogukan Aksu and Muhammed Ali Aydin. MGA-IDS: Optimal feature subset selection for anomaly detection framework on in-vehicle networks-CAN bus based on genetic algorithm and intrusion detection approach. *Computers & Security*, 118(?):Article 102717, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001134>.

Alani:2022:AEF

- [AA22b] Mohammed M. Alani and Ali Ismail Awad. AdStop: Efficient flow-based mobile adware detection using machine learning. *Computers & Security*, 117(?):Article 102718, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001146>.

Aleroud:2020:GPF

- [AAAAS20] Ahmed Aleroud, Nisreen Abu-Elseeh, and Emad Al-Shawakfa. A graph proximity feature augmentation approach for identifying accounts of terrorists on Twitter. *Computers & Security*, 99(?):Article 102056, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303291>.

Ahmad:2022:CDL

- [AAAT22] Rasheed Ahmad, Izzat Alsmadi, Wasim Alhamdani, and Lo'ai Tawalbeh. A comprehensive deep learning benchmark for IoT IDS. *Computers & Security*, 114(?):Article 102588, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004119>.

Alahmadi:2022:MMP

- [AAB22] Amal Alahmadi, Norah Alkhraan, and Wojdan BinSaeedan. MPSAutodetect: a malicious Powershell script detection model based on stacked denoising auto-encoder. *Computers & Security*, 116(?):Article 102658, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000578>.

AlJawaheri:2020:DTH

- [AABE20] Husam Al Jawaheri, Masha'el Al Sabah, Yazan Boshmaf, and Aiman Erbad. Deanonymizing Tor hidden service users through Bitcoin transactions analysis. *Computers & Security*, 89(?):Article 101684, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818309908>.

- Arfaoui:2020:CAA**
- [ABK⁺20] Amel Arfaoui, Omar Rafik Merad Boudia, Ali Kribeche, Sidi-Mohammed Senouci, and Mohamed Hamdi. Context-aware access control and anonymous authentication in WBAN. *Computers & Security*, 88(?):Article 101496, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818304802>.
- Arcolezi:2020:FNF**
- [ACC⁺20] Héber H. Arcolezi, Jean-François Couchot, Selene Cerna, Christophe Guyeux, Guillaume Royer, Béchara Al Bouna, and Xiaokui Xiao. Forecasting the number of firefighter interventions per region with local-differential-privacy-based data. *Computers & Security*, 96(?):Article 101888, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301619>.
- Anglano:2020:AFA**
- [ACG20] Cosimo Anglano, Massimo Canonico, and Marco Guazzone. The Android Forensics Automator (AnForA): a tool for the automated forensic analysis of Android applications. *Computers & Security*, 88(?):Article 101650, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301944>.
- Alobaidi:2022:RWS**
- [ACLA22] Hind Alobaidi, Nathan Clarke, Fudong Li, and Abdulrahman Alruban. Real-world smartphone-based gait recognition. *Computers & Security*, 113(?):Article 102557, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003813>.
- Al:2021:SHN**
- [AD21] Samed Al and Murat Dener. STL-HDL: a new hybrid network intrusion detection system for imbalanced dataset on big data environment. *Computers & Security*, 110(?):Article 102435, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002595>.

Ashrafuzzaman:2020:DSF

- [ADC⁺20] Mohammad Ashrafuzzaman, Saikat Das, Yacine Chakhchoukh, Sajjan Shiva, and Frederick T. Sheldon. Detecting stealthy false data injection attacks in the smart grid using ensemble-based machine learning. *Computers & Security*, 97(?): Article 101994, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302674>.

Adesemowo:2021:TCD

- [Ade21] A. Kayode Adesemowo. Towards a conceptual definition for IT assets through interrogating their nature and epistemic uncertainty. *Computers & Security*, 105(?): Article 102131, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304041>.

Al-Duwairi:2021:PHA

- [ADJS21] Basheer Al-Duwairi, Moath Jarrah, and Ahmed S. Shatnawi. PASSVM: a highly accurate fast flux detection system. *Computers & Security*, 110(?): Article 102431, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002558>.

Al-Duwairi:2020:LNL

- [ADÖU⁺20] Basheer Al-Duwairi, Öznur Özkasap, Ahmet Uysal, Ceren Kocaogullar, and Kaan Yildirim. LogDoS: a novel logging-based DDoS prevention mechanism in path identifier-based information centric networks. *Computers & Security*, 99(?): Article 102071, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303448>.

Amer:2022:RDL

- [AES22] Eslam Amer and Shaker El-Sappagh. Robust deep learning early alarm prediction model based on the behavioural smell for Android malware. *Computers & Security*, 116(?): Article 102670, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000694>.

Aghasian:2020:AMS

- [AGM20] Erfan Aghasian, Saurabh Garg, and James Montgomery. An automated model to score the privacy of unstructured information — social media case. *Computers & Security*, 92(?):Article 101778, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300638>.

Andrade:2021:SGP

- [AGVA21] Eduardo Andrade, Jorge Granjal, João P. Vilela, and Carlos Arantes. A security gateway for power distribution systems in open networks. *Computers & Security*, 111(?):Article 102492, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003163>.

Akgun:2022:NDA

- [AHC22] Devrim Akgun, Selman Hizal, and Unal Cavusoglu. A new DDoS attacks intrusion detection model based on deep learning for cybersecurity. *Computers & Security*, 118(?):Article 102748, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001432>.

Alavizadeh:2021:EES

- [AHKJJ21] Hooman Alavizadeh, Jin B. Hong, Dong Seong Kim, and Julian Jang-Jaccard. Evaluating the effectiveness of shuffle and redundancy MTD techniques in the cloud. *Computers & Security*, 102(?):Article 102091, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303643>.

Aloufi:2021:ULR

- [AHL⁺21] Asma Aloufi, Peizhao Hu, Hang Liu, Sherman S. M. Chow, and Kim-Kwang Raymond Choo. Universal location referencing and homomorphic evaluation of geospatial query. *Computers & Security*, 102(?):Article 102137, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304107>.

Adja:2021:BBC

- [AHSZ21] Yves Christian Elloh Adja, Badis Hammi, Ahmed Serhrouchni, and Sherali Zeadally. A blockchain-based certificate revocation management and status verification system. *Computers & Security*, 104(??):Article 102209, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100033X>.

Akhuseyinoglu:2020:CRA

- [AJ20] Nuray Baltaci Akhuseyinoglu and James Joshi. A constraint and risk-aware approach to attribute-based access control for cyber-physical systems. *Computers & Security*, 96(??):Article 101802, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300869>.

Arshad:2020:FKM

- [AJHA20] Humaira Arshad, Aman Jantan, Gan Keng Hoon, and Isaac Oludare Abiodun. Formal knowledge model for online social network forensics. *Computers & Security*, 89(??):Article 101675, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302160>.

Alawami:2020:LFG

- [AK20] Mohsen A. Alawami and Hyoungshick Kim. LocAuth: a fine-grained indoor location-based authentication system using wireless networks characteristics. *Computers & Security*, 89(??):Article 101683, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302226>.

Almashhadani:2020:MSD

- [AKCS20] Ahmad O. Almashhadani, Mustafa Kaiiali, Domhnall Carlin, and Sakir Sezer. MaldomDetector: a system for detecting algorithmically generated domain names with machine learning. *Computers & Security*, 93(??):Article 101787, June

2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300729>.

Andersson:2020:CVW

- [AKH20] Annika Andersson, Fredrik Karlsson, and Karin Hedström. Consensus versus warfare — unveiling discourses in de jure information security standard development. *Computers & Security*, 99(??):Article 102035, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303084>.

Ali:2021:IBF

- [AKT21] Mansoor Ali, Hadis Karimipour, and Muhammad Tariq. Integration of blockchain and federated learning for Internet of Things: Recent advances and future challenges. *Computers & Security*, 108(??):Article 102355, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001796>.

Aiken:2021:NNL

- [AKWR21] William Aiken, Hyounghick Kim, Simon Woo, and Jungwoo Ryoo. Neural network laundering: Removing black-box backdoor watermarks from deep neural networks. *Computers & Security*, 106(??):Article 102277, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001012>.

Ali:2021:SMR

- [ALD⁺21] Syed Emad Azhar Ali, Fong-Woon Lai, P. D. D. Dominic, Nicholas James Brown, Paul Benjamin Benjamin Lowry, and Rao Faizan Ali. Stock market reactions to favorable and unfavorable information security events: a systematic literature review. *Computers & Security*, 110(??):Article 102451, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002753>.

- [Alq22] Alqahtani:2022:SUV Sultan S. Alqahtani. A study on the use of vulnerabilities databases in software engineering domain. *Computers & Security*, 116(?):Article 102661, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000608>.
- [Als20] Alshaikh:2020:DCC Moneer Alshaikh. Developing cybersecurity culture to influence employee behavior: a practice perspective. *Computers & Security*, 98(?):Article 102003, November 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302765>.
- [ALZ⁺20] Ahvanooy:2020:ANI Milad Taleby Ahvanooy, Qianmu Li, Xuefang Zhu, Mamoun Alazab, and Jing Zhang. ANiTW: a Novel Intelligent Text Watermarking technique for forensic identification of spurious information on social media. *Computers & Security*, 90(?):Article 101702, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302391>.
- [AMA21] Alshaikh:2021:ASM Moneer Alshaikh, Sean B. Maynard, and Atif Ahmad. Applying social marketing to evaluate current security education training and awareness programs in organisations. *Computers & Security*, 100(?):Article 102090, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303631>.
- [AMAA21] Al-Maliki:2021:CRM Ossama Al-Maliki and Hisham Al-Assam. Challenge-response mutual authentication protocol for EMV contactless cards. *Computers & Security*, 103(?):Article 102186, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000109>.

Ahmad:2022:E

- [AMB22] Atif Ahmad, Sean Maynard, and Richard Baskerville. Editorial. *Computers & Security*, 112(??):Article 102530, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003540>.

Ahmad:2021:HCO

- [AMD⁺21] Atif Ahmad, Sean B. Maynard, Kevin C. Desouza, James Kotsias, Monica T. Whitty, and Richard L. Baskerville. How can organizations develop situation awareness for incident response: a case study of management practice. *Computers & Security*, 101(??):Article 102122, February 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303953>.

Azeez:2021:AAW

- [AMM⁺21] Nureni Ayofe Azeez, Sanjay Misra, Ihotu Agbo Margaret, Luis Fernandez-Sanz, and Shafi'i Muhammad Abdulhamid. Adopting automated whitelist approach for detecting phishing attacks. *Computers & Security*, 108(??):Article 102328, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001528>.

Aslam:2020:FAF

- [AMNR20] Mudassar Aslam, Bushra Mohsin, Abdul Nasir, and Shahid Raza. FoNAC — an automated Fog Node Audit and Certification scheme. *Computers & Security*, 93(??):Article 101759, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300432>.

Alvarez:2020:CSP

- [AN20] Ramiro Alvarez and Mehrdad Nojournian. Comprehensive survey on privacy-preserving protocols for sealed-bid auctions. *Computers & Security*, 88(??):Article 101502, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818306631>.

Alfosail:2021:TFP

- [AN21] Malak Alfosail and Peter Norris. Tor forensics: Proposed workflow for client memory artefacts. *Computers & Security*, 106(??):Article 102311, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001358>.

Anonymous:2020:Aa

- [Ano20a] Anonymous. April 2020. *Computers & Security*, 91(??):??, April 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2020:Ab

- [Ano20b] Anonymous. August 2020. *Computers & Security*, 95(??):??, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2020:D

- [Ano20c] Anonymous. December 2020. *Computers & Security*, 99(??):??, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2020:EBb

- [Ano20d] Anonymous. Editorial Board. *Computers & Security*, 89(??):Article 101695, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302329>.

Anonymous:2020:EBc

- [Ano20e] Anonymous. Editorial Board. *Computers & Security*, 90(??):Article 101727, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300146>. ■

Anonymous:2020:EBd

- [Ano20f] Anonymous. Editorial Board. *Computers & Security*, 91(??):Article 101768, April 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300535>. ■

Anonymous:2020:EBe

- [Ano20g] Anonymous. Editorial Board. *Computers & Security*, 92 (??):Article 101797, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300821>. ■

Anonymous:2020:EBf

- [Ano20h] Anonymous. Editorial Board. *Computers & Security*, 93 (??):Article 101842, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301152>. ■

Anonymous:2020:EBg

- [Ano20i] Anonymous. Editorial Board. *Computers & Security*, 94 (??):Article 101903, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301796>. ■

Anonymous:2020:EBh

- [Ano20j] Anonymous. Editorial Board. *Computers & Security*, 95 (??):Article 101912, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301887>. ■

Anonymous:2020:EBi

- [Ano20k] Anonymous. Editorial Board. *Computers & Security*, 96(??):Article 101980, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302534>.

Anonymous:2020:EBj

- [Ano20l] Anonymous. Editorial Board. *Computers & Security*, 97 (??):Article 102015, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302881>. ■

Anonymous:2020:EBk

- [Ano20m] Anonymous. Editorial Board. *Computers & Security*, 98(??):Article 102052, November 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S0167404820303254>.

Anonymous:2020:EBI

- [Ano20n] Anonymous. Editorial Board. *Computers & Security*, 99(?):Article 102102, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303758>.

Anonymous:2020:F

- [Ano20o] Anonymous. February 2020. *Computers & Security*, 89(?):??, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2020:PJ

- [Ano20p] Anonymous. In progress (January 2020). *Computers & Security*, 88(?):??, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2020:Jb

- [Ano20q] Anonymous. July 2020. *Computers & Security*, 94(?):??, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2020:Ja

- [Ano20r] Anonymous. June 2020. *Computers & Security*, 93(?):??, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2020:Ma

- [Ano20s] Anonymous. March 2020. *Computers & Security*, 90(?):??, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2020:Mb

- [Ano20t] Anonymous. May 2020. *Computers & Security*, 92(?):??, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2020:N

- [Ano20u] Anonymous. November 2020. *Computers & Security*, 98(??): ??, November 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2020:O

- [Ano20v] Anonymous. October 2020. *Computers & Security*, 97(??):??, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2020:S

- [Ano20w] Anonymous. September 2020. *Computers & Security*, 96(??): ??, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2021:Aa

- [Ano21a] Anonymous. April 2021. *Computers & Security*, 103(??):??, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2021:Ab

- [Ano21b] Anonymous. August 2021. *Computers & Security*, 107(??): ??, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2021:D

- [Ano21c] Anonymous. December 2021. *Computers & Security*, 111(??):??, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2021:EBa

- [Ano21d] Anonymous. Editorial Board. *Computers & Security*, 100(??):Article 102128, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304016>.

Anonymous:2021:EBb

- [Ano21e] Anonymous. Editorial Board. *Computers & Security*, 101(??):Article 102183, February 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S0167404821000079>.

Anonymous:2021:EBc

- [Ano21f] Anonymous. Editorial Board. *Computers & Security*, 102 (??):Article 102193, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000171>.■

Anonymous:2021:EBd

- [Ano21g] Anonymous. Editorial Board. *Computers & Security*, 103 (??):Article 102234, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000584>.■

Anonymous:2021:EBe

- [Ano21h] Anonymous. Editorial Board. *Computers & Security*, 104 (??):Article 102255, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000791>.■

Anonymous:2021:EBf

- [Ano21i] Anonymous. Editorial Board. *Computers & Security*, 105 (??):Article 102295, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100119X>.■

Anonymous:2021:EBg

- [Ano21j] Anonymous. Editorial Board. *Computers & Security*, 106 (??):Article 102333, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001577>.■

Anonymous:2021:EBh

- [Ano21k] Anonymous. Editorial Board. *Computers & Security*, 107 (??):Article 102363, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001875>.■

Anonymous:2021:EBi

- [Ano21l] Anonymous. Editorial Board. *Computers & Security*, 108(??):Article 102409, September 2021. CODEN

CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).
URL <http://www.sciencedirect.com/science/article/pii/S0167404821002339>.

Anonymous:2021:EBj

[Ano21m] Anonymous. Editorial Board. *Computers & Security*, 109(?):Article 102428, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).
URL <http://www.sciencedirect.com/science/article/pii/S0167404821002522>.

Anonymous:2021:EBk

[Ano21n] Anonymous. Editorial Board. *Computers & Security*, 110(?):Article 102477, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).
URL <http://www.sciencedirect.com/science/article/pii/S0167404821003011>.

Anonymous:2021:EBl

[Ano21o] Anonymous. Editorial Board. *Computers & Security*, 111(?):Article 102520, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).
URL <http://www.sciencedirect.com/science/article/pii/S0167404821003448>.

Anonymous:2021:F

[Ano21p] Anonymous. February 2021. *Computers & Security*, 101(?):??, February 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2021:Ja

[Ano21q] Anonymous. January 2021. *Computers & Security*, 100(?):??, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2021:J

[Ano21r] Anonymous. July 2021. *Computers & Security*, 106(?):??, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

- [Ano21s] **Anonymous:2021:Jb**
Anonymous. June 2021. *Computers & Security*, 105(??):??, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).
- [Ano21t] **Anonymous:2021:Ma**
Anonymous. March 2021. *Computers & Security*, 102(??):??, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).
- [Ano21u] **Anonymous:2021:Mb**
Anonymous. May 2021. *Computers & Security*, 104(??):??, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).
- [Ano21v] **Anonymous:2021:N**
Anonymous. November 2021. *Computers & Security*, 110(??):??, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).
- [Ano21w] **Anonymous:2021:O**
Anonymous. October 2021. *Computers & Security*, 109(??):??, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).
- [Ano21x] **Anonymous:2021:RA**
Anonymous. Reviewer acknowledgement 2020. *Computers & Security*, 100(??):Article 102139, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304120>.
- [Ano21y] **Anonymous:2021:S**
Anonymous. September 2021. *Computers & Security*, 108(??):??, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).
- [Ano22a] **Anonymous:2022:Aa**
Anonymous. April 2022. *Computers & Security*, 115(??):??, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

- Anonymous:2022:Ab**
- [Ano22b] Anonymous. August 2022. *Computers & Security*, 119(?): ??, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).
- Anonymous:2022:EBa**
- [Ano22c] Anonymous. Editorial Board. *Computers & Security*, 112(?):Article 102565, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003898>.
- Anonymous:2022:EBb**
- [Ano22d] Anonymous. Editorial Board. *Computers & Security*, 113(?):Article 102592, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004156>.
- Anonymous:2022:EBc**
- [Ano22e] Anonymous. Editorial Board. *Computers & Security*, 114(?):Article 102618, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000177>.■
- Anonymous:2022:EBd**
- [Ano22f] Anonymous. Editorial Board. *Computers & Security*, 115(?):Article 102649, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000487>.■
- Anonymous:2022:EBe**
- [Ano22g] Anonymous. Editorial Board. *Computers & Security*, 116(?):Article 102701, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000992>.■
- Anonymous:2022:EBf**
- [Ano22h] Anonymous. Editorial Board. *Computers & Security*, 117(?):Article 102736, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001316>.■

Anonymous:2022:EBg

- [Ano22i] Anonymous. Editorial Board. *Computers & Security*, 118(??):Article 102767, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001626>. ■

Anonymous:2022:EBh

- [Ano22j] Anonymous. Editorial Board. *Computers & Security*, 119(??):Article 102795, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001894>. ■

Anonymous:2022:F

- [Ano22k] Anonymous. February 2022. *Computers & Security*, 113(??):??, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2022:Ja

- [Ano22l] Anonymous. January 2022. *Computers & Security*, 112(??):??, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2022:Jc

- [Ano22m] Anonymous. July 2022. *Computers & Security*, 118(??):??, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2022:Jb

- [Ano22n] Anonymous. June 2022. *Computers & Security*, 117(??):??, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2022:Ma

- [Ano22o] Anonymous. March 2022. *Computers & Security*, 114(??):??, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2022:Mb

- [Ano22p] Anonymous. May 2022. *Computers & Security*, 116(??):??, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

Anonymous:2022:RA

- [Ano22q] Anonymous. Reviewer acknowledgement 2021. *Computers & Security*, 113(?):Article 102593, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004168>.

Aydin:2022:LST

- [AOA22] Hakan Aydin, Zeynep Orman, and Muhammed Ali Aydin. A long short-term memory (LSTM)-based distributed denial of service (DDoS) detection and defense system design in public cloud network environment. *Computers & Security*, 118(?):Article 102725, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001201>.

Arshad:2020:SAF

- [AOAA20] Humaira Arshad, Esther Omlara, Isaac Oludare Abiodun, and Abdulhai Aminu. A semi-automated forensic investigation model for online social networks. *Computers & Security*, 97(?):Article 101946, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302224>.

Appiah:2021:DTP

- [AQAK21] Benjamin Appiah, Zhiguang Qin, Ayidzoe Mighty Abra, and Ansuura JohnBosco Aristotle Kanpogninge. Decision tree pairwise metric learning against adversarial attacks. *Computers & Security*, 106(?):Article 102268, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000924>.

Alex:2021:SBS

- [AR21] Scaria Alex and T. Dhiliphan Rajkumar. Spider bird swarm algorithm with deep belief network for malicious JavaScript detection. *Computers & Security*, 107(?):Article 102301, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001255>.

Aleisa:2020:PPA

- [ARB20] Noura Aleisa, Karen Renaud, and Ivano Bongiovanni. The privacy paradox applies to IoT devices too: a Saudi Arabian study. *Computers & Security*, 96(?):Article 101897, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301711>.

Arce:2020:CPC

- [Arc20] Daniel G. Arce. Cybersecurity and platform competition in the cloud. *Computers & Security*, 93(?):Article 101774, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300584>.

Acarali:2022:MSG

- [ARR⁺22] Dilara Acarali, K. Rajesh Rao, Muttukrishnan Rajarajan, Doron Chema, and Mark Ginzburg. Modelling smart grid IT-OT dependencies for DDoS impact propagation. *Computers & Security*, 112(?):Article 102528, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003527>.

AlDaaajeh:2022:RNC

- [ASA⁺22] Saleh AlDaaajeh, Heba Saleous, Saed Alrabae, Ezedin Barka, Frank Breiting, and Kim-Kwang Raymond Choo. The role of national cybersecurity strategies on the improvement of cybersecurity education. *Computers & Security*, 119(?):Article 102754, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001493>.

Alom:2021:KGB

- [ASAA21] Zulfikar Alom, Bikash Chandra Singh, Zeyar Aung, and Mohammad Abdul Azim. Knapsack graph-based privacy checking for smart environments. *Computers & Security*, 105(?):Article 102240, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100064X>.

Altarawneh:2021:AAP

- [ASB⁺21] Amani Altarawneh, Fei Sun, Richard R. Brooks, Owulakemi Hambolu, Lu Yu, and Anthony Skjellum. Availability analysis of a permissioned blockchain with a lightweight consensus protocol. *Computers & Security*, 102(?):Article 102098, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303710>.

Arend:2020:PARa

- [ASI⁺20a] Isabel Arend, Asaf Shabtai, Tali Idan, Ruty Keinan, and Yoella Bereby-Meyer. Passive- and not active-risk tendencies predict cyber security behavior. *Computers & Security*, 96(?):Article 101929, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302066>.

Arend:2020:PARb

- [ASI⁺20b] Isabel Arend, Asaf Shabtai, Tali Idan, Ruty Keinan, and Yoella Bereby-Meyer. Passive- and not active-risk tendencies predict cyber security behavior. *Computers & Security*, 97(?):Article 101964, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301735>.

Alashwali:2020:EHS

- [ASM20] Eman Salem Alashwali, Pawel Szalachowski, and Andrew Martin. Exploring HTTPS security inconsistencies: a cross-regional perspective. *Computers & Security*, 97(?):Article 101975, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302480>.

Awadhutkar:2022:CFE

- [ATGK22] Payas Awadhutkar, Ahmed Tamrawi, Ryan Goluch, and Suresh Kothari. Control flow equivalence method for establishing sanctity of compiling. *Computers & Security*, 115(?):Article 102608, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S0167404822000074>.

Aggarwal:2022:DEM

- [ATJ⁺22] Palvi Aggarwal, Omkar Thakoor, Shahin Jabbari, Edward A. Cranford, Christian Lebiere, Milind Tambe, and Cleotilde Gonzalez. Designing effective masking strategies for cyberdefense through human experimentation and cognitive models. *Computers & Security*, 117(?):Article 102671, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000700>.

Aldribi:2020:HBC

- [ATMN20] Abdulaziz Aldribi, Issa Traoré, Belaid Moa, and Onyekachi Nwamuo. Hypervisor-based cloud intrusion detection through online multivariate statistical change tracking. *Computers & Security*, 88(?):Article 101646, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301907>.

Akanfe:2020:ACL

- [AVR20] Oluwafemi Akanfe, Rohit Valecha, and H. Raghav Rao. Assessing country-level privacy risk for digital payment systems. *Computers & Security*, 99(?):Article 102065, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303382>.

Anthi:2021:HML

- [AWJB21] Eirini Anthi, Lowri Williams, Amir Javed, and Pete Burnap. Hardening machine learning denial of service (DoS) defences against adversarial attacks in IoT smart home networks. *Computers & Security*, 108(?):Article 102352, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001760>.

AlGhamdi:2020:ISG

- [AWVG20] Sultan AlGhamdi, Khin Than Win, and Elena Vlahu-Gjorgievska. Information security governance challenges

and critical success factors: Systematic review. *Computers & Security*, 99(?):Article 102030, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303035>.

Alzaylaee:2020:DDD

- [AYS20] Mohammed K. Alzaylaee, Suleiman Y. Yerima, and Sakir Sezer. DL-Droid: Deep learning based Android malware detection using real devices. *Computers & Security*, 89(?):Article 101663, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819300161>.

Amer:2020:DWM

- [AZ20] Eslam Amer and Ivan Zelinka. A dynamic Windows malware detection and prediction method based on contextual understanding of API call sequence. *Computers & Security*, 92(?):Article 101760, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300444>.

Amiri-Zarandi:2020:SML

- [AZDF20] Mohammad Amiri-Zarandi, Rozita A. Dara, and Evan Fraser. A survey of machine learning-based solutions to protect privacy in the Internet of Things. *Computers & Security*, 96(?):Article 101921, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301978>.

Amer:2021:MPM

- [AZES21] Eslam Amer, Ivan Zelinka, and Shaker El-Sappagh. A multi-perspective malware detection approach through behavioral fusion of API call sequence. *Computers & Security*, 110(?):Article 102449, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100273X>.

Bozkir:2020:LCH

- [BA20] Ahmet Selman Bozkir and Murat Aydos. LogoSENSE: a companion HOG based logo detection scheme for phishing web page and e-mail brand recognition. *Computers & Security*, 95(?):Article 101855, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301279>.

Bosnjak:2020:SSE

- [BB20] Leon Bosnjak and Bostjan Brumen. Shoulder surfing experiments: a systematic literature review. *Computers & Security*, 99(?):Article 102023, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302960>.

Bidgoly:2020:SMC

- [BBA20] Amir Jalaly Bidgoly, Hamed Jalaly Bidgoly, and Zeynab Arezoumand. A survey on methods and challenges in EEG based authentication. *Computers & Security*, 93(?):Article 101788, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300730>.

Beaman:2021:RRA

- [BBA⁺21] Craig Beaman, Ashley Barkworth, Toluwalope David Akande, Saqib Hakak, and Muhammad Khurram Khan. Ransomware: Recent advances, analysis, challenges and future research directions. *Computers & Security*, 111(?):Article 102490, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100314X>.

Boutigny:2020:SSC

- [BBBB⁺20] François Boutigny, Stéphane Betgé-Brezetz, Gregory Blanc, Antoine Lavignotte, Hervé Debar, and Houda Jmila. Solving security constraints for 5G slice embedding: a proof-of-concept. *Computers & Security*, 89(?):Article 101662, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302044>.

Brilingaite:2020:FCD

- [BBJ20] Agne Brilingaite, Linas Bukauskas, and Ausrius Juozapavicius. A framework for competence development and assessment in hybrid cybersecurity exercises. *Computers & Security*, 88(?):Article 101607, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301580>.

Boahen:2021:NAD

- [BBMW21] Edward Kwadwo Boahen, Brunel Elvire Bouya-Moko, and Changda Wang. Network anomaly detection in a controlled environment based on an enhanced PSOGRFC. *Computers & Security*, 104(?):Article 102225, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000493>.

Berger:2020:AI

- [BBR20] Stephan Berger, Olga Bürger, and Maximilian Röglinger. Attacks on the Industrial Internet of Things — development of a multi-layer taxonomy. *Computers & Security*, 93(?):Article 101790, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300754>.

Borzacchiello:2021:FMF

- [BCD21] Luca Borzacchiello, Emilio Coppa, and Camil Demetrescu. FUZZOLIC: Mixing fuzzing and concolic execution. *Computers & Security*, 108(?):Article 102368, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001929>.

Botacin:2020:WNT

- [BCdGG20] Marcus Botacin, Fabricio Ceschin, Paulo de Geus, and André Grégio. We need to talk about antiviruses: challenges and pitfalls of AV evaluations. *Computers & Security*, 95(?):Article 101859, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301310>.

Bernal:2022:NJC

- [BCP22] Sergio López Bernal, Alberto Huertas Celdrán, and Gregorio Martínez Pérez. Neuronal jamming cyberattack over invasive BCIs affecting the resolution of tasks requiring visual capabilities. *Computers & Security*, 112(??):Article 102534, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003588>.

Botacin:2021:CPM

- [BCS⁺21] Marcus Botacin, Fabricio Ceschin, Ruimin Sun, Daniela Oliveira, and André Grégio. Challenges and pitfalls in malware research. *Computers & Security*, 106(??):Article 102287, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001115>.

Botacin:2022:AUM

- [BDC⁺22] Marcus Botacin, Felipe Duarte Domingues, Fabrício Ceschin, Raphael Machnicki, Marco Antonio Zanata Alves, Paulo Lício de Geus, and André Grégio. AntiViruses under the microscope: a hands-on perspective. *Computers & Security*, 112(??):Article 102500, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003242>.

Bhana:2020:PKD

- [BF20] Bhaveer Bhana and Stephen Flowerday. Passphrase and keystroke dynamics authentication: Usable security. *Computers & Security*, 96(??):Article 101925, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302017>.

Barraclough:2021:ICP

- [BFW21] P. A. Barraclough, G. Fehringer, and J. Woodward. Intelligent cyber-phishing detection for online. *Computers & Security*, 104(??):Article 102123, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303965>.

Buldas:2020:AEA

- [BGL⁺20] Ahto Buldas, Olga Gadyatskaya, Aleksandr Lenin, Sjouke Mauw, and Rolando Trujillo-Rasua. Attribute evaluation on attack trees with incomplete information. *Computers & Security*, 88(?):Article 101630, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301774>.

Berry:2022:EOF

- [BK22] Cate Berry and Nikos Komninos. Efficient optimisation framework for convolutional neural networks with secure multiparty computation. *Computers & Security*, 117(?):Article 102679, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000773>.

Balakrishnan:2020:ICD

- [BKA20] Vimala Balakrishnan, Shahzaib Khan, and Hamid R. Arabia. Improving cyberbullying detection using Twitter users' psychological features and machine learning. *Computers & Security*, 90(?):Article 101710, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302470>.

Binbeshr:2021:SRP

- [BKPZ21] Farid Binbeshr, M. L. Mat Kiah, Lip Yee Por, and A. A. Zaidan. A systematic review of PIN-entry methods resistant to shoulder-surfing attacks. *Computers & Security*, 101(?):Article 102116, February 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303898>.

Brito:2022:WES

- [BLSS22] Tiago Brito, Pedro Lopes, Nuno Santos, and José Fragoso Santos. Wasmati: an efficient static vulnerability scanner for WebAssembly. *Computers & Security*, 118(?):Article 102745, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001407>.

Boran:2020:AIL

- [BMH20] Tudor Boran, Muhamet Martinaj, and Md Shafaeat Hos-sain. Authorship identification on limited samplings. *Computers & Security*, 97(??):Article 101943, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302194>.

Bax:2021:MBR

- [BMH21] Samantha Bax, Tanya McGill, and Val Hobbs. Maladaptive behaviour in response to email phishing threats: the roles of rewards and response costs. *Computers & Security*, 106(??):Article 102278, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001024>.

Belanger:2022:LSI

- [BMM22] France Bélanger, Jürgen Maier, and Michaela Maier. A longitudinal study on improving employee information protective knowledge and behaviors. *Computers & Security*, 116(??):Article 102641, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000402>.

benOthmane:2020:ESI

- [bOJW20] Lotfi ben Othmane, Doug Jacobson, and Edgar Weippl. Editorial: Special issue on security and privacy in smart cyber-physical systems. *Computers & Security*, 88(??):Article 101612, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301610>. ■

Buck:2021:NTA

- [BOS⁺21] Christoph Buck, Christian Olenberger, André Schweizer, Fabiane Völter, and Torsten Eymann. Never trust, always verify: a multivocal literature review on current knowledge and research gaps of zero-trust. *Computers & Security*, 110(??):Article 102436, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002601>.

Butavicius:2020:WBT

- [BPL⁺20] Marcus Butavicius, Kathryn Parsons, Meredith Lillie, Agata McCormac, Malcolm Pattinson, and Dragana Calic. When believing in technology leads to poor cyber security: Development of a trust in technical controls scale. *Computers & Security*, 98(?):Article 102020, November 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302935>.

Bland:2020:MLC

- [BPW⁺20] John A. Bland, Mikel D. Petty, Tymaine S. Whitaker, Katia P. Maxwell, and Walter Alan Cantrell. Machine learning cyberattack and defense strategies. *Computers & Security*, 92(?):Article 101738, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818309799>.

Brandao:2021:HCO

- [BRM21] André Brandão, João S. Resende, and Rolando Martins. Hardening cryptographic operations through the use of secure enclaves. *Computers & Security*, 108(?):Article 102327, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001516>.

Bryant:2020:ISA

- [BS20] Blake D. Bryant and Hossein Saiedian. Improving SIEM alert metadata aggregation with a novel kill-chain based classification model. *Computers & Security*, 94(?):Article 101817, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030095X>.

Brunner:2020:RMP

- [BSFB20] Michael Brunner, Clemens Sauerwein, Michael Felderer, and Ruth Breu. Risk management practices in information security: Exploring the status quo in the DACH region. *Computers & Security*, 92(?):Article 101776, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300614>.

Bostanipour:2021:JOL

- [BT21] Behnaz Bostanipour and George Theodorakopoulos. Joint obfuscation of location and its semantic information for privacy protection. *Computers & Security*, 107(??):Article 102310, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001346>.

Bozkir:2021:CTA

- [BTAK21] Ahmet Selman Bozkir, Ersan Tahillioglu, Murat Aydos, and Ilker Kara. Catch them alive: a malware detection approach through memory forensics, manifold learning and computer vision. *Computers & Security*, 103(??):Article 102166, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304399>.

Breitinger:2020:SSU

- [BTDH20] Frank Breitinger, Ryan Tully-Doyle, and Courtney Hasenfeldt. A survey on smartphone user's security choices, awareness and education. *Computers & Security*, 88(??):Article 101647, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301919>.

Bollmann:2021:RRT

- [BTM21] Chad A. Bollmann, Murali Tummala, and John C. McEachen. Resilient real-time network anomaly detection using novel non-parametric statistical tests. *Computers & Security*, 102(??):Article 102146, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304193>. ■

Brown:2021:DFM

- [BWB⁺21] Dane Brown, T. Owens Walker, Justin A. Blanco, Robert W. Ives, Hau T. Ngo, James Shey, and Ryan Rakvic. Detecting firmware modification on solid state drives via current draw analysis. *Computers & Security*, 102(??):Article 102149, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304223>.

Bhamare:2020:CIC

- [BZE⁺20] Deval Bhamare, Maede Zolanvari, Aiman Erbad, Raj Jain, Khaled Khan, and Nader Meskin. Cybersecurity for industrial control systems: a survey. *Computers & Security*, 89(?):Article 101677, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302172>.

Chowdhury:2020:TPHa

- [CAT20a] Noman H. Chowdhury, Marc T. P. Adam, and Timm Teubner. Time pressure in human cybersecurity behavior: Theoretical framework and countermeasures. *Computers & Security*, 97(?):Article 101931, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302078>.

Chowdhury:2020:TPHb

- [CAT20b] Noman H. Chowdhury, Marc T. P. Adam, and Timm Teubner. Time pressure in human cybersecurity behavior: Theoretical framework and countermeasures. *Computers & Security*, 97(?):Article 101963, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301747>.

Challagidad:2020:MDD

- [CB20] Praveen S. Challagidad and Mahantesh N. Birje. Multi-dimensional dynamic trust evaluation scheme for cloud environment. *Computers & Security*, 91(?):Article 101722, April 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300092>.

Calvo:2022:MRB

- [CB22a] Miguel Calvo and Marta Beltrán. A model for risk-based adaptive security controls. *Computers & Security*, 115(?):Article 102612, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000116>. ■

Connolly:2022:RRC

- [CB22b] Alena Yuryna Connolly and Hervé Borrión. Reducing ransomware crime: Analysis of victims' payment decisions. *Computers & Security*, 119(?):Article 102760, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001559>.

Compastie:2020:VSI

- [CBFH20] Maxime Compastié, Rémi Badonnel, Olivier Festor, and Ruan He. From virtualization security issues to cloud protection opportunities: an in-depth analysis of system virtualization models. *Computers & Security*, 97(?):Article 101905, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301814>.

Chamikara:2020:PPF

- [CBK⁺20] M. A. P. Chamikara, P. Bertok, I. Khalil, D. Liu, and S. Camtepe. Privacy preserving face recognition utilizing differential privacy. *Computers & Security*, 97(?):Article 101951, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302273>. ■

Chang:2020:BCS

- [CC20] Lennon Y. C. Chang and Nicholas Coppel. Building cyber security awareness in a developing country: Lessons from Myanmar. *Computers & Security*, 97(?):Article 101959, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302352>.

Chew:2021:PID

- [CCL⁺21] Chit-Jie Chew, Ying-Chin Chen, Jung-San Lee, Chih-Lung Chen, and Kuo-Yu Tsai. Preserving indomitable DDoS vitality through resurrection social hybrid botnet. *Computers & Security*, 106(?):Article 102284, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001085>.

Chekole:2020:CCE

- [CCO+20] Eyasu Getahun Chekole, Sudipta Chattopadhyay, Martín Ochoa, Huaqun Guo, and Unnikrishnan Cheramangalath. CIMA: Compiler-enforced resilience against memory safety attacks in cyber-physical systems. *Computers & Security*, 94(??):Article 101832, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301061>. ■

Canfora:2020:IVF

- [CDF+20] Gerardo Canfora, Andrea Di Sorbo, Sara Forootani, Antonio Pirozzi, and Corrado Aaron Visaggio. Investigating the vulnerability fixing process in OSS projects: Peculiarities and challenges. *Computers & Security*, 99(??):Article 102067, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303400>.

Ceragioli:2022:CMF

- [CDG22] Lorenzo Ceragioli, Pierpaolo Degano, and Letterio Galletta. Can my firewall system enforce this policy? *Computers & Security*, 117(??):Article 102683, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000815>.

Cimino:2020:MCM

- [CDM+20] Mario G. C. A. Cimino, Nicoletta De Francesco, Francesco Mercaldo, Antonella Santone, and Gigliola Vaglini. Model checking for malicious family detection and phylogenetic analysis in mobile environment. *Computers & Security*, 90(??):Article 101691, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302287>. ■

Cotroneo:2021:TCC

- [CDN21] Domenico Cotroneo, Luigi De Simone, and Roberto Natella. Timing covert channel analysis of the VxWorks MILS embedded hypervisor under the common criteria security certification. *Computers & Security*, 106(??):Article 102307, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001310>.

Chen:2022:ENB

- [CFZL22] Aiguo Chen, Yang Fu, Xu Zheng, and Guoming Lu. An efficient network behavior anomaly detection using a hybrid DBN-LSTM network. *Computers & Security*, 114(?): Article 102600, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004235>. ■

Choo:2021:MAI

- [CGCY21] Kim-Kwang Raymond Choo, Keke Gai, Luca Chiaraviglio, and Qing Yang. A multidisciplinary approach to Internet of Things (IoT) cybersecurity and risk management. *Computers & Security*, 102(?): Article 102136, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304090>.

Chaudhary:2022:SHE

- [CGS22] Pooja Chaudhary, Brij B. Gupta, and A. K. Singh. Securing heterogeneous embedded devices against XSS attack in intelligent IoT system. *Computers & Security*, 118(?): Article 102710, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001080>. ■

Chen:2022:SSU

- [CHJ22] Jianan Chen, Qin Hu, and Honglu Jiang. Strategic signaling for utility control in audit games. *Computers & Security*, 118(?): Article 102721, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482200116X>.

Cabrero-Holgueras:2021:MLS

- [CHP21] José Cabrero-Holgueras and Sergio Pastrana. A methodology for large-scale identification of related accounts in underground forums. *Computers & Security*, 111(?): Article 102489, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003138>. ■

Choi:2022:EDP

- [CJJ+22] Yeseul Choi, Yunjong Jeong, Daehee Jang, Brent Byunghoon Kang, and Hojoon Lee. EmuID: Detecting presence of emulation through microarchitectural characteristic on ARM. *Computers & Security*, 113(?):Article 102569, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100393X>.

Calzavara:2021:MWS

- [CJKR21] Stefano Calzavara, Hugo Jonker, Benjamin Krumnow, and Alvise Rabitti. Measuring Web session security at scale. *Computers & Security*, 111(?):Article 102472, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002960>.

Cho:2021:TBL

- [CJS+21] Mingi Cho, Jaedong Jang, Yezee Seo, Seyeon Jeong, Soochang Chung, and Taekyoung Kwon. Towards bidirectional LUT-level detection of hardware Trojans. *Computers & Security*, 104(?):Article 102223, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100047X>.

Chowdhury:2022:MEC

- [CKG22] Nabin Chowdhury, Sokratis Katsikas, and Vasileios Gkioulos. Modeling effective cybersecurity training frameworks: a Delphi method-based study. *Computers & Security*, 113(?):Article 102551, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003758>.

Conti:2020:CBC

- [CL20] Mauro Conti and Chhagan Lal. Context-based Co-presence detection techniques: a survey. *Computers & Security*, 88(?):Article 101652, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819301968>.

Chen:2021:DCC

- [CLL⁺21] Shaojie Chen, Bo Lang, Hongyu Liu, Duokun Li, and Chuan Gao. DNS covert channel detection method using the LSTM model. *Computers & Security*, 104(?):Article 102095, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303680>.

Chen:2022:WBC

- [CLS22] Tianrong Chen, Jie Ling, and Yuping Sun. White-box content camouflage attacks against deep learning. *Computers & Security*, 117(?):Article 102676, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000748>.

Cai:2021:JAM

- [CLX21] Lingru Cai, Yao Li, and Zhi Xiong. JOWMDroid: Android malware detection based on feature weighting with joint optimization of weight-mapping and classifier parameters. *Computers & Security*, 100(?):Article 102086, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030359X>.

Case:2020:HAD

- [CMFUA⁺20] Andrew Case, Ryan D. Maggio, Md Firoz-Ul-Amin, Mohammad M. Jalalzai, Aisha Ali-Gombe, Mingxuan Sun, and Golden G. Richard. Hooktracer: Automatic detection and analysis of keystroke loggers using memory forensics. *Computers & Security*, 96(?):Article 101872, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301450>.

Corcoran:2020:DLO

- [CMG20] Pdraig Corcoran, Peter Mooney, and Andrei Gagarin. A distributed location obfuscation method for online route planning. *Computers & Security*, 95(?):Article 101850, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740481831071X>.

Carrillo-Mondejar:2022:HVA

- [CMMST22] J. Carrillo-Mondéjar, J. L. Martínez, and G. Suarez-Tangil. On how VoIP attacks foster the malicious call ecosystem. *Computers & Security*, 119(?):Article 102758, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001535>.

Cohen:2021:WCD

- [CNTBG21] Doron Cohen, Or Naim, Eran Toch, and Irad Ben-Gal. Website categorization via design attribute learning. *Computers & Security*, 107(?):Article 102312, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100136X>.

Chua:2021:EDP

- [COH21] Hui Na Chua, Jie Sheng Ooi, and Anthony Herbland. The effects of different personal data categories on information privacy concern and disclosure. *Computers & Security*, 110(?):Article 102453, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002777>.

Caturano:2021:DRC

- [CPR21] Francesco Caturano, Gaetano Perrone, and Simon Pietro Romano. Discovering reflected cross-site scripting vulnerabilities using a multiobjective reinforcement learning environment. *Computers & Security*, 103(?):Article 102204, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000286>.

Catillo:2021:DRP

- [CPRV21] Marta Catillo, Antonio Pecchia, Massimiliano Rak, and Umberto Villano. Demystifying the role of public intrusion datasets: a replication study of DoS network traffic data. *Computers & Security*, 108(?):Article 102341, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001656>.

Cao:2022:SAV

- [CPT⁺22] Yan Cao, Yuan Ping, Shaohua Tao, YongGang Chen, and YanXia Zhu. Specification and adaptive verification of access control policy for cyber-physical-social spaces. *Computers & Security*, 114(??):Article 102579, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100403X>.

Chen:2021:AVS

- [CQL⁺21] Haowen Chen, Qiang Qu, Yexiong Lin, Xia Chen, and Keqin Li. Authenticity verification on social data outsourcing. *Computers & Security*, 100(??):Article 102077, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303503>.

Castelblanco:2022:DFA

- [CRS⁺22] Alejandra Castelblanco, Esteban Rivera, Jesús Solano, Lizzy Tengana, Christian López, and Martín Ochoa. Dynamic face authentication systems: Deep learning verification for camera close-up and head rotation paradigms. *Computers & Security*, 115(??):Article 102629, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000281>.

Chohra:2022:COF

- [CSKD22] Aniss Chohra, Paria Shirani, ElMouatez Billah Karbab, and Mourad Debbabi. Chameleon: Optimized feature selection using particle swarm optimization and ensemble methods for network anomaly detection. *Computers & Security*, 117(??):Article 102684, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000827>.

Cirne:2022:ISC

- [CSRA22] André Cirne, Patrícia R. Sousa, João S. Resende, and Luís Antunes. IoT security certifications: Challenges and potential approaches. *Computers & Security*, 116(??):Article 102669,

May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000682>.

Cascavilla:2021:CTI

- [CTV21] Giuseppe Cascavilla, Damian A. Tamburri, and Willem-Jan Van Den Heuvel. Cybercrime threat intelligence: a systematic multi-vocal literature review. *Computers & Security*, 105(?):Article 102258, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000821>.

Cayir:2021:RCF

- [ÇÜD21] Aykut Çayir, Ugur Ünal, and Hasan Dag. Random CapsNet forest model for imbalanced malware type classification task. *Computers & Security*, 102(?):Article 102133, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304065>.

Chevrot:2022:CCA

- [CVL22] Antoine Chevrot, Alexandre Vernotte, and Bruno Legard. CAE: Contextual auto-encoder for multivariate time-series anomaly detection in air transportation. *Computers & Security*, 116(?):Article 102652, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000517>.

Chen:2022:TNR

- [CWL+22] Fei Chen, Jiahao Wang, Jianqiang Li, Yang Xu, Cheng Zhang, and Tao Xiang. TrustBuilder: a non-repudiation scheme for IoT cloud applications. *Computers & Security*, 116(?):Article 102664, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000633>.

Chen:2022:VII

- [CXC22] Yan Chen, Weidong Xia, and Karlene Cousins. Voluntary and instrumental information security policy compliance: an integrated view of prosocial motivation, self-regulation and deterrence. *Computers & Security*, 113(?):Article 102568,

February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003928>.

Chen:2020:CBR

- [CXLV20] Yurong Chen, Hongfa Xue, Tian Lan, and Guru Venkataramani. CHOP: Bypassing runtime bounds checking through convex hull optimization. *Computers & Security*, 90(?): Article 101708, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302457>. ■

Chen:2021:DGB

- [CYL⁺21] Siqu Chen, Yufei Yuan, Xin (Robert) Luo, Jie Jian, and Yan Wang. Discovering group-based transnational cyber fraud actives: a polymethodological view. *Computers & Security*, 104(?): Article 102217, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000419>.

Chen:2020:RSN

- [CZCX20] Jinyin Chen, Haibin Zheng, Ruoxi Chen, and Hui Xiong. RCA-SOC: a novel adversarial defense by refocusing on critical areas and strengthening object contours. *Computers & Security*, 96(?): Article 101916, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301929>.

Cheng:2022:MTA

- [CZG⁺22] Yueqiang Cheng, Zhi Zhang, Yansong Gao, Zhaofeng Chen, Shengjian Guo, Qifei Zhang, Rui Mei, Surya Nepal, and Yang Xiang. Meltdown-type attacks are still feasible in the wall of kernel page-table isolation. *Computers & Security*, 113(?): Article 102556, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003801>.

Coulter:2022:DAW

- [CZPX22] Rory Coulter, Jun Zhang, Lei Pan, and Yang Xiang. Domain adaptation for Windows advanced persistent threat de-

tection. *Computers & Security*, 112(?):Article 102496, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003205>.

Chen:2021:ODP

- [CZS⁺21] Xin Chen, Tao Zhang, Sheng Shen, Tianqing Zhu, and Ping Xiong. An optimized differential privacy scheme with reinforcement learning in VANET. *Computers & Security*, 110(?):Article 102446, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002704>.

Chen:2021:FND

- [CZX⁺21] Jinyin Chen, Haibin Zheng, Hui Xiong, Ruoxi Chen, Tianyu Du, Zhen Hong, and Shouling Ji. FineFool: a novel DNN object contour attack on image recognition based on the attention perturbation adversarial technique. *Computers & Security*, 104(?):Article 102220, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000444>.

Chen:2021:HIS

- [CZZ⁺21] E. Chen, Yan Zhu, Guizhen Zhu, Kaitai Liang, and Rongquan Feng. How to implement secure cloud file sharing using optimized attribute-based access control with small policy matrix and minimized cumulative errors. *Computers & Security*, 107(?):Article 102318, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001425>.

DaSilva:2022:CSL

- [Da 22] Joseph Da Silva. Cyber security and the Leviathan. *Computers & Security*, 116(?):Article 102674, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000724>.

Dionysiou:2020:SMV

- [DA20] Antreas Dionysiou and Elias Athanasopoulos. SoK: Machine vs. machine — a systematic classification of automated machine learning-based CAPTCHA solvers. *Computers & Security*, 97(??):Article 101947, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302236>.

Djelouat:2020:SCS

- [DABB20] Hamza Djelouat, Abbas Amira, Faycal Bensaali, and Issam Boukhenoufa. Secure compressive sensing for ECG monitoring. *Computers & Security*, 88(??):Article 101649, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301932>.

Desouza:2020:WIS

- [DANS20] Kevin C. Desouza, Atif Ahmad, Humza Naseer, and Munish Sharma. Weaponizing information systems for political disruption: the Actor, Lever, Effects, and Response Taxonomy (ALERT). *Computers & Security*, 88(??):Article 101606, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301579>.

Das:2020:ADI

- [DAZ20] Tanmoy Kanti Das, Sridhar Adepu, and Jianying Zhou. Anomaly detection in industrial control systems using logical analysis of data. *Computers & Security*, 96(??):Article 101935, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302121>.

Dabbagh:2021:SEP

- [DCB⁺21] Mohammad Dabbagh, Kim-Kwang Raymond Choo, Amin Beheshti, Mohammad Tahir, and Nader Sohrabi Safa. A survey of empirical performance evaluation of permissioned blockchain platforms: Challenges and opportunities. *Computers & Security*, 100(??):Article 102078, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303515>.

Dave:2022:CSC

- [DCS⁺22] Gaurav Dave, Gaurav Choudhary, Vikas Sihag, Ilsun You, and Kim-Kwang Raymond Choo. Cyber security challenges in aviation communication, navigation, and surveillance. *Computers & Security*, 112(??):Article 102516, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003400>.

Dong:2020:EES

- [DCSW20] Ye Dong, Xiaojun Chen, Liyan Shen, and Dakui Wang. EaST-FLy: Efficient and secure ternary federated learning. *Computers & Security*, 94(??):Article 101824, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300985>.

Dahiya:2020:MAA

- [DG20] Amrita Dahiya and B. B. Gupta. Multi attribute auction based incentivized solution against DDoS attacks. *Computers & Security*, 92(??):Article 101763, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030047X>.

Derbyshire:2021:TDL

- [DGH21] Richard Derbyshire, Benjamin Green, and David Hutchison. “Talking a different Language”: Anticipating adversary attack cost for cyber risk assessment. *Computers & Security*, 103(??):Article 102163, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304363>.

Das:2020:UUC

- [DKSS20] Ayan Kumar Das, Sidra Kalam, Nausheen Sahar, and Ditiptiya Sinha. UCFL: User categorization using fuzzy logic towards PUF based two-phase authentication of fog assisted IoT devices. *Computers & Security*, 97(??):Article 101938, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302145>.

Demigha:2021:HBS

- [DL21] Oualid Demigha and Ramzi Larguet. Hardware-based solutions for trusted cloud computing. *Computers & Security*, 103(??):Article 102117, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303904>.

Dai:2021:UIL

- [DLQ⁺21] Yusheng Dai, Hui Li, Yekui Qian, Yunling Guo, Ruipeng Yang, and Min Zheng. Using IRP and local alignment method to detect distributed malware. *Computers & Security*, 100(??):Article 102109, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303825>.

Davies:2021:DAA

- [DMB21] Simon R. Davies, Richard Macfarlane, and William J. Buchanan. Differential area analysis for ransomware attack detection within mixed file datasets. *Computers & Security*, 108(??):Article 102377, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002017>.

Dvir:2020:EVT

- [DMD⁺20] Amit Dvir, Angelos K. Marnierides, Ran Dubin, Nehor Golan, and Chen Hajaj. Encrypted video traffic clustering demystified. *Computers & Security*, 96(??):Article 101917, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301930>.

DeSanto:2021:EMS

- [DMRV21] D. De Santo, C. S. Malavenda, S. P. Romano, and C. Vecchio. Exploiting the MIL-STD-1553 avionic data bus with an active cyber device. *Computers & Security*, 100(??):Article 102097, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303709>.

doNascimento:2021:MSH

- [dNaJMMFM21] Pablo Pessoa do Nascimento, Paulo Pereira and [comma][comma] Jr. Marco Mialaret, Isac Ferreira, and Paulo Maciel. A methodology for selecting hardware performance counters for supporting non-intrusive diagnostic of flood DDoS attacks on web servers. *Computers & Security*, 110(??):Article 102434, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002583>.

Dhieb:2020:TNB

- [DNB⁺20] Thameur Dhieb, Sourour Njah, Houcine Boubaker, Wael Ouarda, Mounir Ben Ayed, and Adel M. Alimi. Towards a novel biometric system for forensic document examination. *Computers & Security*, 97(??):Article 101973, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302467>.

Diesch:2020:CMI

- [DPK20] Rainer Diesch, Matthias Pfaff, and Helmut Krcmar. A comprehensive model of information security factors for decision-makers. *Computers & Security*, 92(??):Article 101747, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300341>.

Dang-Pham:2022:IIS

- [DPKHP22] Duy Dang-Pham, Karlheinz Kautz, Ai-Phuong Hoang, and Siddhi Pittayachawan. Identifying information security opinion leaders in organizations: Insights from the theory of social power bases and social network analysis. *Computers & Security*, 112(??):Article 102505, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003291>.

Doucek:2020:APS

- [DPSN20] Petr Doucek, Lubos Pavlíček, Jirí Sedláček, and Lea Nedomová. Adaptation of password strength estimators to a non-English environment — the Czech experience. *Computers & Security*, 95(??):Article 101757, August 2020. CO-

DEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300419>.

Dileesh:2020:MPV

- [DS20] E. D. Dileesh and A. P. Shanthi. M-PIVAD — virtual memory based approach against non-control data attacks. *Computers & Security*, 95(??):Article 101834, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818311374>.

Dileesh:2021:ASD

- [DS21] E. D. Dileesh and A. P. Shanthi. An application specific dynamic behaviour model using function-call sequence and memory access-graph for execution integrity verification. *Computers & Security*, 107(??):Article 102299, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001231>.

Dorsala:2020:FPV

- [DSC20] Mallikarjun Reddy Dorsala, V. N. Sastry, and Sudhakar Chapram. Fair payments for verifiable cloud services using smart contracts. *Computers & Security*, 90(??):Article 101712, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302494>.

daSilva:2020:HBS

- [dSFG20] Carlo Marcelo Revoredo da Silva, Eduardo Luzeiro Feitosa, and Vinicius Cardoso Garcia. Heuristic-based strategy for phishing prediction: a survey of URL-based approach. *Computers & Security*, 88(??):Article 101613, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301622>.

DOnghia:2022:ASD

- [DSN⁺22] Mario D’Onghia, Matteo Salvatore, Benedetto Maria Nespoli, Michele Carminati, Mario Polino, and Stefano Zanero. Apícula: Static detection of API calls in generic streams of

bytes. *Computers & Security*, 119(?):Article 102775, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001705>.

Duy:2021:DDI

- [DTK⁺21] Phan The Duy, Le Khac Tien, Nghi Hoang Khoa, Do Thi Thu Hien, Anh Gia-Tuan Nguyen, and Van-Hau Pham. DIG-FuPAS: Deceive IDS with GAN and function-preserving on adversarial samples in SDN-enabled networks. *Computers & Security*, 109(?):Article 102367, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001917>.

daVeiga:2020:DOI

- [dVABH20] Adéle da Veiga, Liudmila V. Astakhova, Adéle Botha, and Marlien Herselman. Defining organisational information security culture-perspectives from academia and industry. *Computers & Security*, 92(?):Article 101713, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300018>.

Doctor:2020:EDE

- [DVJ⁺20] Jason N. Doctor, Jaideep Vaidya, Xiaoqian Jiang, Shuang Wang, Lisa M. Schilling, Toan Ong, Michael E. Matheny, Lucila Ohno-Machado, and Daniella Meeker. Efficient determination of equivalence for encrypted data. *Computers & Security*, 97(?):Article 101939, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302157>.

Du:2022:MPL

- [DZ22] Ruizhong Du and Lin Zhen. Multiuser physical layer security mechanism in the wireless communication system of the IIOT. *Computers & Security*, 113(?):Article 102559, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003837>.

Duan:2021:MGN

- [DZZ⁺21] Yexin Duan, Xingyu Zhou, Junhua Zou, Junyang Qiu, Jin Zhang, and Zhisong Pan. Mask-guided noise restriction adversarial attacks for image classification. *Computers & Security*, 100(?):Article 102111, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303849>.

Evangelou:2020:ADF

- [EA20] Marina Evangelou and Niall M. Adams. An anomaly detection framework for cyber-security data. *Computers & Security*, 97(?):Article 101941, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302170>.

Erola:2022:SCC

- [EAN⁺22] Arnau Erola, Ioannis Agraftotis, Jason R. C. Nurse, Louise Axon, Michael Goldsmith, and Sadie Creese. A system to calculate cyber value-at-risk. *Computers & Security*, 113(?):Article 102545, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003692>.

Engstrom:2022:TDC

- [EL22] Viktor Engström and Robert Lagerström. Two decades of cyberattack simulations: a systematic literature review. *Computers & Security*, 116(?):Article 102681, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000797>.

Estay:2020:SRC

- [ESBJ20] Daniel A. Sepúlveda Estay, Rishikesh Sahay, Michael B. Barfod, and Christian D. Jensen. A systematic review of cyber-resilience assessment frameworks. *Computers & Security*, 97(?):Article 101996, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302698>.

Esmailzadeh:2020:EPP

- [Esm20] Pouyan Esmailzadeh. The effect of the privacy policy of Health Information Exchange (HIE) on patients' information disclosure intention. *Computers & Security*, 95(?): Article 101819, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818311763>. ■

Elmrabit:2020:ITR

- [EYYZ20] Nebrase Elmrabit, Shuang-Hua Yang, Lili Yang, and Huiyu Zhou. Insider threat risk prediction based on Bayesian network. *Computers & Security*, 96(?): Article 101908, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030184X>.

El-Zawawy:2021:VAW

- [EZLC21] Mohamed A. El-Zawawy, Eleonora Losiouk, and Mauro Conti. Vulnerabilities in Android webview objects: Still not the end! *Computers & Security*, 109(?): Article 102395, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002194>.

Filiz:2021:ERD

- [FACHC21] Burak Filiz, Budi Arief, Orcun Cetin, and Julio Hernandez-Castro. On the effectiveness of ransomware decryption tools. *Computers & Security*, 111(?): Article 102469, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002935>.

Figueira:2020:IIS

- [FBL20] Pedro Tubío Figueira, Cristina López Bravo, and José Luis Rivas López. Improving information security risk analysis by including threat-occurrence predictive models. *Computers & Security*, 88(?): Article 101609, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301592>.

Frenklach:2021:AMD

- [FCSP21] Tatiana Frenklach, Dvir Cohen, Asaf Shabtai, and Rami Puzis. Android malware detection via an app similarity graph. *Computers & Security*, 109(?):Article 102386, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002108>.

Fu:2022:FCF

- [FDK⁺22] Anmin Fu, Weijia Ding, Boyu Kuang, Qianmu Li, Willy Susilo, and Yuqing Zhang. FH-CFI: Fine-grained hardware-assisted control flow integrity for ARM-based IoT devices. *Computers & Security*, 116(?):Article 102666, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000657>.

Fouladi:2022:NAD

- [FEA22] Ramin Fadaei Fouladi, Orhan Ermis, and Emin Anarim. A novel approach for distributed denial of service defense using continuous wavelet transform and convolutional neural network for software-defined network. *Computers & Security*, 112(?):Article 102524, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003485>.

Frauenstein:2020:SPS

- [FF20] Edwin Donald Frauenstein and Stephen Flowerday. Susceptibility to phishing on social network sites: a personality information processing model. *Computers & Security*, 94(?):Article 101862, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301346>.

Fernandez-Fuentes:2022:DFA

- [FFPC22] Xosé Fernández-Fuentes, Tomás F. Pena, and José C. Cabaleiro. Digital forensic analysis methodology for private browsing: Firefox and Chrome on Linux as a case study. *Computers & Security*, 115(?):Article 102626, April 2022.

CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000256>.

Fang:2021:PPC

- [FGH⁺21] Chen Fang, Yuanbo Guo, Yongjin Hu, Bowen Ma, Li Feng, and Anqi Yin. Privacy-preserving and communication-efficient federated learning in Internet of Things. *Computers & Security*, 103(?):Article 102199, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000237>.

Fang:2020:HEF

- [FGWJ20] Chen Fang, Yuanbo Guo, Na Wang, and Ankang Ju. Highly efficient federated learning with strong privacy preservation in cloud computing. *Computers & Security*, 96(?):Article 101889, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301620>.

Fang:2020:DMJ

- [FHSQ20] Yong Fang, Cheng Huang, Yu Su, and Yaoyao Qiu. Detecting malicious JavaScript code based on semantic analysis. *Computers & Security*, 93(?):Article 101764, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300481>.

Furnell:2022:AAA

- [FHW22] Steven Furnell, Kirsi Helkala, and Naomi Woods. Accessible authentication: Assessing the applicability for users with disabilities. *Computers & Security*, 113(?):Article 102561, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003850>.

Fang:2022:JMJ

- [FHZ⁺22] Yong Fang, Chaoyi Huang, Minchuan Zeng, Zhiying Zhao, and Cheng Huang. JStrong: Malicious JavaScript detection based on code semantic representation and graph neural network. *Computers & Security*, 118(?):Article 102715, July

2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001110>.

Fernando:2022:FFS

- [FK22] Damien Warren Fernando and Nikos Komninos. FeSA: Feature selection architecture for ransomware detection under concept drift. *Computers & Security*, 116(?):Article 102659, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482200058X>.

Fried:2021:FAA

- [FL21] Asaf Fried and Mark Last. Facing airborne attacks on ADS-B data with autoencoders. *Computers & Security*, 109(?):Article 102405, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002297>.

Fathalizadeh:2022:PPI

- [FMA22] Amir Fathalizadeh, Vahideh Moghtadaiee, and Mina Alishahi. On the privacy protection of indoor location dataset using anonymization. *Computers & Security*, 117(?):Article 102665, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000645>.

Ferretti:2021:SZT

- [FMAC21] Luca Ferretti, Federico Magnanini, Mauro Andreolini, and Michele Colajanni. Survivable zero trust for cloud computing environments. *Computers & Security*, 110(?):Article 102419, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002431>.

Furnell:2021:CWS

- [Fur21] Steven Furnell. The cybersecurity workforce and skills. *Computers & Security*, 100(?):Article 102080, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303539>.

Farshadkhah:2021:OEA

- [FVF21] Sahar Farshadkhah, Craig Van Slyke, and Bryan Fuller. On-looker effect and affective responses in information security violation mitigation. *Computers & Security*, 100(?): Article 102082, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303552>. ■

Formosa:2021:PFC

- [FWR21] Paul Formosa, Michael Wilson, and Deborah Richards. A principlist framework for cybersecurity ethics. *Computers & Security*, 109(?): Article 102382, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002066>.

Fang:2020:CFT

- [FXL⁺20] Junbin Fang, Guikai Xi, Rong Li, Qian Chen, Puxi Lin, Sijin Li, Zoe Lin Jiang, and Siu-Ming Yiu. Coarse-to-fine two-stage semantic video carving approach in digital forensics. *Computers & Security*, 97(?): Article 101942, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302182>.

Fang:2022:DRP

- [FXZ22] Rui Fang, Maochao Xu, and Peng Zhao. Determination of ransomware payment based on Bayesian game models. *Computers & Security*, 116(?): Article 102685, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000839>.

Giddens:2020:GBI

- [GAC20] Laurie Giddens, Laura C. Amo, and Dianna Cichocki. Gender bias and the impact on managerial evaluation of insider security threats. *Computers & Security*, 99(?): Article 102066, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303394>.

Gajrani:2020:EPR

- [GAL⁺20a] Jyoti Gajrani, Umang Agarwal, Vijay Laxmi, Bruhadeshwar Bezawada, Manoj Singh Gaur, Meenakshi Tripathi, and Akka Zemmari. EspyDroid+: Precise reflection analysis of Android apps. *Computers & Security*, 90(?):Article 101688, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302251>.

Galbally:2020:NFB

- [Gal20b] Javier Galbally. A new foe in biometrics: a narrative review of side-channel attacks. *Computers & Security*, 96(?):Article 101902, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301784>.

Garg:2021:ASA

- [GB21] Shivi Garg and Niyati Baliyan. Android security assessment: a review, taxonomy and research gap study. *Computers & Security*, 100(?):Article 102087, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303606>.

Güven:2022:NPP

- [GBA22] Ebu Yusuf Güven, Ali Boyacı, and Muhammed Ali Aydin. A novel password policy focusing on altering user password selection habits: a statistical analysis on breached data. *Computers & Security*, 113(?):Article 102560, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003849>.

Gomez-Barrero:2020:RIS

- [GBG20] Marta Gomez-Barrero and Javier Galbally. Reversing the irreversible: a survey on inverse biometrics. *Computers & Security*, 90(?):Article 101700, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302378>.

Graveto:2022:SBA

- [GCS22] Vitor Graveto, Tiago Cruz, and Paulo Simões. Security of building automation and control systems: Survey and future research directions. *Computers & Security*, 112(??):Article 102527, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003515>.

Gao:2021:GAM

- [GCZ21] Han Gao, Shaoyin Cheng, and Weiming Zhang. GDroid: Android malware detection and classification with graph convolutional network. *Computers & Security*, 106(??):Article 102264, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000882>.

Garcia:2021:OFC

- [GDG21] David Escudero García and Noemí DeCastro-García. Optimal feature configuration for dynamic malware detection. *Computers & Security*, 105(??):Article 102250, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000742>.

Green:2021:PTA

- [GDK⁺21] Benjamin Green, Richard Derbyshire, Marina Krotofil, William Knowles, Daniel Prince, and Neeraj Suri. PCaaD: Towards automated determination and exploitation of industrial systems. *Computers & Security*, 110(??):Article 102424, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002480>.

Gibert:2022:EIN

- [GFM⁺22] Daniel Gibert, Matt Fredrikson, Carles Mateu, Jordi Planes, and Quan Le. Enhancing the insertion of NOP instructions to obfuscate malware via deep reinforcement learning. *Computers & Security*, 113(??):Article 102543, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003679>.

Guo:2021:FEH

- [GG21] Yimin Guo and Yajun Guo. FogHA: an efficient handover authentication for mobile devices in fog computing. *Computers & Security*, 108(??):Article 102358, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001826>.

Garg:2022:SLR

- [GG22] Manika Garg and Anita Goel. A systematic literature review on online assessment security: Current challenges and integrity strategies. *Computers & Security*, 113(??):Article 102544, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003680>.

Guggenmos:2022:SFS

- [GHOS22] Florian Guggenmos, Björn Häckel, Philipp Ollig, and Bastian Stahl. Security first, security by design, or security pragmatism — strategic roles of IT security in digitalization projects. *Computers & Security*, 118(??):Article 102747, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001420>.

Gupta:2022:CIU

- [GJB22] Neha Gupta, Vinita Jindal, and Punam Bedi. CSE-IDS: Using cost-sensitive deep learning and ensemble algorithms to handle class imbalance in network-based intrusion detection systems. *Computers & Security*, 112(??):Article 102499, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003230>.

Guo:2020:PPI

- [GJCJ20] Cheng Guo, Jing Jia, Kim-Kwang Raymond Choo, and Yingmo Jie. Privacy-preserving image search (PPIS): Secure classification and searching using convolutional neural network over large-scale encrypted medical images. *Computers & Security*, 99(??):Article 102021, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302947>.

Gunes:2021:CSR

- [GKB21] Bunyamin Gunes, Gizem Kayisoglu, and Pelin Bolat. Cyber security risk assessment for seaports: a case study of a container port. *Computers & Security*, 103(??):Article 102196, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000201>.

Gupta:2022:STN

- [GKC22] Sandeep Gupta, Mouna Kacimi, and Bruno Crispo. Step and turn — a novel bimodal behavioral biometric-based user verification scheme for physical access control. *Computers & Security*, 118(??):Article 102722, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001171>.

Gu:2021:EID

- [GL21] Jie Gu and Shan Lu. An effective intrusion detection approach using SVM with naïve Bayes feature embedding. *Computers & Security*, 103(??):Article 102158, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304314>.

Gernot:2022:BM

- [GL22] Tanguy Gernot and Patrick Lacharme. Biometric masterkeys. *Computers & Security*, 116(??):Article 102642, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000414>.

Guo:2021:EES

- [GLTH21] Yongyan Guo, Jiayong Liu, Wenwu Tang, and Cheng Huang. Exsense: Extract sensitive information from unstructured data. *Computers & Security*, 102(??):Article 102156, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304296>.

Guerra-Manzanares:2021:KTB

- [GMBN21] Alejandro Guerra-Manzanares, Hayretin Bahsi, and Sven Nömm. KronoDroid: Time-based hybrid-featured dataset

for effective Android malware detection and characterization. *Computers & Security*, 110(??):Article 102399, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002236>.

Gallo:2021:YAP

- [GMBV21] Luigi Gallo, Alessandro Maiello, Alessio Botta, and Giorgio Ventre. 2 years in the anti-phishing group of a large company. *Computers & Security*, 105(??):Article 102259, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000833>.

Gibert:2020:HMD

- [GMP20] Daniel Gibert, Carles Mateu, and Jordi Planes. HYDRA: a multimodal deep learning framework for malware classification. *Computers & Security*, 95(??):Article 101873, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301462>.

Gibert:2021:ASM

- [GMPMS21] Daniel Gibert, Carles Mateu, Jordi Planes, and Joao Marques-Silva. Auditing static machine learning anti-malware tools against metamorphic attacks. *Computers & Security*, 102(??):Article 102159, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304326>.

Guerreiro:2020:TSE

- [GMS20] João Guerreiro, Rui Moura, and João Nuno Silva. TEENDER: SGX enclave migration using HSMs. *Computers & Security*, 96(??):Article 101874, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301474>.

Galal:2022:BKP

- [GMY22] Hisham Galal, Mohammad Mannan, and Amr Youssef. Blindfold: Keeping private keys in PKIs and CDNs out of sight.

Computers & Security, 118(??):Article 102731, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001262>.

Galloro:2022:SLS

- [GPC⁺22] Nicola Galloro, Mario Polino, Michele Carminati, Andrea Continella, and Stefano Zanero. A systematical and longitudinal study of evasive behaviors in windows malware. *Computers & Security*, 113(??):Article 102550, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003746>.

Gudeme:2021:CMR

- [GPK21] Jaya Rao Gudeme, Syam Kumar Pasupuleti, and Ramesh Kandukuri. Certificateless multi-replica public integrity auditing scheme for dynamic shared data in cloud storage. *Computers & Security*, 103(??):Article 102176, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304491>.

Guri:2020:FAD

- [GSE20] Mordechai Guri, Yosef Solewicz, and Yuval Elovici. Follower: Acoustic data exfiltration from air-gapped computers via fans noise. *Computers & Security*, 91(??):Article 101721, April 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300080>.

Griswold-Steiner:2021:SSP

- [GSLS21] Isaac Griswold-Steiner, Zachary LeFevre, and Abdul Serwadda. Smartphone speech privacy concerns from side-channel attacks on facial biomechanics. *Computers & Security*, 100(??):Article 102110, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303837>.

Gill:2020:GCG

- [GSS20a] Komal Singh Gill, Sharad Saxena, and Anju Sharma. GTM-CSec: Game theoretic model for cloud security based on IDS

and honeypot. *Computers & Security*, 92(??):Article 101732, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300195>.

Guan:2020:DPG

- [GSS⁺20b] Zhitao Guan, Xianwen Sun, Lingyun Shi, Longfei Wu, and Xiaojiang Du. A differentially private greedy decision forest classification algorithm with high utility. *Computers & Security*, 96(??):Article 101930, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302054>.

Gonen:2020:FDI

- [GSY⁺20] Serkan Gönen, H. Hüseyin Sayan, Ercan Nurcan Yilmaz, Furkan Üstünsoy, and Gökçe Karacayilmaz. False data injection attacks and the insider threat in smart systems. *Computers & Security*, 97(??):Article 101955, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302315>.

Ge:2020:PPB

- [GYL⁺20] Chunpeng Ge, Changchun Yin, Zhe Liu, Liming Fang, Juncen Zhu, and Huading Ling. A privacy preserve big data analysis system for wearable wireless sensor network. *Computers & Security*, 96(??):Article 101887, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301607>.

Guo:2018:LLP

- [GZ18] Yimin Guo and Zhenfeng Zhang. LPSE: Lightweight password-strength estimation for password meters. *Computers & Security*, 73(??):507–518, March 2018. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404817301530>. See corrigendum [GZ20].

Guo:2020:CLL

- [GZ20] Yimin Guo and Zhenfeng Zhang. Corrigendum to “LPSE: Lightweight password-strength estimation for password me-

ters” [Computers and Security, Volume 73, 2018, Pages 507–518]. *Computers & Security*, 94(??):Article 101879, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301528>. See [GZ18].

Guo:2019:ONP

- [GZG19] Yimin Guo, Zhenfeng Zhang, and Yajun Guo. Optiwords: a new password policy for creating memorable and strong passwords. *Computers & Security*, 85(??):423–435, August 2019. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301105>. See [GZG20].

Guo:2020:CON

- [GZG20] Yimin Guo, Zhenfeng Zhang, and Yajun Guo. Corrigendum to “Optiwords: a new password policy for creating memorable and strong password” [Computers and Security, Volume 85, 2019, Pages 423–435]. *Computers & Security*, 94(??):Article 101880, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030153X>. See [GZG19].

Guo:2021:SHS

- [GZG21] Yimin Guo, Zhenfeng Zhang, and Yajun Guo. Superword: a honeyword system for achieving higher security goals. *Computers & Security*, 103(??):Article 101689, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302263>.

Guo:2020:NPP

- [GZGG20] Yimin Guo, Zhenfeng Zhang, Yajun Guo, and Xiaowei Guo. Nudging personalized password policies by understanding users’ personality. *Computers & Security*, 94(??):Article 101801, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300870>. ■

Garn:2022:TST

- [GZS⁺22] Bernhard Garn, Stefan Zauner, Dimitris E. Simos, Manuel Leithner, Richard Kuhn, and Raghu Kacker. A two-step

TLS-Based browser fingerprinting approach using combinatorial sequences. *Computers & Security*, 114(??):Article 102575, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003990>.

Hajar:2021:SWB

- [HAKK21] Muhammad Shadi Hajar, M. Omar Al-Kadri, and Harsha Kumara Kalutarage. A survey on wireless body area networks: architecture, security challenges and research opportunities. *Computers & Security*, 104(??):Article 102211, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000353>.

Hernandez-Castro:2020:AAU

- [HCLRM20] Carlos Javier Hernández-Castro, Shujun Li, and María D. R-Moreno. All about uncertainties and traps: Statistical oracle-based attacks on a new CAPTCHA protection against oracle attacks. *Computers & Security*, 92(??):Article 101758, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300420>.

Hariyanti:2021:ISV

- [HDS21] Eva Hariyanti, Arif Djunaidy, and Daniel Siahaan. Information security vulnerability prediction based on business process model using machine learning approach. *Computers & Security*, 110(??):Article 102422, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002467>.

He:2022:BAA

- [HDZ⁺22] Zhengyun He, Yexin Duan, Wu Zhang, Junhua Zou, Zhengfang He, Yunyun Wang, and Zhisong Pan. Boosting adversarial attacks with transformed gradient. *Computers & Security*, 118(??):Article 102720, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001158>.

Hettema:2021:RCC

- [Het21] Hinne Hettema. Rationality constraints in cyber defense: Incident handling, attribution and cyber threat intelligence. *Computers & Security*, 109(??):Article 102396, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002200>.

House:2020:PSD

- [HG20] Deanna House and Gabe Giordano. Politeness in security directives: Insights in browser compliance for the human element. *Computers & Security*, 99(??):Article 102007, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302807>.

Ho:2021:CCD

- [HG21] Shuyuan Mary Ho and Melissa Gross. Consciousness of cyber defense: a collective activity system for developing organizational cyber awareness. *Computers & Security*, 108(??):Article 102357, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001814>.

Hu:2022:TPP

- [HHL⁺22] Yun Hu, Aiqun Hu, Chunguo Li, Peng Li, and Chunyu Zhang. Towards a privacy protection-capable noise fingerprinting for numerically aggregated data. *Computers & Security*, 119(??):Article 102755, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482200150X>.

Han:2020:CTC

- [HHSL20] Jiaxuan Han, Cheng Huang, Fan Shi, and Jiayong Liu. Covert timing channel detection method based on time interval and payload length analysis. *Computers & Security*, 97(??):Article 101952, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302285>.

Hu:2021:ISE

- [HHZ21] Siqi Hu, Carol Hsu, and Zhongyun Zhou. The impact of SETA event attributes on employees' security-related intentions: an event system theory perspective. *Computers & Security*, 109(??):Article 102404, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002285>.

Ho:2022:SCP

- [HKM22] Heemeng Ho, Ryan Ko, and Lorraine Mazerolle. Situational Crime Prevention (SCP) techniques to prevent and control cybercrimes: a focused systematic review. *Computers & Security*, 115(??):Article 102611, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000104>.

Hoglund:2020:PTP

- [HLFR20] Joel Höglund, Samuel Lindemer, Martin Furuhed, and Shahid Raza. PKI4IoT: Towards public key infrastructure for the Internet of Things. *Computers & Security*, 89(??):Article 101658, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302019>.

Lin:2021:PBP

- [hLHhLfW21] Pei hong Lin, Zheng Hong, Yi hao Li, and Li fa Wu. A priority based path searching method for improving hybrid fuzzing. *Computers & Security*, 105(??):Article 102242, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000663>.

He:2021:IBR

- [HLL⁺21] Junjiang He, Tao Li, Beibei Li, Xiaolong Lan, Zhiyong Li, and Yunpeng Wang. An immune-based risk assessment method for digital virtual assets. *Computers & Security*, 102(??):Article 102134, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304077>.

Huang:2021:ISM

- [HLYZ21] Shize Huang, Xiaowen Liu, Xiaolu Yang, and Zhaoxin Zhang. An improved ShapeShifter method of generating adversarial examples for physical attacks on stop signs against faster R-CNNs. *Computers & Security*, 104(?):Article 102120, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030393X>.

Huang:2021:JMJ

- [HLZ⁺21] Yunhua Huang, Tao Li, Lijia Zhang, Beibei Li, and Xiaojie Liu. JSContana: Malicious JavaScript detection using adaptable context analysis and key feature extraction. *Computers & Security*, 104(?):Article 102218, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000420>.

Harsha:2021:BAC

- [HMB⁺21] Benjamin Harsha, Robert Morton, Jeremiah Blocki, John Springer, and Melissa Dark. Bicycle attacks considered harmful: Quantifying the damage of widespread password length leakage. *Computers & Security*, 100(?):Article 102068, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303412>.

Haider:2020:FHF

- [HMK⁺20] Waqas Haider, Nour Moustafa, Marwa Keshk, Amanda Fernandez, Kim-Kwang Raymond Choo, and Abdul Wahab. FGMC-HADS: Fuzzy Gaussian mixture-based correntropy models for detecting zero-day attacks from Linux systems. *Computers & Security*, 96(?):Article 101906, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301826>.

Haseeb:2022:PMD

- [HMMW22] Junaid Haseeb, Saif Ur Rehman Malik, Masood Mansoori, and Ian Welch. Probabilistic modelling of deception-based security framework using Markov decision process. *Computers & Security*, 115(?):Article 102599, April 2022. CODEN

CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004223>. See corrigendum [HuRMMW22].

Hart:2020:RSG

- [HMPS20] Stephen Hart, Andrea Margheri, Federica Paci, and Vladimiro Sassone. Riskio: a serious game for cyber security awareness and education. *Computers & Security*, 95(??):Article 101827, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301012>.

Harush:2021:DAB

- [HMS21] Shimon Harush, Yair Meidan, and Asaf Shabtai. DeepStream: Autoencoder-based stream temporal clustering and anomaly detection. *Computers & Security*, 106(??):Article 102276, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001000>.

Hassanin:2022:RMM

- [HMTTC22] Mohammed Hassanin, Nour Moustafa, Murat Tahtali, and Kim-Kwang Raymond Choo. Rethinking maximum-margin softmax for adversarial robustness. *Computers & Security*, 116(??):Article 102640, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000396>.

Hodges:2021:CEB

- [Hod21] Duncan Hodges. Cyber-enabled burglary of smart homes. *Computers & Security*, 110(??):Article 102418, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100242X>.

Henry:2020:SPS

- [HP20] Wayne C. Henry and Gilbert L. Peterson. SensorRE: Provenance support for software reverse engineers. *Computers & Security*, 95(??):Article 101865, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301371>.

Huang:2022:BCT

- [HQL⁺22] Yizhao Huang, Meng Qiao, Fudong Liu, Xingwei Li, Hairen Gui, and Chunyan Zhang. Binary code traceability of multi-granularity information fusion from the perspective of software genes. *Computers & Security*, 114(??):Article 102607, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000062>.

Himeur:2022:LTS

- [HSB⁺22] Yassine Himeur, Shahab Saquib Sohail, Faycal Bensaali, Abbes Amira, and Mamoun Alazab. Latest trends of security and privacy in recommender systems: a comprehensive review and future perspectives. *Computers & Security*, 118(??):Article 102746, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001419>.

Huang:2022:DMD

- [HSK22] Yuyao Huang, Hui Shu, and Fei Kang. DeMal: Module decomposition of malware based on community discovery. *Computers & Security*, 117(??):Article 102680, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000785>.

Hu:2020:ENU

- [HSL20] Yang Hu, Mingshen Sun, and John C. S. Lui. Exploiting non-uniform program execution time to evade record/replay forensic analysis. *Computers & Security*, 88(??):Article 101516, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819300938>.

Husak:2022:CTC

- [HŠŠ⁺22] Martin Husák, Lukáš Sadlek, Stanislav Špaček, Martin Laštovička, Michal Javorník, and Jana Komárková. CRU-SOE: a toolset for cyber situational awareness and decision support in incident handling. *Computers & Security*, 115(??):Article 102609, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S0167404822000086>.

Ho-Sam-Sooi:2021:IES

- [HSSPK21] Nick Ho-Sam-Sooi, Wolter Pieters, and Maarten Kroesen. Investigating the effect of security and privacy on IoT device purchase behaviour. *Computers & Security*, 102(?):Article 102132, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304053>.

Haseeb:2022:CPM

- [HuRMMW22] Junaid Haseeb, Saif ur Rehman Malik, Masood Mansoori, and Ian Welch. Corrigendum to ‘Probabilistic modelling of deception-based security framework using Markov decision process’ [Computers and Security 115 (2022)/102599]. *Computers & Security*, 117(?):Article 102689, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000876>. See [HMMW22].

Hou:2020:IES

- [HW20] Tie Hou and Victoria Wang. Industrial espionage — a systematic literature review (SLR). *Computers & Security*, 98(?):Article 102019, November 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302923>.

Han:2021:DPG

- [HX21] Chunling Han and Rui Xue. Differentially private GANs by adding noise to Discriminator’s loss. *Computers & Security*, 107(?):Article 102322, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001462>.

Hu:2021:NBM

- [HXZ+21] Yifan Hu, Peng Xun, Peidong Zhu, Yinqiao Xiong, Yufei Zhu, Weiheng Shi, and Chenxi Hu. Network-based multidimensional moving target defense against false data

injection attack in power system. *Computers & Security*, 107(?):Article 102283, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001073>.

Hannousse:2021:HWA

- [HY21] Abdelhakim Hannousse and Salima Yahiouche. Handling web-shell attacks: a systematic mapping and survey. *Computers & Security*, 108(?):Article 102366, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001905>.

Hei:2020:TFA

- [HYW+20] Xinhong Hei, Xinyue Yin, Yichuan Wang, Ju Ren, and Lei Zhu. A trusted feature aggregator federated learning for distributed malicious attack detection. *Computers & Security*, 99(?):Article 102033, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303060>.

Halim:2021:EGA

- [HYW+21] Zahid Halim, Muhammad Nadeem Yousaf, Muhammad Waqas, Muhammad Sulaiman, Ghulam Abbas, Masroor Hussain, Iftekhar Ahmad, and Muhammad Hanif. An effective genetic algorithm-based feature selection method for intrusion detection systems. *Computers & Security*, 110(?):Article 102448, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002728>.

Hu:2020:PPB

- [HZ20a] Xinwen Hu and Yi Zhuang. PHRiMA: a permission-based hybrid risk management framework for Android apps. *Computers & Security*, 94(?):Article 101791, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300766>.

Huang:2020:DGA

- [HZ20b] Linan Huang and Quanyan Zhu. A dynamic games approach to proactive defense strategies against Advanced Persistent Threats in cyber-physical systems. *Computers & Security*, 89(?):Article 101660, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302020>.

Hu:2019:BBA

- [HZG19] Kexin Hu, Zhenfeng Zhang, and Kaiwen Guo. Breaking the binding: Attacks on the Merkle approach to prove liabilities and its applications. *Computers & Security*, 87(?):Article 101585, November 2019. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404818314093>. See corrigendum [HZG20].

Hu:2020:CBB

- [HZG20] Kexin Hu, Zhenfeng Zhang, and Kaiwen Guo. Corrigendum to “Breaking the binding: Attacks on the Merkle approach to prove liabilities and its applications” [Computers and Security, Volume 87, 2019, 101585]. *Computers & Security*, 94(?):Article 101878, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301516>. See [HZG19].

Hammi:2022:SSH

- [HZKN22] Badis Hammi, Sherali Zeadally, Rida Khatoun, and Jamel Nebhen. Survey on smart homes: Vulnerabilities, risks, and countermeasures. *Computers & Security*, 117(?):Article 102677, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482200075X>. ■

Hu:2021:STV

- [HZL⁺21] Xinwen Hu, Yi Zhuang, Shang-Wei Lin, Fuyuan Zhang, Shuanglong Kan, and Zining Cao. A security type verifier for smart contracts. *Computers & Security*, 108(?):Article 102343, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100167X>. ■

He:2021:SNT

- [HZM21] Ting He, Yong Zheng, and Zherui Ma. Study of network time synchronisation security strategy based on polar coding. *Computers & Security*, 104(?):Article 102214, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000389>.

Huang:2020:BBS

- [HZX⁺20] Haiping Huang, Peng Zhu, Fu Xiao, Xiang Sun, and Qinglong Huang. A blockchain-based scheme for privacy-preserving and secure sharing of medical data. *Computers & Security*, 99(?):Article 102010, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302832>.

Hu:2021:CCP

- [HZX⁺21] Yifan Hu, Peidong Zhu, Peng Xun, Bo Liu, Wenjie Kang, Yinqiao Xiong, and Weiheng Shi. CPMTD: Cyber-physical moving target defense for hardening the security of power system against false data injected attack. *Computers & Security*, 111(?):Article 102465, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002893>.

Hu:2020:SMV

- [HZZ20] Xinwen Hu, Yi Zhuang, and Fuyuan Zhang. A security modeling and verification method of embedded software based on Z and MARTE. *Computers & Security*, 88(?):Article 101615, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404818304358>.

Iannacone:2020:QCE

- [IB20] Michael D. Iannacone and Robert A. Bridges. Quantifiable and comparable evaluations of cyber defensive capabilities: a survey and novel, unified approach. *Computers & Security*, 96(?):Article 101907, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301838>.

Iraqi:2022:CCC

- [IE22] Omar Iraqi and Hanan El Bakkali. Communizer: a collaborative cloud-based self-protecting software communities framework — focus on the alert coordination system. *Computers & Security*, 117(?):Article 102692, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000906>.

Ismail:2021:RAB

- [IHJZ21] Salih Ismail, Hani Ragab Hassen, Mike Just, and Hind Zantout. A review of amplification-based distributed denial of service attacks and their mitigation. *Computers & Security*, 109(?):Article 102380, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002042>.

Imine:2020:APP

- [ILB20] Youcef Imine, Ahmed Lounis, and Abdelmadjid Bouabdallah. An accountable privacy-preserving scheme for public information sharing systems. *Computers & Security*, 93(?):Article 101786, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300717>. ■

Iadarola:2021:TID

- [IMMS21] Giacomo Iadarola, Fabio Martinelli, Francesco Mercaldo, and Antonella Santone. Towards an interpretable deep learning model for mobile malware detection and family identification. *Computers & Security*, 105(?):Article 102198, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000225>.

Iyer:2022:EPN

- [IMN22] Padmavathi Iyer, Amirreza Masoumzadeh, and Paliath Narendran. On the expressive power of negated conditions and negative authorizations in access control models. *Computers & Security*, 116(?):Article 102586, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004090>.

Ibitoye:2022:DPS

- [ISM22] Olakunle Ibitoye, M. Omair Shafiq, and Ashraf Matrawy. Differentially private self-normalizing neural networks for adversarial robustness in federated learning. *Computers & Security*, 116(?):Article 102631, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482200030X>.

Jang:2022:PBE

- [Jan22] Daehee Jang. Badastr: Exceptional cases of ASLR aiding exploitation. *Computers & Security*, 112(?):Article 102510, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003345>.

Jmila:2021:TSA

- [JB21] Houda Jmila and Gregory Blanc. Towards security-aware 5G slice embedding. *Computers & Security*, 100(?):Article 102075, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303485>.

Jia:2022:BFC

- [JB22] Haiyan Jia and Eric P. S. Baumer. Birds of a feather: Collective privacy of online social activist groups. *Computers & Security*, 115(?):Article 102614, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482200013X>.

Jung:2021:NIT

- [JCJ⁺21] Changhun Jung, Jinchun Choi, Rhongho Jang, David Mohaisen, and DaeHun Nyang. A network-independent tool-based usable authentication system for Internet of Things devices. *Computers & Security*, 108(?):Article 102338, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001620>.

Jerbi:2020:UAM

- [JDBB20] Manel Jerbi, Zaineb Chelly Dagdia, Slim Bechikh, and Lamjed Ben Said. On the use of artificial malicious

patterns for Android malware detection. *Computers & Security*, 92(??):Article 101743, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818309994>.

Junior:2021:NWA

- [JE21] Manoel Domingues Junior and Nelson F. F. Ebecken. A new WAF architecture with machine learning for resource-efficient use. *Computers & Security*, 106(??):Article 102290, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001140>.

Jahromi:2020:ITH

- [JHD⁺20] Amir Namavar Jahromi, Sattar Hashemi, Ali Dehghantanha, Kim-Kwang Raymond Choo, Hadis Karimipour, David Ellis Newton, and Reza M. Parizi. An improved two-hidden-layer extreme learning machine for malware hunting. *Computers & Security*, 89(??):Article 101655, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819301981>.

Jim:2022:EMS

- [JIG22] Lincy E. Jim, Nahina Islam, and Mark A. Gregory. Enhanced MANET security using artificial immune system based danger theory to detect selfish nodes. *Computers & Security*, 113(??):Article 102538, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100362X>.

Jeon:2021:AAV

- [JK21a] Sanghoon Jeon and Huy Kang Kim. AutoVAS: an automated vulnerability analysis system with a deep learning approach. *Computers & Security*, 106(??):Article 102308, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001322>.

Jeon:2021:TIM

- [JK21b] Sanghoon Jeon and Huy Kang Kim. TZMon: Improving mobile game security with ARM trustzone. *Computers & Security*, 109(??):Article 102391, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002157>.

Jian:2021:NFI

- [JKR⁺21] Yifei Jian, Hongbo Kuang, Chenglong Ren, Zicheng Ma, and Haizhou Wang. A novel framework for image-based malware detection with a deep neural network. *Computers & Security*, 109(??):Article 102400, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002248>.

J:2022:PPF

- [JKSS22] Dharani J., Sundarakantham K., Kunwar Singh, and Mercy Shalinie S. A privacy-preserving framework for endorsement process in hyperledger fabric. *Computers & Security*, 116(??):Article 102637, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000360>.

Jung:2022:CCA

- [JLB22] Bill Jung, Yan Li, and Tamir Bechor. CAVP: a context-aware vulnerability prioritization model. *Computers & Security*, 116(??):Article 102639, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000384>.

Jin:2020:SRT

- [JLQ⁺20] Dongzi Jin, Yiqin Lu, Jiancheng Qin, Zhe Cheng, and Zhongshu Mao. SwiftIDS: Real-time intrusion detection system based on LightGBM and parallel intrusion detection mechanism. *Computers & Security*, 97(??):Article 101984, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302571>.

Jang:2020:ICE

- [JPL20] Hyerean Jang, Moon Chan Park, and Dong Hoon Lee. IBV-CFI: Efficient fine-grained control-flow integrity preserving CFG precision. *Computers & Security*, 94(?):Article 101828, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301024>.

Jha:2020:RNN

- [JPLT20] Sudan Jha, Deepak Prashar, Hoang Viet Long, and David Taniar. Recurrent neural network for detecting malware. *Computers & Security*, 99(?):Article 102037, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303102>.

Jacob:2022:ADT

- [JQYL22] Stephen Jacob, Yuansong Qiao, Yuhang Ye, and Brian Lee. Anomalous distributed traffic: Detecting cyber security attacks amongst microservices using graph convolutional networks. *Computers & Security*, 118(?):Article 102728, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001237>.

Javeed:2021:PDA

- [JYS21] Arsalan Javeed, Cemal Yilmaz, and Erkay Savas. Detector +: an approach for detecting, isolating, and preventing timing attacks. *Computers & Security*, 110(?):Article 102454, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002789>.

Jin:2022:BRW

- [JZQ⁺22] Chengbin Jin, Yongbin Zhou, Xinkuan Qiu, Qi Feng, and Qian Zhang. Breaking real-world COTS USIM cards with unknown side-channel countermeasures. *Computers & Security*, 113(?):Article 102531, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003552>.

Ki-Aries:2022:ASS

- [KAFDW22] Duncan Ki-Aries, Shamal Faily, Huseyin Dogan, and Christopher Williams. Assessing system of systems information security risk with OASoSIS. *Computers & Security*, 117(?):Article 102690, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000888>.

Khan:2021:EAT

- [KAK21] Kashif Mehboob Khan, Junaid Arshad, and Muhammad Mubashir Khan. Empirical analysis of transaction malleability within blockchain-based e-voting. *Computers & Security*, 100(?):Article 102081, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303540>.

Kanwal:2021:RPP

- [KAM⁺21] Tehsin Kanwal, Adeel Anjum, Saif U. R. Malik, Haider Sajjad, Abid Khan, Umar Manzoor, and Alia Asheralieva. A robust privacy preserving approach for electronic health records using multiple dataset with multiple sensitive attributes. *Computers & Security*, 105(?):Article 102224, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000481>.

Kucab:2021:RAI

- [KBC21] Michał Kucab, Piotr Boryło, and Piotr Cholda. Remote attestation and integrity measurements with Intel SGX for virtual machines. *Computers & Security*, 106(?):Article 102300, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001243>.

Kim:2022:OMD

- [KC22] Jin-Young Kim and Sung-Bae Cho. Obfuscated malware detection using deep generative model based on global/local features. *Computers & Security*, 112(?):Article 102501, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003254>.

Karbab:2020:SRUa

- [KDDM20a] ElMouatez Billah Karbab, Mourad Debbabi, Abdelouahid Derhab, and Djedjiga Mouheb. Scalable and robust unsupervised Android malware fingerprinting using community-based network partitioning. *Computers & Security*, 96(?): Article 101932, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030208X>. ■

Karbab:2020:SRUb

- [KDDM20b] ElMouatez Billah Karbab, Mourad Debbabi, Abdelouahid Derhab, and Djedjiga Mouheb. Scalable and robust unsupervised Android malware fingerprinting using community-based network partitioning. *Computers & Security*, 97(?): Article 101965, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301437>. ■

Kenyon:2020:PID

- [KDE20] A. Kenyon, L. Deka, and D. Elizondo. Are public intrusion datasets fit for purpose characterising the state of the art in intrusion event datasets. *Computers & Security*, 99(?): Article 102022, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302959>.

Kumar:2021:DSS

- [KDI21] V. Anil Kumar, Debabrata Das, and Senior Member IEEE. Data sequence signal manipulation in multipath TCP (MPTCP): the vulnerability, attack and its detection. *Computers & Security*, 103(?): Article 102180, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000043>.

Kim:2021:SDP

- [KEK⁺21] Jong Wook Kim, Kennedy Edemacu, Jong Seon Kim, Yon Dohn Chung, and Beakcheol Jang. A survey of differential privacy-based techniques and their applicability to location-based services. *Computers & Security*, 111(?): Article 102464, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print),

1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002881>.

Kuang:2022:SRA

- [KFS⁺22] Boyu Kuang, Anmin Fu, Willy Susilo, Shui Yu, and Yansong Gao. A survey of remote attestation in Internet of Things: Attacks, countermeasures, and prospects. *Computers & Security*, 112(??):Article 102498, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003229>.

Kuang:2020:DRD

- [KFZ⁺20] Boyu Kuang, Anmin Fu, Lu Zhou, Willy Susilo, and Yuqing Zhang. DO-RA: Data-oriented runtime attestation for IoT devices. *Computers & Security*, 97(??):Article 101945, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302212>.

Kumar:2020:MCS

- [KG20] Rakesh Kumar and Rinkaj Goyal. Modeling continuous security: a conceptual model for automated DevSecOps using open-source software over cloud (ADOC). *Computers & Security*, 97(??):Article 101967, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302406>.

Khando:2021:EEI

- [KGIS21] Khando Khando, Shang Gao, Sirajul M. Islam, and Ali Salman. Enhancing employees information security awareness in private and public organisations: a systematic literature review. *Computers & Security*, 106(??):Article 102267, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000912>.

Khakpour:2021:FSS

- [Kha21] Narges Khakpour. A field-sensitive security monitor for object-oriented programs. *Computers & Security*, 108(??):Article 102349, September 2021. CODEN CPSEDU. ISSN

0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001735>. ■

Kyytsonen:2022:SAI

- [KIAV22] Maiju Kyytönen, Jonna Ikonen, Anna-Mari Aalto, and Tullikki Vehko. The self-assessed information security skills of the Finnish population: a regression analysis. *Computers & Security*, 118(??):Article 102732, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001274>.

Kaliyar:2020:LLE

- [KJCL20] Pallavi Kaliyar, Wafa Ben Jaballah, Mauro Conti, and Chhagan Lal. LiDL: Localization with early detection of sybil and wormhole attacks in IoT networks. *Computers & Security*, 94(??):Article 101849, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030122X>.

Katsikeas:2022:VPM

- [KJHL22] Sotirios Katsikeas, Pontus Johnsson, Simon Hacks, and Robert Lagerström. VehicleLang: a probabilistic modeling and simulation language for modern vehicle IT infrastructures. *Computers & Security*, 117(??):Article 102705, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001031>.

Krishnan:2020:ECR

- [KJR⁺20] R. Santhana Krishnan, E. Golden Julie, Y. Harold Robinson, Raghendra Kumar, Pham Huy Thong, and Le Hoang Son. Enhanced certificate revocation scheme with justification facility in mobile ad-hoc networks. *Computers & Security*, 97(??):Article 101962, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302388>.

Konashevych:2020:RTB

- [KK20] Oleksii Konashevych and Oleg Khovayko. Randpay: the technology for blockchain micropayments and transactions

which require recipient's consent. *Computers & Security*, 96(??):Article 101892, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301656>.

Kaur:2021:CSD

- [KKAS21] Sukhveer Kaur, Krishan Kumar, Naveen Aggarwal, and Gurdeep Singh. A comprehensive survey of DDoS defense solutions in SDN: Taxonomy, research challenges, and future directions. *Computers & Security*, 110(??):Article 102423, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002479>.

Kim:2021:CAV

- [KKJ⁺21] Kyounggon Kim, Jun Seok Kim, Seonghoon Jeong, Jo-Hee Park, and Huy Kang Kim. Cybersecurity for autonomous vehicles: Review of attacks and defense. *Computers & Security*, 103(??):Article 102150, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304235>.

Karlsson:2022:ISP

- [KKP22] Fredrik Karlsson, Ella Kolkowska, and Johan Petersson. Information security policy compliance-eliciting requirements for a computerized software to support value-based compliance analysis. *Computers & Security*, 114(??):Article 102578, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004028>.

Kalaria:2021:SMA

- [KKRP21] Rudri Kalaria, A. S. M. Kayes, Wenny Rahayu, and Eric Pardede. A secure mutual authentication approach to fog computing environment. *Computers & Security*, 111(??):Article 102483, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003072>.

Kruzikova:2022:USU

- [KKS⁺22] Agata Kruzikova, Lenka Knapova, David Smahel, Lenka Dedkova, and Vashek Matyas. Usable and secure? User perception of four authentication methods for mobile banking. *Computers & Security*, 115(??):Article 102603, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000025>.

Kwon:2022:ETA

- [KL22] Hyun Kwon and Sanghyun Lee. Ensemble transfer attack targeting text classification systems. *Computers & Security*, 117(??):Article 102695, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000931>.

Koutsokostas:2022:IAA

- [KLA⁺22] Vasilios Koutsokostas, Nikolaos Lykousas, Theodoros Apostolopoulos, Gabriele Orazi, Amrita Ghosal, Fran Casino, Mauro Conti, and Constantinos Patsakis. Invoice #31415 attached: Automated analysis of malicious Microsoft Office documents. *Computers & Security*, 114(??):Article 102582, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004053>.

Kang:2021:WDD

- [KLNW21] Yilin Kang, Yong Liu, Ben Niu, and Weiping Wang. Weighted distributed differential privacy ERM: Convex and non-convex. *Computers & Security*, 106(??):Article 102275, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000997>.

Khalid:2022:VAQ

- [KM22] Fatima Khalid and Ammar Masood. Vulnerability analysis of Qualcomm Secure Execution Environment (QSEE). *Computers & Security*, 116(??):Article 102628, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482200027X>.

Katsantonis:2021:DEC

- [KMG21] Menelaos N. Katsantonis, Ioannis Mavridis, and Dimitris Gritzalis. Design and evaluation of COFELET-based approaches for cyber security learning and training. *Computers & Security*, 105(?):Article 102263, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000870>.

Koucham:2022:CDA

- [KMH⁺22] Oualid Koucham, Stéphane Mocanu, Guillaume Hiet, Jean-Marc Thiriet, and Frédéric Majorczyk. Cross-domain alert correlation methodology for industrial control systems. *Computers & Security*, 118(?):Article 102723, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001183>.

Kam:2020:CCL

- [KMOC20] Hwee-Joo Kam, Philip Menard, Dustin Ormond, and Robert E. Crossler. Cultivating cybersecurity learning: an integration of self-determination and flow. *Computers & Security*, 96(?):Article 101875, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301486>.

Knox:2020:WRH

- [KMP⁺20] Shawn Knox, Steven Moghadam, Kenny Patrick, Anh Phan, and Kim-Kwang Raymond Choo. What's really 'Happning'? A forensic analysis of Android and iOS *Happn* dating apps. *Computers & Security*, 94(?):Article 101833, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301073>.

Knight:2020:FEC

- [KN20] Richard Knight and Jason R. C. Nurse. A framework for effective corporate communication after cyber security incidents. *Computers & Security*, 99(?):Article 102036, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303096>.

Kushwah:2021:OEL

- [KR21] Gopal Singh Kushwah and Virender Ranga. Optimized extreme learning machine for detecting DDoS attacks in cloud computing. *Computers & Security*, 105(??):Article 102260, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000845>.

Kasongo:2020:DLM

- [KS20] Sydney Mambwe Kasongo and Yanxia Sun. A deep learning method with wrapper based feature extraction for wireless intrusion detection system. *Computers & Security*, 92(??):Article 101752, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300365>.

Karjalainen:2020:TST

- [KSS20] Mari Karjalainen, Mikko Siponen, and Suprateek Sarker. Toward a stage theory of the development of employees' information security behavior. *Computers & Security*, 93(??):Article 101782, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300675>. ■

Kumar:2022:MLB

- [KSSL22] Ayush Kumar, Mrinalini Shridhar, Sahithya Swaminathan, and Teng Joon Lim. Machine learning-based early detection of IoT botnets using network-edge traffic. *Computers & Security*, 117(??):Article 102693, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000918>.

Korba:2020:ABF

- [KTGDE20] Abdelaziz Amara Korba, Nouredine Tamani, Yacine Ghamri-Doudane, and Nour El Islem Karabadji. Anomaly-based framework for detecting power overloading cyberattacks in smart grid AML. *Computers & Security*, 96(??):Article 101896, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301693>. ■

Kuo:2020:MAD

- [KTH20] Kuang-Ming Kuo, Paul C. Talley, and Chi-Hsien Huang. A meta-analysis of the deterrence theory in security-compliant and security-risk behaviors. *Computers & Security*, 96(??):Article 101928, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302042>.

Kong:2022:FFC

- [KZYZ22] Ke Kong, Zhichao Zhang, Zi-Yuan Yang, and Zhaoxin Zhang. FCSCNN: Feature centralized Siamese CNN-based Android malware identification. *Computers & Security*, 112(??):Article 102514, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003382>.

Lin:2020:DPP

- [LBL⁺20] Ying Lin, Ling-Yan Bao, Ze-Minghui Li, Shu-Zheng Si, and Chao-Hsien Chu. Differential privacy protection over deep learning: an investigation of its impacted factors. *Computers & Security*, 99(??):Article 102061, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303345>.

Li:2021:PTP

- [LC21] Jiachun Li and Guoqian Chen. A personalized trajectory privacy protection method. *Computers & Security*, 108(??):Article 102323, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001474>.

Liu:2021:SMS

- [LCC⁺21] Xueqian Liu, Shoufeng Cao, Zhenzhong Cao, Qu Gao, Lin Wan, and Fengyu Wang. SELF: a method of searching for library functions in stripped binary code. *Computers & Security*, 111(??):Article 102473, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002972>.

Liang:2020:PPM

- [LCL⁺20] Wenjuan Liang, Hong Chen, Ruixuan Liu, Yuncheng Wu, and Cuiping Li. A Pufferfish privacy mechanism for monitoring web browsing behavior under temporal correlations. *Computers & Security*, 92(??):Article 101754, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300389>.

Lovyagin:2020:FFG

- [LCSD20] Nikita Yu. Lovyagin, George A. Chernishev, Kirill K. Smirnov, and Roman Yu. Dayneko. FGACFS: a fine-grained access control for *nix userspace file system. *Computers & Security*, 88(??):Article 101632, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819301798>.

Li:2021:TDI

- [LCY⁺21] Zhenyuan Li, Qi Alfred Chen, Runqing Yang, Yan Chen, and Wei Ruan. Threat detection and investigation with system-level provenance graphs: a survey. *Computers & Security*, 106(??):Article 102282, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001061>.

Li:2020:BAE

- [LCZW20] XuKui Li, Wei Chen, Qianru Zhang, and Lifa Wu. Building Auto-Encoder Intrusion Detection System based on random forest feature selection. *Computers & Security*, 95(??):Article 101851, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301231>.

Liras:2021:FAD

- [LdSP21] Luis Francisco Martín Liras, Adolfo Rodríguez de Soto, and Miguel A. Prada. Feature analysis for data-driven APT-related malware discrimination. *Computers & Security*, 104(??):Article 102202, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000262>.

Leszczyna:2021:RCA

- [Les21] Rafał Leszczyna. Review of cybersecurity assessment methods: Applicability perspective. *Computers & Security*, 108(?):Article 102376, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002005>.

Li:2021:PMI

- [LFCD21] Miles Q. Li, Benjamin C. M. Fung, Philippe Charland, and Steven H. H. Ding. I-MAD: Interpretable malware detector using Galaxy Transformer. *Computers & Security*, 108(?):Article 102371, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001954>.

Liu:2022:PGE

- [LFHH22] Zhonglin Liu, Yong Fang, Cheng Huang, and Jiaxuan Han. GraphXSS: an efficient XSS payload detection approach based on graph convolutional network. *Computers & Security*, 114(?):Article 102597, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100420X>.

Liu:2022:EMA

- [LFW⁺22] Songsong Liu, Pengbin Feng, Shu Wang, Kun Sun, and Jiahao Cao. Enhancing malware analysis sandboxes with emulated user behavior. *Computers & Security*, 115(?):Article 102613, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000128>.

Liu:2021:FNI

- [LGH21] Jingmei Liu, Yuanbo Gao, and Fengjie Hu. A fast network intrusion detection system using adaptive synthetic oversampling and LightGBM. *Computers & Security*, 106(?):Article 102289, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001139>. ■

Liu:2021:EMP

- [LGJW21] Dong-Jie Liu, Guang-Gang Geng, Xiao-Bo Jin, and Wei Wang. An efficient multistage phishing website detection model based on the CASE feature framework: Aiming at the real web environment. *Computers & Security*, 110(??):Article 102421, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002455>.

Li:2021:DPH

- [LGL21] Shuyu Li, Yue Geng, and Yingle Li. A differentially private hybrid decomposition algorithm based on quad-tree. *Computers & Security*, 109(??):Article 102384, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100208X>.

Levi:2022:BEC

- [LHAE22] Matan Levi, Itay Hazan, Noga Agmon, and Sagi Eden. Behavioral embedding for continuous user verification in global settings. *Computers & Security*, 119(??):Article 102716, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001122>.

LaFleur:2021:TPS

- [LHGB21] Claire La Fleur, Blaine Hoffman, C. Benjamin Gibson, and Norbou Buchler. Team performance in a series of regional and national US cybersecurity defense competitions: Generalizable effects of training and functional role specialization. *Computers & Security*, 104(??):Article 102229, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000535>.

Liu:2020:SES

- [LHH⁺20] Jianghua Liu, Jingyu Hou, Xinyi Huang, Yang Xiang, and Tianqing Zhu. Secure and efficient sharing of authenticated energy usage data with privacy preservation. *Computers & Security*, 92(??):Article 101756, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (elec-

tronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300407>.

Liu:2021:RMS

- [LHS21] Zhen Liu, Changzhen Hu, and Chun Shan. Riemannian manifold on stream data: Fourier transform and entropy-based DDoS attacks detection method. *Computers & Security*, 109(??):Article 102392, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002169>.

Lu:2020:STI

- [LHW⁺20] Di Lu, Ruidong Han, Yue Wang, Yongzhi Wang, Xuwen Dong, Xindi Ma, Teng Li, and Jianfeng Ma. A secured TPM integration scheme towards smart embedded system based collaboration network. *Computers & Security*, 97(??):Article 101922, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301991>.

Long:2022:HME

- [LJ22] Zhang Long and Wang Jinsong. A hybrid method of entropy and SSAE-SVM based DDoS detection and mitigation mechanism in SDN. *Computers & Security*, 115(??):Article 102604, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000037>.

Lu:2020:BCS

- [LJO⁺20] Qian Lu, Ruobing Jiang, Yuzhan Ouyang, Haipeng Qu, and Jiahui Zhang. BiRe: a client-side bi-directional SYN reflection mechanism against multi-model evil twin attacks. *Computers & Security*, 88(??):Article 101618, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301658>.

Lee:2020:LGC

- [LK20] Claire Seungeun Lee and Ji Hye Kim. Latent groups of cybersecurity preparedness in Europe: Sociodemographic

factors and country-level contexts. *Computers & Security*, 97(?):Article 101995, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302686>.

Lee:2021:DNN

- [LKA⁺21] Hongkyu Lee, Jeehyeong Kim, Seyoung Ahn, Rasheed Hussain, Sunghyun Cho, and Junggab Son. Digestive neural networks: a novel defense strategy against inference attacks in federated learning. *Computers & Security*, 109(?):Article 102378, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002029>.

Lee:2020:CSA

- [LKW⁺20] Seungsoo Lee, Jinwoo Kim, Seungwon Woo, Changhoon Yoon, Sandra Scott-Hayward, Vinod Yegneswaran, Phillip Porras, and Seungwon Shin. A comprehensive security assessment framework for software-defined networks. *Computers & Security*, 91(?):Article 101720, April 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300079>.

Li:2021:IBM

- [LL21a] Xintong Li and Qi Li. An IRL-based malware adversarial generation method to evade anti-malware engines. *Computers & Security*, 104(?):Article 102118, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303916>.

Lin:2021:PBS

- [LL21b] Hui-Tang Lin and Yuan-Yi Liang. A PUF-based secure wake-up scheme for Internet of Things. *Computers & Security*, 110(?):Article 102415, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100239X>.

Lee:2022:ISD

- [LL22a] Junwon Lee and Heejo Lee. Improving SSH detection model using IPA time and WGAN-GP. *Computers & Security*, 116(?):Article 102672, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000712>.

Li:2022:PPA

- [LL22b] Zhen Li and Qi Liao. Preventive portfolio against data-selling ransomware — a game theory of encryption and deception. *Computers & Security*, 116(?):Article 102644, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000438>.

Liu:2020:USA

- [LLG20] Hui Liu, Juanru Li, and Dawu Gu. Understanding the security of app-in-the-middle IoT. *Computers & Security*, 97(?):Article 102000, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030273X>.

Lyvas:2021:AAH

- [LLG21] Christos Lyvas, Costas Lambrinouidakis, and Dimitris Geneiatakis. On Android’s activity hijacking prevention. *Computers & Security*, 111(?):Article 102468, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002923>.

Li:2021:SES

- [LLJ21] Li Li, Jiayong Liu, and Peng Jia. SecTEP: Enabling secure tender evaluation with sealed prices and quality evaluation in procurement bidding systems over blockchain. *Computers & Security*, 103(?):Article 102188, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000122>.

Li:2020:DCS

- [LLL⁺20a] Fenghua Li, Yongjun Li, Siyuan Leng, Yunchuan Guo, Kui Geng, Zhen Wang, and Liang Fang. Dynamic countermeasures selection for multi-path attacks. *Computers & Security*, 97(?):Article 101927, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302030>.

Li:2020:APR

- [LLL⁺20b] Tun Li, Yutian Liu, Yanbing Liu, Yunpeng Xiao, and Nang An Nguyen. Attack plan recognition using hidden Markov and probabilistic inference. *Computers & Security*, 97(?):Article 101974, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302479>.

Lan:2022:DNS

- [LLL⁺22a] Jinghong Lan, Xudong Liu, Bo Li, Yanan Li, and Tongtong Geng. DarknetSec: a novel self-attentive deep learning method for darknet traffic classification and application identification. *Computers & Security*, 116(?):Article 102663, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000621>.

Li:2022:NDF

- [LLL⁺22b] Ce Li, Qiuqian Lv, Ning Li, Yan Wang, Degang Sun, and Yuanyuan Qiao. A novel deep framework for dynamic malware detection based on API sequence intrinsic features. *Computers & Security*, 116(?):Article 102686, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000840>.

Lin:2022:PPC

- [LLL⁺22c] Xinjie Lin, Han Liu, Zhen Li, Gang Xiong, and Gaopeng Gou. Privacy protection of China's top websites: a multi-layer privacy measurement via network behaviours and privacy policies. *Computers & Security*, 114(?):Article 102606, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print),

1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000050>.

Liu:2020:NMM

- [LLLZ20] Xinbo Liu, Yaping Lin, He Li, and Jiliang Zhang. A novel method for malware detection on ML-based visualization technique. *Computers & Security*, 89(??):Article 101682, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818314627>.

Li:2021:ESC

- [LLLZ21] Ding Li, Wei Lin, Bin Lu, and Yuefei Zhu. Exploiting side-channel leaks in web traffic of incremental search. *Computers & Security*, 111(??):Article 102481, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003059>.

Li:2020:PPS

- [LLX⁺20] Dong Li, Xiaofeng Liao, Tao Xiang, Jiahui Wu, and Junqing Le. Privacy-preserving self-serviced medical diagnosis scheme based on secure multi-party computation. *Computers & Security*, 90(??):Article 101701, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740481930238X>.

Li:2021:NWS

- [LLYL21] Chenxi Li, Jia Li, Jiahai Yang, and Jinlei Lin. A novel workload scheduling framework for intrusion detection system in NFV scenario. *Computers & Security*, 106(??):Article 102271, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100095X>.

Lu:2022:PEP

- [LLZJ22] Qian Lu, Shihao Li, Jiahui Zhang, and Ruobing Jiang. PEDR: Exploiting phase error drift range to detect full-model rogue access point attacks. *Computers & Security*, 114(??):Article 102581, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S0167404821004041>.

Liu:2020:FSP

- [LLZY20] Yizhong Liu, Jianwei Liu, Zongyang Zhang, and Hui Yu. A fair selection protocol for committee-based permissionless blockchains. *Computers & Security*, 91(??):Article 101718, April 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300055>.

Lin:2022:SDS

- [LMZZ22] Yu Lin, Yunlong Mao, Yuan Zhang, and Sheng Zhong. Secure deduplication schemes for content delivery in mobile edge computing. *Computers & Security*, 114(??):Article 102602, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000013>.

Lu:2020:IVS

- [LPX20] Xiuqing Lu, Zhenkuan Pan, and Hequn Xian. An integrity verification scheme of cloud storage for Internet-of-Things mobile terminal devices. *Computers & Security*, 92(??):Article 101686, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740481930224X>.

Lian:2020:PPS

- [LQY⁺20] Huijuan Lian, Weidong Qiu, Di Yan, Jie Guo, Zhe Li, and Peng Tang. Privacy-preserving spatial query protocol based on the Moore curve for location-based service. *Computers & Security*, 96(??):Article 101845, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301188>.

Liu:2021:LRD

- [LRH⁺21] Xinqian Liu, Jiadong Ren, Haitao He, Qian Wang, and Chen Song. Low-rate DDoS attacks detection method using data compression and behavior divergence measurement. *Computers & Security*, 100(??):Article 102107, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (elec-

tronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303801>.

Liang:2020:OBA

- [LS20] Yuting Liang and Reza Samavi. Optimization-based k -anonymity algorithms. *Computers & Security*, 93(?):Article 101753, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300377>. ■

Liu:2021:SAB

- [LS21] Tian Liu and Tao Shu. On the security of ANN-based AC state estimation in smart grid. *Computers & Security*, 105(?):Article 102265, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000894>.

Ling:2021:SFN

- [LSAH21] Yeong Tyng Ling, Nor Fazlida Mohd Sani, Mohd. Taufik Abdullah, and Nor Asilah Wati Abdul Hamid. Structural features with nonnegative matrix factorization for metamorphic malware detection. *Computers & Security*, 104(?):Article 102216, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000407>. ■

Lee:2022:PRR

- [LsJC+22] Seungkwang Lee, Nam su Jho, Doyoung Chung, Yousung Kang, and Myungchul Kim. Rcryptect: Real-time detection of cryptographic function in the user-space filesystem. *Computers & Security*, 112(?):Article 102512, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003369>.

Larriba:2020:TAE

- [LSL20] Antonio M. Larriba, José M. Sempere, and Damián López. A two authorities electronic vote scheme. *Computers & Security*, 97(?):Article 101940, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302169>.

Lallie:2021:CSA

- [LSN⁺21] Harjinder Singh Lallie, Lynsay A. Shepherd, Jason R. C. Nurse, Arnau Erola, Gregory Epiphaniou, Carsten Maple, and Xavier Bellekens. Cyber security in the age of COVID-19: a timeline and analysis of cyber-crime and cyber-attacks during the pandemic. *Computers & Security*, 105(??):Article 102248, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000729>.

Landauer:2020:SLC

- [LSWR20] Max Landauer, Florian Skopik, Markus Wurzenberger, and Andreas Rauber. System log clustering approaches for cyber security applications: a survey. *Computers & Security*, 92(??):Article 101739, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300250>.

Lu:2022:DSC

- [LSXJ22] Jintian Lu, Jiakun Sun, Ruizhi Xiao, and Shuyuan Jin. DIFCS: a secure cloud data sharing approach based on decentralized information flow control. *Computers & Security*, 117(??):Article 102678, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000761>.

Lai:2022:IMN

- [LTL⁺22] Yingxu Lai, Liyao Tong, Jing Liu, Yipeng Wang, Tong Tang, Zijian Zhao, and Hua Qin. Identifying malicious nodes in wireless sensor networks based on correlation detection. *Computers & Security*, 113(??):Article 102540, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003643>.

Lee:2021:TCS

- [LTU⁺21] Ming Jie Lee, Andrew Beng Jin Teoh, Andreas Uhl, Shiuan-Ni Liang, and Zhe Jin. A tokenless cancellable scheme for multimodal biometric systems. *Computers & Security*, 108(??):Article 102350, September 2021. CODEN

CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001747>.

Liu:2021:SGN

- [LWL21] Ao Liu, Yunpeng Wang, and Tao Li. SFE-GACN: a novel unknown attack detection under insufficient data via intra categories generation in embedding space. *Computers & Security*, 105(??):Article 102262, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000869>.

Luo:2021:ABA

- [LWLT21] Peng Luo, Buhong Wang, Tengyao Li, and Jiwei Tian. ADS-B anomaly data detection model based on VAE-SVDD. *Computers & Security*, 104(??):Article 102213, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000377>.

Li:2020:DTA

- [LWS+20] Tengyao Li, Buhong Wang, Fute Shang, Jiwei Tian, and Kunrui Cao. Dynamic temporal ADS-B data attack detection based on sHDP-HMM. *Computers & Security*, 93(??):Article 101789, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300742>.

Lin:2021:RSC

- [LWW+21] Hui Lin, Yan Wo, Yuanlu Wu, Ke Meng, and Guoqiang Han. Robust source camera identification against adversarial attacks. *Computers & Security*, 100(??):Article 102079, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303527>.

Li:2022:DDA

- [LWX+22] Bin Li, Yijie Wang, Kele Xu, Li Cheng, and Zhiqian Qin. DFAID: Density-aware and feature-deviated active intrusion detection over network traffic streams. *Computers & Security*, 118(??):Article 102719, July 2022. CO-

DEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001109>.

Liu:2022:TAD

- [LWZ22] Tao Liu, He Wang, and Yuqing Zhang. A traffic anomaly detection scheme for non-directional denial of service attacks in software-defined optical network. *Computers & Security*, 112(??):Article 102467, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002911>.

Lin:2021:MDB

- [LX21] Jing Lin and Kaiqi Xiong. Mahalanobis distance-based robust approaches against false data injection attacks on dynamic power state estimation. *Computers & Security*, 108(??):Article 102326, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001504>.

Liang:2020:FIV

- [LXC⁺20] Hongliang Liang, Zhuosi Xie, Yixiu Chen, Hua Ning, and Jianli Wang. FIT: Inspect vulnerabilities in cross-architecture firmware by deep learning and bipartite matching. *Computers & Security*, 99(??):Article 102032, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303059>.

Liu:2022:PAN

- [LXZ⁺22] Yaqun Liu, Changyou Xing, Guomin Zhang, Lihua Song, and Hongxiu Lin. AntiTomo: Network topology obfuscation against adversarial tomography-based topology inference. *Computers & Security*, 113(??):Article 102570, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003941>.

Liang:2020:GTS

- [LYD20] Xueqin Liang, Zheng Yan, and Robert H. Deng. Game theoretical study on client-controlled cloud data deduplica-

tion. *Computers & Security*, 91(??):Article 101730, April 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300171>.

Li:2021:LPP

- [LYW⁺21] Kunchang Li, Yifan Yang, Shuhao Wang, Runhua Shi, and Jianbin Li. A lightweight privacy-preserving and sharing scheme with dual-blockchain for intelligent pricing system of smart grid. *Computers & Security*, 103(??):Article 102189, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000134>.

Lv:2020:ASB

- [LZ20] Denglong Lv and Shibing Zhu. Achieving secure big data collection based on trust evaluation and true data discovery. *Computers & Security*, 96(??):Article 101937, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302133>.

Li:2022:CRM

- [LZCS22] Bin Li, Qinglei Zhou, Yan Cao, and Xueming Si. Cognitively reconfigurable mimic-based heterogeneous password recovery system. *Computers & Security*, 116(??):Article 102667, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000669>.

Luo:2020:SDR

- [LZD⁺20] Peng Luo, Deqing Zou, Yajuan Du, Hai Jin, Changming Liu, and Jinan Shen. Static detection of real-world buffer overflow induced by loop. *Computers & Security*, 89(??):Article 101616, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819301634>.

Liu:2021:NDD

- [LZDZ21] Xiaohu Liu, Hengwei Zhang, Shuqin Dong, and Yuchen Zhang. Network defense decision-making based on a stochastic game system and a deep recurrent Q-network. *Comput-*

ers & Security, 111(??):Article 102480, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003047>.

Liu:2022:PPC

- [LZG⁺22] Haiyang Liu, Hanlin Zhang, Li Guo, Jia Yu, and Jie Lin. Privacy-preserving cloud-aided broad learning system. *Computers & Security*, 112(??):Article 102503, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003278>.

Lu:2020:CAF

- [LZHL20] Xiaofeng Lu, Shengfei Zhang, Pan Hui, and Pietro Lio. Continuous authentication by free-text keystroke based on CNN and RNN. *Computers & Security*, 96(??):Article 101861, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301334>.

Li:2022:EYC

- [LZL⁺22] Helin Li, Hui Zhu, Xiaodong Lin, Rongxing Lu, Zhipeng Yu, and Wei Lan. Everything you control is not everything: Achieving intention-concealed visit on social networks. *Computers & Security*, 119(??):Article 102778, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001730>.

Lu:2020:SSD

- [LZS⁺20] Ning Lu, Yongxin Zhang, Wenbo Shi, Saru Kumari, and Kim-Kwang Raymond Choo. A secure and scalable data integrity auditing scheme based on hyperledger fabric. *Computers & Security*, 92(??):Article 101741, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300274>.

Liu:2021:QCP

- [LZZ⁺21] Xiaoxue Liu, Jiexin Zhang, Peidong Zhu, Qingping Tan, and Wei Yin. Quantitative cyber-physical security analysis methodology for industrial control systems based on

incomplete information Bayesian game. *Computers & Security*, 102(??):Article 102138, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304119>.

Liu:2021:PNL

- [LZZX21] Yaqun Liu, Jinlong Zhao, Guomin Zhang, and Changyong Xing. NetObfu: a lightweight and efficient network topology obfuscation defense scheme. *Computers & Security*, 110(??):Article 102447, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002716>.

Mohammad:2020:IRI

- [MAAA20] Rami Mustafa A. Mohammad, Mutasem K. Alsmadi, Ibrahim Almarashdeh, and Malek Alzaqebah. An improved rule induction based denial of service attacks classification model. *Computers & Security*, 99(??):Article 102008, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302819>.

Mhaskar:2021:FAN

- [MAK21] Neerja Mhaskar, Mohammed Alabbad, and Ridha Khedri. A formal approach to network segmentation. *Computers & Security*, 103(??):Article 102162, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304351>.

Mamdouh:2021:AIM

- [MAKH21] Moustafa Mamdouh, Ali Ismail Awad, Ashraf A. M. Khalaf, and Hesham F. A. Hamed. Authentication and identity management of IoHT devices: Achievements, challenges, and future directions. *Computers & Security*, 111(??):Article 102491, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003151>.

Mages:2022:TIT

- [MAR22] Tobias Mages, Magnus Almgren, and Christian Rohner. Towards an information-theoretic framework of intrusion detection for composed systems and robustness analyses. *Computers & Security*, 116(??):Article 102633, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000323>.

Mavroeidis:2020:NLC

- [MB20a] Vasileios Mavroeidis and Joe Brule. A nonproprietary language for the command and control of cyber defenses — OpenC2. *Computers & Security*, 97(??):Article 101999, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302728>.

Menard:2020:AIU

- [MB20b] Philip Menard and Gregory J. Bott. Analyzing IOT users' mobile device privacy concerns: Extracting privacy permissions using a disclosure experiment. *Computers & Security*, 95(??):Article 101856, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301280>.

Martin:2021:ADU

- [MBFIdD21] Alejandro G. Martín, Marta Beltrán, Alberto Fernández-Isabel, and Isaac Martín de Diego. An approach to detect user behaviour anomalies within identity federations. *Computers & Security*, 108(??):Article 102356, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001802>.

Menet:2020:SNS

- [MBGF20] François Menet, Paul Berthier, Michel Gagnon, and José M. Fernandez. Spartan Networks: Self-feature-squeezing neural networks for increased robustness in adversarial settings. *Computers & Security*, 88(??):Article 101537, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819300069>.

Moia:2020:IEC

- [MBH20] Vitor Hugo Galhardo Moia, Frank Breitingger, and Marco Aurélio Amaral Henriques. The impact of excluding common blocks for approximate matching. *Computers & Security*, 89(?):Article 101676, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302159>.

Mirtsch:2021:ISM

- [MBKD21] Mona Mirtsch, Knut Blind, Claudia Koch, and Gabriele Dudek. Information security management in ICT and non-ICT sector companies: a preventive innovation perspective. *Computers & Security*, 109(?):Article 102383, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002078>.

Malhi:2020:SVA

- [MBP20] Avleen Kaur Malhi, Shalini Batra, and Husanbir Singh Pannu. Security of vehicular ad-hoc networks: a comprehensive survey. *Computers & Security*, 89(?):Article 101664, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818312872>.

McGahagan:2021:DFD

- [MBPCC21] John McGahagan, Darshan Bhansali, Ciro Pinto-Coelho, and Michel Cukier. Discovering features for detecting malicious websites: an empirical study. *Computers & Security*, 109(?):Article 102374, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100198X>.

Meland:2020:RSE

- [MBS20] Per Håkon Meland, Yara Fareed Fahmy Bayoumy, and Guttorm Sindre. The ransomware-as-a-service economy within the darknet. *Computers & Security*, 92(?):Article 101762, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300468>.

Matthew:2020:AAO

- [MC20] Peter Matthew and Susan Canning. An algorithmic approach for optimising biometric systems using liveness and coercion detection. *Computers & Security*, 94(??):Article 101831, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030105X>.

Ma:2022:NPA

- [MCS22] Qian Ma, Baojiang Cui, and Cong Sun. A novel privacy-aware model for nonparametric decentralized detection. *Computers & Security*, 117(??):Article 102688, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000864>.

McLeod:2022:ISP

- [MD22] Alexander McLeod and Diane Dolezel. Information security policy non-compliance: Can capitulation theory explain user behaviors? *Computers & Security*, 112(??):Article 102526, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003503>.

Maiorca:2020:ADF

- [MDB⁺20] Davide Maiorca, Ambra Demontis, Battista Biggio, Fabio Roli, and Giorgio Giacinto. Adversarial detection of flash malware: Limitations and open issues. *Computers & Security*, 96(??):Article 101901, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301760>.

Meyer:2020:AAP

- [MDR20] Joachim Meyer, Omer Dembinsky, and Tal Raviv. Alerting about possible risks vs. blocking risky choices: a quantitative model and its empirical evaluation. *Computers & Security*, 97(??):Article 101944, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302200>.

Mahdavi:2020:RTA

- [MFA20] Ehsan Mahdavi, Ali Fanian, and Fatima Amini. A real-time alert correlation method based on code-books for intrusion detection systems. *Computers & Security*, 89(?):Article 101661, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302032>.

Maoneke:2020:ESM

- [MFI20] Pardon Blessings Maoneke, Stephen Flowerday, and Naomi Isabirye. Evaluating the strength of a multilingual passphrase policy. *Computers & Security*, 92(?):Article 101746, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300304>.

Mulahuwaish:2020:ECM

- [MGG⁺20] Aos Mulahuwaish, Kevin Gyorick, Kayhan Zrar Ghafoor, Halgurd S. Maghdid, and Danda B. Rawat. Efficient classification model of web news documents using machine learning algorithms for accurate information. *Computers & Security*, 98(?):Article 102006, November 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302790>.

Maesschalck:2022:DGS

- [MGGR22] Sam Maesschalck, Vasileios Giotsas, Benjamin Green, and Nicholas Race. Don't get stung, cover your ICS in honey: How do honeypots fit within industrial control system security. *Computers & Security*, 114(?):Article 102598, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004211>.

Meng:2020:SDH

- [MGL⁺20] Shunmei Meng, Zijian Gao, Qianmu Li, Hao Wang, Hong-Ning Dai, and Lianyong Qi. Security-driven hybrid collaborative recommendation method for cloud-based IoT services. *Computers & Security*, 97(?):Article 101950, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302261>.

Masuch:2022:AJE

- [MGTK22] Kristin Masuch, Maike Greve, Simon Trang, and Lutz M. Kolbe. Apologize or justify? Examining the impact of data breach response actions on stock value of affected companies? *Computers & Security*, 112(??):Article 102502, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003266>.

Mi:2020:EPA

- [MGZ⁺20] Tianyue Mi, Mengke Gou, Guangyu Zhou, Yiqun Gan, and Ralf Schwarzer. Effects of planning and action control on smartphone security behavior. *Computers & Security*, 97(??):Article 101954, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302303>.

Meng:2021:SPM

- [MHSK21] Yunfei Meng, Zhiqiu Huang, Guohua Shen, and Changbo Ke. A security policy model transformation and verification approach for software defined networking. *Computers & Security*, 100(??):Article 102089, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030362X>.

Mitchell:2020:IQC

- [Mit20] Chris J. Mitchell. The impact of quantum computing on real-world security: a 5G case study. *Computers & Security*, 93(??):Article 101825, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300997>.

McIntosh:2021:DUC

- [MKC⁺21] Timothy McIntosh, A. S. M. Kayes, Yi-Ping Phoebe Chen, Alex Ng, and Paul Watters. Dynamic user-centric access control for detection of ransomware attacks. *Computers & Security*, 111(??):Article 102461, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002856>.

Meng:2021:UBC

- [MKL21] Zhangyu Meng, Jun Kong, and Juan Li. Utilizing binary code to improve usability of pressure-based authentication. *Computers & Security*, 103(?):Article 102187, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000110>.

Ma:2020:TMM

- [MLM20] Zuchao Ma, Liang Liu, and Weizhi Meng. Towards multiple-mix-attack detection via consensus-based trust management in IoT networks. *Computers & Security*, 96(?):Article 101898, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030170X>.

Menges:2021:TGC

- [MLV⁺21] Florian Menges, Tobias Latzo, Manfred Vielberth, Sabine Sobola, Henrich C. Pöhls, Benjamin Taubmann, Johannes Köstler, Alexander Puchta, Felix Freiling, Hans P. Reiser, and Günther Pernul. Towards GDPR-compliant data processing in modern SIEM systems. *Computers & Security*, 103(?):Article 102165, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304387>.

Maeda:2021:APE

- [MM21] Ryusei Maeda and Mamoru Mimura. Automating post-exploitation with deep reinforcement learning. *Computers & Security*, 100(?):Article 102108, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303813>.

Malatji:2020:VST

- [MMvS20] Masike Malatji, Annlizé Marnewick, and Suné von Solms. Validation of a socio-technical management process for optimising cybersecurity practices. *Computers & Security*, 95(?):Article 101846, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030119X>.

Martin-Perez:2021:PPM

- [MPRB21] Miguel Martín-Pérez, Ricardo J. Rodríguez, and Davide Balzarotti. Pre-processing memory dumps to improve similarity score of Windows modules. *Computers & Security*, 101(?):Article 102119, February 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303928>.

Marques:2021:WUD

- [MRG21] Pedro Marques, Matilda Rhode, and Ilir Gashi. Waste not: Using diverse neural networks from hyperparameter search for improved malware detection. *Computers & Security*, 108(?):Article 102339, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001632>.

Merlo:2021:YSR

- [MRSV21] Alessio Merlo, Antonio Ruggia, Luigi Sciolla, and Luca Verderame. You shall not repack! demystifying anti-repackaging on Android. *Computers & Security*, 103(?):Article 102181, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000055>.

Ma:2021:NMA

- [MSCJ21] Qian Ma, Cong Sun, Baojiang Cui, and Xiaohui Jin. A novel model for anomaly detection in network traffic based on kernel support vector machine. *Computers & Security*, 104(?):Article 102215, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000390>.

Manimaran:2022:SNF

- [MSG22] S. Manimaran, V. N. Sastry, and N. P. Gopalan. SBT-DDL: a novel framework for sensor-based threats detection on Android smartphones using deep learning. *Computers & Security*, 118(?):Article 102729, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001249>.

Modesti:2021:FMS

- [MSMH21] Paolo Modesti, Siamak F. Shahandashti, Patrick McCorry, and Feng Hao. Formal modelling and security analysis of Bitcoin's payment protocol. *Computers & Security*, 107(?):Article 102279, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001036>.

Meidan:2020:NAD

- [MSP⁺20] Yair Meidan, Vinay Sachidananda, Hongyi Peng, Racheli Sagron, Yuval Elovici, and Asaf Shabtai. A novel approach for detecting vulnerable IoT devices connected behind a home NAT. *Computers & Security*, 97(?):Article 101968, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302418>.

Miao:2020:ASE

- [MSZ20] Kelei Miao, Xiufang Shi, and Wen-An Zhang. Attack signal estimation for intrusion detection in industrial control system. *Computers & Security*, 96(?):Article 101926, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302029>.

Madani:2021:ORI

- [MT21a] Mahdi Madani and Camel Tanougast. Optimized and robust implementation of mobile networks confidentiality and integrity functions. *Computers & Security*, 100(?):Article 102093, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303667>. ■

Mohammed:2021:EPP

- [MT21b] Zareef A. Mohammed and Gurvirender P. Tejay. Examining the privacy paradox through individuals' neural disposition in e-commerce: an exploratory neuroimaging study. *Computers & Security*, 104(?):Article 102201, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000250>.

Mohanty:2021:HNH

- [MT21c] Susil Kumar Mohanty and Somanath Tripathy. *n*-HTLC: Neo hashed time-lock commitment to defend against worm-hole attack in payment channel networks. *Computers & Security*, 106(?):Article 102291, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001152>.

Mileva:2021:CAM

- [MVH⁺21] Aleksandra Mileva, Aleksandar Velinov, Laura Hartmann, Steffen Wendzel, and Wojciech Mazurczyk. Comprehensive analysis of MQTT 5.0 susceptibility to network covert channels. *Computers & Security*, 104(?):Article 102207, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000316>.

Mansoori:2020:HDT

- [MW20] Masood Mansoori and Ian Welch. How do they find us? A study of geolocation tracking techniques of malicious web sites. *Computers & Security*, 97(?):Article 101948, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302248>.

Mikhail:2020:PGE

- [MWR20] Joseph W. Mikhail, Jamie C. Williams, and George R. Roelke. procmonML: Generating evasion resilient host-based behavioral analytics from tree ensembles. *Computers & Security*, 98(?):Article 102002, November 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302753>.

Mejri:2020:RSA

- [MYMC20] Mohamed Mejri, Hamdi Yahyaoui, Azzam Mourad, and Mohamad Chehab. A rewriting system for the assessment of XACML policies relationship. *Computers & Security*, 97(?):Article 101957, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302339>.

Makhdoom:2020:PBB

- [MZA⁺20] Imran Makhdoom, Ian Zhou, Mehran Abolhasan, Justin Lipman, and Wei Ni. PrivySharing: a blockchain-based framework for privacy-preserving and secure data sharing in smart cities. *Computers & Security*, 88(?):Article 101653, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740481930197X>.

Nadler:2022:VAM

- [NBBS22] Asaf Nadler, Ron Bitton, Oleg Brodt, and Asaf Shabtai. On the vulnerability of anti-malware solutions to DNS attacks. *Computers & Security*, 116(?):Article 102687, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000852>.

Neigel:2020:HCH

- [NCW⁺20] Alexis R. Neigel, Victoria L. Claypoole, Grace E. Waldfogle, Subrata Acharya, and Gabriella M. Hancock. Holistic cyber hygiene education: Accounting for the human factors. *Computers & Security*, 92(?):Article 101731, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300183>.

Nguyen-Duc:2021:ASA

- [NDDH⁺21] Anh Nguyen-Duc, Manh Viet Do, Quan Luong Hong, Kiem Nguyen Khac, and Anh Nguyen Quang. On the adoption of static analysis for software security assessment — a case study of an open-source e-government project. *Computers & Security*, 111(?):Article 102470, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002947>.

Nowroozi:2021:SML

- [NDPC21] Ehsan Nowroozi, Ali Dehghantanha, Reza M. Parizi, and Kim-Kwang Raymond Choo. A survey of machine learning techniques in adversarial image forensics. *Computers & Security*, 100(?):Article 102092, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (elec-

tronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303655>.

Nawaz:2022:MMM

- [NFVN⁺22] M. Saqib Nawaz, Philippe Fournier-Viger, M. Zohaib Nawaz, Guoting Chen, and Youxi Wu. MalSPM: Metamorphic malware behavior analysis and classification using sequential pattern mining. *Computers & Security*, 118(??):Article 102741, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001365>.

Nashat:2021:MDF

- [NH21] Dalia Nashat and Fatma A. Hussain. Multifractal detrended fluctuation analysis based detection for SYN flooding attack. *Computers & Security*, 107(??):Article 102315, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001395>.

Nedeljkovic:2022:CBM

- [NJ22] Dusan Nedeljkovic and Zivana Jakovljevic. CNN based method for the development of cyber-attacks detection algorithms in industrial control systems. *Computers & Security*, 114(??):Article 102585, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004089>.

Nazir:2021:NCO

- [NK21] Anjum Nazir and Rizwan Ahmed Khan. A novel combinatorial optimization based feature selection method for network intrusion detection. *Computers & Security*, 102(??):Article 102164, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304375>. ■

Nugraha:2021:TFT

- [NM21] Yudhistira Nugraha and Andrew Martin. Towards a framework for trustworthy data security level agreement in cloud procurement. *Computers & Security*, 106(??):Article 102266, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-

6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000900>.

Nguyen:2021:MPA

- [NMCRB21] Quoc-Thông Nguyen, An Mai, Lionel Chagas, and Nadège Reverdy-Bruas. Microscopic printing analysis and application for classification of source printer. *Computers & Security*, 108(??):Article 102320, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001449>.

Nyangaresi:2022:EHP

- [NR22] Vincent Omollo Nyangaresi and Anthony Joachim Rodrigues. Efficient handover protocol for 5G and beyond networks. *Computers & Security*, 113(??):Article 102546, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003709>.

Neisari:2021:SRD

- [NRS21] Ashraf Neisari, Luis Rueda, and Sherif Saad. Spam review detection using self-organizing maps and convolutional neural networks. *Computers & Security*, 106(??):Article 102274, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000985>.

Niazi:2020:MMS

- [NSA⁺20] Mahmood Niazi, Ashraf Mohammed Saeed, Mohammad Alshayeb, Sajjad Mahmood, and Saad Zafar. A maturity model for secure requirements engineering. *Computers & Security*, 95(??):Article 101852, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301243>.

Nasr:2022:PJY

- [NTBH⁺22] Tony Nasr, Sadegh Torabi, Elias Bou-Harb, Claude Fachkha, and Chadi Assi. Power jacking your station: In-depth security analysis of electric vehicle charging station management systems. *Computers & Security*, 112(??):Article 102511, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print),

1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003357>.

Omolara:2022:ITS

- [OAA⁺22] Abiodun Esther Omolara, Abdullah Alabdulatif, Olu-dare Isaac Abiodun, Moatsum Alawida, Abdulatif Alabdulatif, Wafa' Hamdan Alshoura, and Humaira Arshad. The Internet of Things security: a survey encompassing unexplored areas and new insights. *Computers & Security*, 112(??):Article 102494, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003187>.

Ogbanufe:2021:ESP

- [OCB21] Obi Ogbanufe, Robert E. Crossler, and David Biros. Exploring stewardship: a precursor to voluntary security behaviors. *Computers & Security*, 109(??):Article 102397, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002212>.

Obert:2020:DRE

- [OCJ20] James Obert, Adrian Chavez, and Jay Johnson. Distributed renewable energy resource trust metrics and secure routing. *Computers & Security*, 88(??):Article 101620, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301671>.

Ortega:2020:DFP

- [OFIdD⁺20] David Ortega, Alberto Fernández-Isabel, Isaac Martín de Diego, Cristina Conde, and Enrique Cabello. Dynamic facial presentation attack detection for automated border control systems. *Computers & Security*, 92(??):Article 101744, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300298>.

Ogbanufe:2021:EEU

- [Ogb21] Obi Ogbanufe. Enhancing end-user roles in information security: Exploring the setting, situation, and identity. *Computers & Security*, 108(??):Article 102340, September 2021.

CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001644>.

Olukoya:2022:AFE

- [Olu22] Oluwafemi Olukoya. Assessing frameworks for eliciting privacy and security requirements from laws and regulations. *Computers & Security*, 117(?):Article 102697, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000955>.

Olukoya:2020:SOV

- [OMO20a] Oluwafemi Olukoya, Lewis Mackenzie, and Inah Omoronyia. Security-oriented view of app behaviour using textual descriptions and user-granted permission requests. *Computers & Security*, 89(?):Article 101685, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302238>.

Olukoya:2020:TUU

- [OMO20b] Oluwafemi Olukoya, Lewis Mackenzie, and Inah Omoronyia. Towards using unstructured user input request for malware detection. *Computers & Security*, 93(?):Article 101783, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300687>.

Onwubiko:2020:FMM

- [Onw20] Cyril Onwubiko. Fraud matrix: a morphological and analysis-based classification and taxonomy of fraud. *Computers & Security*, 96(?):Article 101900, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301759>.

Olakanmi:2021:CRA

- [OO21] Oladayo Olufemi Olakanmi and Kehinde Odeyemi. Compromise-resilient anonymous mutual authentication scheme for n by m -times ubiquitous mobile cloud computing services. *Computers & Security*, 108(?):Article 102369, September 2021.

CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001930>.

Oh:2020:WDD

- [OPK20] Dong Bin Oh, Kyung Ho Park, and Huy Kang Kim. De-wipimization: Detection of data wiping traces for investigating NTFS file system. *Computers & Security*, 99(?):Article 102034, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303072>.

OShaughnessy:2022:IBM

- [OS22] Stephen O'Shaughnessy and Stephen Sheridan. Image-based malware classification hybrid framework based on space-filling curves. *Computers & Security*, 116(?):Article 102660, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000591>.

Obaidat:2022:PJN

- [OSPP22] Islam Obaidat, Meera Sridhar, Khue M. Pham, and Phu H. Phung. Jadeite: a novel image-behavior-based approach for Java malware detection using deep learning. *Computers & Security*, 113(?):Article 102547, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003710>.

Oishi:2020:SDP

- [OSTO20] Keiichiro Oishi, Yuichi Sei, Yasuyuki Tahara, and Akihiko Ohsuga. Semantic diversity: Privacy considering distance between values of sensitive attribute. *Computers & Security*, 94(?):Article 101823, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300973>.

Ou:2022:PSS

- [OX22] Fan Ou and Jian Xu. S^3 Feature: a static sensitive subgraph-based feature for Android malware detection. *Computers*

Computers & Security, 112(??):Article 102513, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003370>.

Oakley:2020:PPF

- [OYZ⁺20] Jonathan Oakley, Lu Yu, Xingsi Zhong, Ganesh Kumar Venayagamoorthy, and Richard Brooks. Protocol proxy: an FTE-based covert channel. *Computers & Security*, 92(??):Article 101777, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300626>.

Ouyang:2021:CEC

- [OZW⁺21] Zhiyou Ouyang, Xu Zhai, Jinran Wu, Jian Yang, Dong Yue, Chunxia Dou, and Tengfei Zhang. A cloud endpoint coordinating CAPTCHA based on multi-view stacking ensemble. *Computers & Security*, 103(??):Article 102178, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100002X>.

Parvez:2020:SVB

- [PA20] Mohammad Tanvir Parvez and Suliman A. Alsuhbany. Segmentation-validation based handwritten Arabic CAPTCHA generation. *Computers & Security*, 95(??):Article 101829, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301048>.

Pu:2022:LSA

- [PC22] Cong Pu and Kim-Kwang Raymond Choo. Lightweight Sybil attack detection in IoT based on Bloom filter and physical unclonable function. *Computers & Security*, 113(??):Article 102541, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003655>.

Patsakis:2020:ECD

- [PCK20] Constantinos Patsakis, Fran Casino, and Vasilios Katos. Encrypted and covert DNS queries for botnets: Chal-

lenges and countermeasures. *Computers & Security*, 88(??):Article 101614, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S016740481831321X>.

Paruchuri:2020:GRE

- [PCR20] Shravya Paruchuri, Andrew Case, and Golden G. Richard. Gaslight revisited: Efficient and powerful fuzzing of digital forensics tools. *Computers & Security*, 97(??):Article 101986, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302583>.

Paya:2022:EAS

- [PCR22] Antonio Paya, Alba Cotarelo, and Jose Manuel Redondo. Egida: Automated security configuration deployment systems with early error detection. *Computers & Security*, 116(??):Article 102638, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000372>.

Posey:2020:EEO

- [PF20] Clay Posey and Robert Folger. An exploratory examination of organizational insiders' descriptive and normative perceptions of cyber-relevant rights and responsibilities. *Computers & Security*, 99(??):Article 102038, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303114>.

Pilton:2021:EPD

- [PFHB21] Callum Pilton, Shamal Faily, and Jane Henriksen-Bulmer. Evaluating privacy — determining user privacy expectations on the web. *Computers & Security*, 105(??):Article 102241, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000651>.

Philippou:2020:CAS

- [PFR20] Eleni Philippou, Sylvain Frey, and Awais Rashid. Contextualising and aligning security metrics and business ob-

jectives: a GQM-based methodology. *Computers & Security*, 88(?):Article 101634, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818305170>.

Patil:2020:EPP

- [PHH⁺20] Akash Suresh Patil, Rafik Hamza, Alzubair Hassan, Nan Jiang, Hongyang Yan, and Jin Li. Efficient privacy-preserving authentication protocol using PUFs with blockchain smart contracts. *Computers & Security*, 97(?):Article 101958, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302340>.

Park:2021:MCA

- [PKK⁺21] Sang-Ok Park, Ohmin Kwon, Yonggon Kim, Sang Kil Cha, and Hyunsoo Yoon. Mind control attack: Undermining deep learning with GPU memory exploitation. *Computers & Security*, 102(?):Article 102115, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303886>.

Pu:2022:DDE

- [PLB⁺22] Wenxi Pu, Siyuan Li, Gregory J. Bott, Marie Esposito, and Jason Bennett Thatcher. To disclose or not to disclose: an evaluation of the effects of information control and social network transparency. *Computers & Security*, 112(?):Article 102509, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003333>.

Pinhero:2021:MDE

- [PLP⁺21] Anson Pinhero, Anupama M. L., Vinod P., C. A. Visaggio, Aneesh N., Abhijith S., and AnanthaKrishnan S. Malware detection employed by visualization and deep neural network. *Computers & Security*, 105(?):Article 102247, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000717>.

Paananen:2020:SAI

- [PLS20] Hanna Paananen, Michael Lapke, and Mikko Siponen. State of the art in information security policy development. *Computers & Security*, 88(??):Article 101608, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404818313002>.

Peng:2021:EMG

- [PLW⁺21] Wenyu Peng, Renyang Liu, Ruxin Wang, Taining Cheng, Zifeng Wu, Li Cai, and Wei Zhou. EnsembleFool: a method to generate adversarial examples based on model fusion strategy. *Computers & Security*, 107(??):Article 102317, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001413>.

Pour:2020:DDC

- [PMF⁺20] Morteza Safaei Pour, Antonio Mangino, Kurt Friday, Matthias Rathbun, Elias Bou-Harb, Farkhund Iqbal, Sagar Samtani, Jorge Crichigno, and Nasir Ghani. On data-driven curation, learning, and analysis for inferring evolving Internet-of-Things (IoT) botnets in the wild. *Computers & Security*, 91(??):Article 101707, April 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302445>.

Pavithran:2021:NCB

- [PMNL21] Pramod Pavithran, Sheena Mathew, Suyel Namasudra, and Pascal Lorenz. A novel cryptosystem based on DNA cryptography and randomly generated Mealy machine. *Computers & Security*, 104(??):Article 102160, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304338>.

Palanisamy:2020:CBY

- [PNK20] Rathika Palanisamy, Azah Anir Norman, and Miss Laiha Mat Kiah. Compliance with bring your own device security policies in organizations: a systematic literature review. *Computers & Security*, 98(??):Article 101998, November 2020. CO-

DEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302716>.

P:2022:IDB

- [PRTV22] Ramkumar M. P., P. V. Bhaskar Reddy, J. T. Thirukrishna, and Ch. Vidyadhari. Intrusion detection in big data using hybrid feature fusion and optimization enabled deep learning based on Spark architecture. *Computers & Security*, 116(??):Article 102668, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000670>.

Plotnek:2021:CTH

- [PS21] Jordan J. Plotnek and Jill Slay. Cyber terrorism: a homogenized taxonomy and definition. *Computers & Security*, 102(??):Article 102145, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304181>.

Petrykina:2021:NUT

- [PSCT21] Yelena Petrykina, Hadas Schwartz-Chassidim, and Eran Toch. Nudging users towards online safety using gamified environments. *Computers & Security*, 108(??):Article 102270, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000948>.

Parast:2022:CCS

- [PSN⁺22] Fatemeh Khoda Parast, Chandni Sindhav, Seema Nikam, Hadiseh Izadi Yekta, Kenneth B. Kent, and Saqib Hakak. Cloud computing security: a survey of service-based models. *Computers & Security*, 114(??):Article 102580, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003977>.

Patil:2022:MFB

- [PSP⁺22] Rajendra Patil, Vinay Sachidananda, Hongyi Peng, Akshay Sachdeva, and Mohan Gurusamy. MARK: Fill in

the blanks through a JointGAN based data augmentation for network anomaly detection. *Computers & Security*, 119(?):Article 102759, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001547>.

Park:2022:UMD

- [PSY⁺22] Kyung Ho Park, Hyun Min Song, Jeong Do Yoo, Su-Youn Hong, Byoungmo Cho, Kwangsoo Kim, and Huy Kang Kim. Unsupervised malicious domain detection with less labeling effort. *Computers & Security*, 116(?):Article 102662, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482200061X>.

Prasad:2020:UFS

- [PTD20] Mahendra Prasad, Sachin Tripathi, and Keshav Dahal. Unsupervised feature selection and cluster center initialization based arbitrary shaped clusters for intrusion detection. *Computers & Security*, 99(?):Article 102062, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303357>.

Pereira-Vale:2021:SMB

- [PVFM⁺21] Anelis Pereira-Vale, Eduardo B. Fernandez, Raúl Monge, Hernán Astudillo, and Gastón Márquez. Security in microservice-based systems: a multivocal literature review. *Computers & Security*, 103(?):Article 102200, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000249>.

Pham:2021:SSA

- [PX21] Minh Pham and Kaiqi Xiong. A survey on security attacks and defense techniques for connected and autonomous vehicles. *Computers & Security*, 109(?):Article 102269, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000936>.

Pei:2020:ADL

- [PYT20] Xinjun Pei, Long Yu, and Shengwei Tian. AMalNet: a deep learning framework based on graph convolutional networks for malware detection. *Computers & Security*, 93(??):Article 101792, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300778>. ■

Qiu:2022:HID

- [QMC⁺22] Weicheng Qiu, Yinghua Ma, Xiuzhen Chen, Haiyang Yu, and Lixing Chen. Hybrid intrusion detection system based on Dempster-Shafer evidence theory. *Computers & Security*, 117(??):Article 102709, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001079>.

Qian:2020:SEA

- [QMW⁺20a] Yaguan Qian, Danfeng Ma, Bin Wang, Jun Pan, Jiamin Wang, Zhaoquan Gu, Jianhai Chen, Wujie Zhou, and Jingsheng Lei. Spot evasion attacks: Adversarial examples for license plate recognition systems with convolutional neural networks. *Computers & Security*, 95(??):Article 101826, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301000>.

Qin:2020:AUA

- [QMW20b] Zhi-Quan Qin, Xing-Kong Ma, and Yong-Jun Wang. ADSAD: an unsupervised attention-based discrete sequence anomaly detection framework for network security analysis. *Computers & Security*, 99(??):Article 102070, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303436>.

Quamara:2022:SSS

- [QS22] Sidharth Quamara and Awadhesh Kumar Singh. A systematic survey on security concerns in cryptocurrencies: State-of-the-art and perspectives. *Computers & Security*, 113(??):Article 102548, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S0167404821003722>.

Qin:2022:FBH

- [QY22] Yi Qin and Chuan Yue. Fuzzing-based hard-label black-box attacks against machine learning models. *Computers & Security*, 117(?):Article 102694, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482200092X>.

Qiao:2022:AMS

- [QZT⁺22] Yanchen Qiao, Weizhe Zhang, Zhicheng Tian, Laurence T. Yang, Yang Liu, and Mamoun Alazab. Adversarial malware sample generation method based on the prototype of deep learning detector. *Computers & Security*, 119(?):Article 102762, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001572>.

Russo:2020:BNG

- [RCA20] Enrico Russo, Gabriele Costa, and Alessandro Armando. Building next generation cyber ranges with CRACK. *Computers & Security*, 95(?):Article 101837, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301103>.

Reeves:2021:GRH

- [RCD21] A. Reeves, D. Calic, and P. Delfabbro. “Get a red-hot poker and open up my eyes, it’s so boring”¹: Employee perceptions of cybersecurity training. *Computers & Security*, 106(?):Article 102281, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100105X>.

Raman:2020:DAA

- [RDM20] M. R. Gauthama Raman, Wenjie Dong, and Aditya Mathur. Deep autoencoders as anomaly detectors: Method and case study in a distributed water treatment plant. *Computers*

Security, 99(?):Article 102055, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030328X>.

Ruan:2020:GMF

- [RDS20] Na Ruan, Ruoyu Deng, and Chunhua Su. GADM: Manual fake review detection for O2O commercial platforms. *Computers & Security*, 88(?):Article 101657, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302007>.

Robles-Gonzalez:2020:LBF

- [RGPAF20] Antonio Robles-González, Javier Parra-Arnau, and Jordi Forné. A LINDDUN-based framework for privacy threat analysis on identification and authentication processes. *Computers & Security*, 94(?):Article 101755, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300390>.

Rashidibajgan:2021:SPP

- [RHDF21] Samaneh Rashidibajgan, Thomas Hupperich, Robin Doss, and Anna Förster. Secure and privacy-preserving structure in opportunistic networks. *Computers & Security*, 104(?):Article 102208, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000328>.

R:2021:SRS

- [RJ21] Isaac Sajan R. and Jasper J. A secure routing scheme to mitigate attack in wireless adhoc sensor network. *Computers & Security*, 103(?):Article 102197, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000213>.

Rostami:2020:RCT

- [RKG20] Elham Rostami, Fredrik Karlsson, and Shang Gao. Requirements for computerized tools to design information security policies. *Computers & Security*, 99(?):Article 102063, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print),

1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303369>.

Radhika:2020:CAF

- [RKSV20] B. S. Radhika, N. V. Narendra Kumar, R. K. Shyamasundar, and Parjanya Vyas. Consistency analysis and flow secure enforcement of SELinux policies. *Computers & Security*, 94(?):Article 101816, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300948>.

Rass:2022:SML

- [RKW⁺22] Stefan Rass, Sandra König, Jasmin Wachter, Manuel Egger, and Manuel Hobisch. Supervised machine learning with plausible deniability. *Computers & Security*, 112(?):Article 102506, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003308>.■

Rong:2020:TFT

- [RLW⁺20] Hong Rong, Jian Liu, Wei Wu, Jialu Hao, Huimei Wang, and Ming Xian. Toward fault-tolerant and secure frequent itemset mining outsourcing in hybrid cloud environment. *Computers & Security*, 98(?):Article 101969, November 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030242X>.

Rosado:2021:MBP

- [RMS⁺21] David G. Rosado, Julio Moreno, Luis E. Sánchez, Antonio Santos-Olmo, Manuel A. Serrano, and Eduardo Fernández-Medina. MARISMA-BiDa pattern: Integrated risk analysis for big data. *Computers & Security*, 102(?):Article 102155, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304284>.

Rathgeb:2022:DFP

- [RMS⁺22] Christian Rathgeb, Johannes Merkle, Johanna Scholz, Benjamin Tams, and Vanessa Nesterowicz. Deep face fuzzy vault: Implementation and performance. *Computers &*

Security, 113(?):Article 102539, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003631>.

Rasslan:2022:ISP

- [RNA22] Mohamed Rasslan, Mahmoud M. Nasreldin, and Heba K. Aslan. Ibn Sina: a patient privacy-preserving authentication protocol in Medical Internet of Things. *Computers & Security*, 119(?):Article 102753, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001481>.

Roumani:2022:DTD

- [Rou22] Yaman Roumani. Detection time of data breaches. *Computers & Security*, 112(?):Article 102508, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003321>.

Rajasoundaran:2021:MLB

- [RPR⁺21] S. Rajasoundaran, A. V. Prabu, Sidheswar Routray, S. V. N. Santhosh Kumar, Prince Priya Malla, Suman Maloji, Amrit Mukherjee, and Uttam Ghosh. Machine learning based deep job exploration and secure transactions in virtual private cloud systems. *Computers & Security*, 109(?):Article 102379, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002030>.

Rachid:2020:EBO

- [RRM20] Maan Haj Rachid, Ryan Riley, and Qutaibah Malluhi. Enclave-based oblivious RAM using Intel's SGX. *Computers & Security*, 91(?):Article 101711, April 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302482>.

Rodriguez-Ruiz:2020:OCC

- [RRMSM⁺20] Jorge Rodríguez-Ruiz, Javier Israel Mata-Sánchez, Raúl Monroy, Octavio Loyola-González, and Armando López-Cuevas. A

one-class classification approach for bot detection on Twitter. *Computers & Security*, 91(?):Article 101715, April 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300031>.

Roychoudhury:2021:SDD

- [RRS21] Probidita Roychoudhury, Basav Roychoudhury, and Dilip K. Saikia. A secure device-to-device communication scheme for massive machine type communication. *Computers & Security*, 108(?):Article 102370, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001942>.

Rocha:2020:FBM

- [RSEK20] Thiago Rocha, Eduardo Souto, and Khalil El-Khatib. Functionality-based mobile application recommendation system with security and privacy awareness. *Computers & Security*, 97(?):Article 101972, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302455>.

Ring:2021:MDW

- [RSW⁺21] Markus Ring, Daniel Schlör, Sarah Wunderlich, Dieter Landes, and Andreas Hotho. Malware detection on windows audit logs using LSTMs. *Computers & Security*, 109(?):Article 102389, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002133>.

Rahman:2020:NBF

- [RT20] Rizwan Ur Rahman and Deepak Singh Tomar. New biostatistics features for detecting web bot activity on web applications. *Computers & Security*, 97(?):Article 102001, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302741>.

Rondeau:2021:ECI

- [RTBK21] Christopher M. Rondeau, Michael A. Temple, J. Addison Bencances, and Christine M. Schubert Kabban. Extending critical infrastructure element longevity using constellation-based ID verification. *Computers & Security*, 100(??):Article 102073, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303461>.

Ren:2021:NIS

- [RXFZ21] Yanli Ren, Xiao Xu, Guorui Feng, and Xinpeng Zhang. Non-interactive and secure outsourcing of PCA-Based face recognition. *Computers & Security*, 110(??):Article 102416, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002406>.

Rass:2020:CSS

- [RZ20a] Stefan Rass and Quanyan Zhu. Computer and security special issue editorial. *Computers & Security*, 89(??):Article 101678, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302184>.

Ren:2020:DGM

- [RZ20b] Jianguo Ren and Chunming Zhang. A differential game method against attacks in heterogeneous honeynet. *Computers & Security*, 97(??):Article 101870, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301425>.

Ren:2020:QEL

- [RZW⁺20] Yizhi Ren, Qi Zhou, Zhen Wang, Ting Wu, Guohua Wu, and Kim-Kwang Raymond Choo. Query-efficient label-only attacks against black-box machine learning models. *Computers & Security*, 90(??):Article 101698, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302354>.

S:2020:ITP

- [SA20] Ajish S. and K. S. AnilKumar. Iris template protection using double bloom filter based feature transformation. *Computers & Security*, 97(??):Article 101985, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302595>.

Saidani:2020:SBC

- [SAA20] Nadjate Saidani, Kamel Adi, and Mohand Saïd Allili. A semantic-based classification approach for an enhanced spam detection. *Computers & Security*, 94(??):Article 101716, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300043>.

Seng:2021:FLU

- [SAAW21] Sovantharith Seng, Mahdi Nasrullah Al-Ameen, and Matthew Wright. A first look into users' perceptions of facial recognition in the physical world. *Computers & Security*, 105(??):Article 102227, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000511>.

Sharevski:2022:MWT

- [SAJP22] Filipo Sharevski, Raniem Alsaadi, Peter Jachim, and Emma Pieroni. Misinformation warnings: Twitter's soft moderation effects on COVID-19 vaccine belief echoes. *Computers & Security*, 114(??):Article 102577, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004016>.

Sarier:2021:CBB

- [Sar21] Neyire Deniz Sarier. Comments on biometric-based non-transferable credentials and their application in blockchain-based identity management. *Computers & Security*, 105(??):Article 102243, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000675>. ■

Sebastio:2020:OSE

- [SBB⁺20] Stefano Sebastio, Eduard Baranov, Fabrizio Biondi, Olivier Decourbe, Thomas Given-Wilson, Axel Legay, Cassius Puodzius, and Jean Quilbeuf. Optimizing symbolic execution for malware behavior classification. *Computers & Security*, 93(??):Article 101775, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300602>.

Spagnuolo:2020:QMT

- [SBL20] Dayana Spagnuolo, Cesare Bartolini, and Gabriele Lenzini. Qualifying and measuring transparency: a medical data system case study. *Computers & Security*, 91(??):Article 101717, April 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740481830823X>.

Sani:2022:SSP

- [SBY⁺22] Abubakar Sadiq Sani, Elisa Bertino, Dong Yuan, Ke Meng, and Zhao Yang Dong. SPrivAD: a secure and privacy-preserving mutually dependent authentication and data access scheme for smart communities. *Computers & Security*, 115(??):Article 102610, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000098>.

Singh:2021:SSH

- [SC21] Ashish Singh and Kakali Chatterjee. Securing smart health-care system with edge computing. *Computers & Security*, 108(??):Article 102353, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001772>.

Sinigaglia:2020:SMF

- [SCCZ20] Federico Sinigaglia, Roberto Carbone, Gabriele Costa, and Nicola Zannone. A survey on multi-factor authentication for online banking in the wild. *Computers & Security*, 95(??):Article 101745, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S0167404820300316>.

Sarfaraz:2021:TSB

- [SCE21] Aaliya Sarfaraz, Ripon K. Chakraborty, and Daryl L. Es-sam. A tree structure-based improved blockchain framework for a secure online bidding system. *Computers & Security*, 102(?):Article 102147, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030420X>.

Sammoud:2020:NBB

- [SCH⁺20] Amal Sammoud, Mohamed Aymen Chalouf, Omessaad Hamdi, Nicolas Montavont, and Ammar Bouallegue. A new biometrics-based key establishment protocol in WBAN: energy efficiency and security robustness analysis. *Computers & Security*, 96(?):Article 101838, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301115>.

Sun:2021:VVD

- [SCL⁺21] Hao Sun, Lei Cui, Lun Li, Zhenquan Ding, Zhiyu Hao, Jiancong Cui, and Peng Liu. VDSimilar: Vulnerability detection based on code similarity of vulnerabilities and patches. *Computers & Security*, 110(?):Article 102417, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002418>.

Shwartz:2020:ICH

- [SCSO20] Omer Shwartz, Amir Cohen, Asaf Shabtai, and Yossi Oren. Inner conflict: How smart device components can cause harm. *Computers & Security*, 89(?):Article 101665, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302056>.

Svabensky:2021:CKS

- [SCVB21] Valdemar Svábenský, Pavel Celeda, Jan Vykopal, and Silvia Brisáková. Cybersecurity knowledge and skills

taught in capture the flag challenges. *Computers & Security*, 102(?):Article 102154, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304272>.

Shen:2022:FFB

- [SCW⁺22] Gaoning Shen, Zhixiang Chen, Hui Wang, Heng Chen, and Shuqi Wang. Feature fusion-based malicious code detection with dual attention mechanism and BiLSTM. *Computers & Security*, 119(?):Article 102761, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001560>.

Stergiopoulos:2020:ANR

- [SDG20] George Stergiopoulos, Panagiotis Dedousis, and Dimitris Gritzalis. Automatic network restructuring and risk mitigation through business process asset dependency analysis. *Computers & Security*, 96(?):Article 101869, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301413>.

Shillair:2022:CEA

- [SEGD⁺22] Ruth Shillair, Patricia Esteve-González, William H. Dutton, Sadie Creese, Eva Nagyfejeo, and Basie von Solms. Cybersecurity education, awareness raising, and training initiatives: National level evidence-based results, challenges, and promise. *Computers & Security*, 119(?):Article 102756, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001511>.

Subba:2021:TSV

- [SG21] Basant Subba and Prakriti Gupta. A *tfidf*vectorizer and *singular value decomposition* based host intrusion detection system framework for detecting anomalous system processes. *Computers & Security*, 100(?):Article 102084, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303576>.

Shen:2022:PBD

- [SGS⁺22] Yuncheng Shen, Bing Guo, Yan Shen, Xuliang Duan, Xi-angqian Dong, Hong Zhang, Chuanwu Zhang, and Yuming Jiang. Personal big data pricing method based on differential privacy. *Computers & Security*, 113(??):Article 102529, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003539>.

Sharma:2022:OAM

- [SGSS22] Amit Sharma, Brij B. Gupta, Awadhesh Kumar Singh, and V. K. Saraswat. Orchestration of APT malware evasive manoeuvres employed for eluding anti-virus and sandbox defense. *Computers & Security*, 115(??):Article 102627, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000268>.

Stergiopoulos:2021:DMT

- [SGVA21] George Stergiopoulos, Dimitris Gritzalis, Efstratios Vasilellis, and Argiro Anagnostopoulou. Dropping malware through sound injection: a comparative analysis on Android operating systems. *Computers & Security*, 105(??):Article 102228, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000523>.

Shahim:2021:SDT

- [Sha21] Abbas Shahim. Security of the digital transformation. *Computers & Security*, 108(??):Article 102345, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001693>.

Slijepcevic:2021:APH

- [SHK⁺21] Djordje Slijepčević, Maximilian Henzl, Lukas Daniel Klausner, Tobias Dam, Peter Kieseberg, and Matthias Zeppelzauer. k -anonymity in practice: How generalisation and suppression affect machine learning classifiers. *Computers & Security*, 111(??):Article 102488, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003126>.

Shi:2020:ABE

- [SHL⁺20] Shuyun Shi, Debiao He, Li Li, Neeraj Kumar, Muhammad Khurram Khan, and Kim-Kwang Raymond Choo. Applications of blockchain in ensuring the security and privacy of electronic health record systems: a survey. *Computers & Security*, 97(?):Article 101966, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030239X>.

Stojanovic:2020:ADA

- [SHSK20] Branka Stojanović, Katharina Hofer-Schmitz, and Ulrike Kleb. APT datasets and attack modeling for automated detection methods: a review. *Computers & Security*, 92(?):Article 101734, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300213>.

Sultan:2021:MBN

- [SJ21] Shizra Sultan and Christian D. Jensen. Metadata based need-to-know view in large-scale video surveillance systems. *Computers & Security*, 111(?):Article 102452, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002765>.

Smith:2021:AIR

- [SJH⁺21] Richard Smith, Helge Janicke, Ying He, Fenia Ferra, and Adham Albakri. The Agile Incident Response for Industrial Control Systems (AIR4ICS) framework. *Computers & Security*, 109(?):Article 102398, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002224>.

Shao:2020:ADT

- [SJX⁺20] Wei Shao, Chunfu Jia, Yunkai Xu, Kefan Qiu, Yan Gao, and Yituo He. Attrichain: Decentralized traceable anonymous identities in privacy-preserving permissioned blockchain. *Computers & Security*, 99(?):Article 102069, December 2020.

CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303424>.

S:2020:SPE

- [SK20] Ajish S. and K. S. Anil Kumar. Security and performance enhancement of fingerprint biometric template using symmetric hashing. *Computers & Security*, 90(??):Article 101714, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030002X>.

Skeoch:2022:EGL

- [Ske22] Henry R. K. Skeoch. Expanding the Gordon–Loeb model to cyber-insurance. *Computers & Security*, 112(??):Article 102533, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003576>.

Stellios:2021:AIE

- [SKG21] Ioannis Stellios, Panayiotis Kotzanikolaou, and Christos Grigoriadis. Assessing IoT enabled cyber-physical attack paths against critical systems. *Computers & Security*, 107(??):Article 102316, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001401>.

Shlomo:2021:TPB

- [SKM21] Amit Shlomo, Meir Kalech, and Robert Moskovitch. Temporal pattern-based malicious activity detection in SCADA systems. *Computers & Security*, 102(??):Article 102153, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304260>.

Sudhakar:2021:AEF

- [SKS21] Sai Ram Vallam Sudhakar, Namrata Kayastha, and Kewei Sha. ActID: an efficient framework for activity sensor based user identification. *Computers & Security*, 108(??):Article 102319, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001437>.

Shin:2020:RTE

- [SL20] Bongsik Shin and Paul Benjamin Lowry. A review and theoretical explanation of the ‘cyberthreat-intelligence (CTI) capability’ that needs to be fostered in information security practitioners and how this can be accomplished. *Computers & Security*, 92(??):Article 101761, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300456>.

Solanki:2021:MVA

- [SLBG21] Rajendra Kumar Solanki, Vijay Laxmi, Bruhadeshwar Bezwada, and Manoj Singh Gaur. MapperDroid: Verifying app capabilities from description to permissions and API calls. *Computers & Security*, 111(??):Article 102493, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003175>.

Shao:2021:MEF

- [SLC⁺21] Minglai Shao, Jianxin Li, Yue Chang, Jun Zhao, and Xunxun Chen. MASA: an efficient framework for anomaly detection in multi-attributed networks. *Computers & Security*, 102(??):Article 102085, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303588>.

Samarasinghe:2021:CBM

- [SM21] Nayanamana Samarasinghe and Mohammad Mannan. On cloaking behaviors of malicious websites. *Computers & Security*, 101(??):Article 102114, February 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303874>.

Shen:2021:AHS

- [SMC⁺21] Lixiang Shen, Dejun Mu, Guo Cao, Maoyuan Qin, Jiacheng Zhu, and Wei Hu. Accelerating hardware security verification and vulnerability detection through state space reduction. *Computers & Security*, 103(??):Article 102167, April

2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304405>.

Sanchez:2021:APP

- [SMCP21] Pedro Miguel Sánchez Sánchez, Lorenzo Fernández Maimó, Alberto Huertas Celdrán, and Gregorio Martínez Pérez. AuthCODE: a privacy-preserving and multi-device continuous authentication architecture based on machine and deep learning. *Computers & Security*, 103(??):Article 102168, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304417>.

Shepherd:2021:PFI

- [SMvH⁺21] Carlton Shepherd, Konstantinos Markantonakis, Nico van Heijningen, Driss Aboukassimi, Clément Gaine, Thibaut Heckmann, and David Naccache. Physical fault injection and side-channel attacks on mobile devices: a comprehensive analysis. *Computers & Security*, 111(??):Article 102471, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002959>.

Schmitz:2020:LLS

- [SP20] Christopher Schmitz and Sebastian Pape. LiSRA: Lightweight Security Risk Assessment for decision support in information security. *Computers & Security*, 90(??):Article 101656, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819301993>.

Siponen:2020:CIN

- [SPV20] Mikko Siponen, Petri Puhakainen, and Anthony Vance. Can individuals' neutralization techniques be overcome? A field experiment on password policy. *Computers & Security*, 88(??):Article 101617, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301646>.

Singh:2020:BSC

- [SPZ⁺20] Amritraj Singh, Reza M. Parizi, Qi Zhang, Kim-Kwang Raymond Choo, and Ali Dehghantanha. Blockchain smart contracts formalization: Approaches and challenges to address vulnerabilities. *Computers & Security*, 88(?):Article 101654, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818310927>.

Sung:2022:DKL

- [SRM22] Dillon Cheong Lien Sung, Gauthama Raman M. R., and Aditya P. Mathur. Design-knowledge in learning plant dynamics for detecting process anomalies in water treatment plants. *Computers & Security*, 113(?):Article 102532, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003564>.

Sadique:2022:MAA

- [SS22] Farhan Sadique and Shamik Sengupta. Modeling and analyzing attacker behavior in IoT botnet using temporal convolution network (TCN). *Computers & Security*, 117(?):Article 102714, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001092>. ■

Sohi:2021:REN

- [SSG21] Soroush M. Sohi, Jean-Pierre Seifert, and Fatemeh Ganji. RNNIDS: Enhancing network intrusion detection systems through deep learning. *Computers & Security*, 102(?):Article 102151, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304247>. ■

Soriano-Salvador:2021:SSB

- [SSGM21] Enrique Soriano-Salvador and Gorka Guardiola-Múzquiz. SealFS: Storage-based tamper-evident logging. *Computers & Security*, 108(?):Article 102325, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001498>.

Schmitz:2021:MLA

- [SSHP21] Christopher Schmitz, Michael Schmid, David Harborth, and Sebastian Pape. Maturity level assessments of information security controls: an empirical analysis of practitioners assessment capabilities. *Computers & Security*, 108(?):Article 102306, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001309>.

Shao:2020:SWF

- [SSL20] Xiuyan Shao, Mikko Siponen, and Fufan Liu. Shall we follow? Impact of reputation concern on information security managers' investment decisions. *Computers & Security*, 97(?):Article 101961, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302376>.

Salvi:2022:CRC

- [SSN22] Andrea Salvi, Paolo Spagnoletti, and Nadia Saad Noori. Cyber-resilience of critical cyber infrastructures: Integrating digital twins in the electric power ecosystem. *Computers & Security*, 112(?):Article 102507, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100331X>.

Szczepaniuk:2020:ISA

- [SSRK20] Edyta Karolina Szczepaniuk, Hubert Szczepaniuk, Tomasz Rokicki, and Bogdan Klepacki. Information security assessment in public administration. *Computers & Security*, 90(?):Article 101709, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302469>.

Shah:2021:LLC

- [SSS⁺21] Syed W. Shah, Naeem F. Syed, Arash Shaghghi, Adnan Anwar, Zubair Baig, and Robin Doss. LCDA: Lightweight continuous device-to-device authentication for a Zero Trust Architecture (ZTA). *Computers & Security*, 108(?):Article 102351,

September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001759>.

Soomro:2021:FIF

- [SST21] Zahoor Ahmed Soomro, Mahmood Hussain Shah, and Jason Thatcher. A framework for ID fraud prevention policies in e-tailing sector. *Computers & Security*, 109(??):Article 102403, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002273>.

Syed:2022:TSC

- [SSTRD22] Naeem Firdous Syed, Syed W. Shah, Rolando Trujillo-Rasua, and Robin Doss. Traceability in supply chains: a cyber security analysis. *Computers & Security*, 112(??):Article 102536, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003606>.

Shafiq:2020:IMT

- [STB+20] Muhammad Shafiq, Zhihong Tian, Ali Kashif Bashir, Xiaojiang Du, and Mohsen Guizani. IoT malicious traffic identification using wrapper-based feature selection mechanisms. *Computers & Security*, 94(??):Article 101863, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301358>.

Sun:2022:PPV

- [STH+22] Xin Sun, Chengliang Tian, Changhui Hu, Weizhong Tian, Hanlin Zhang, and Jia Yu. Privacy-preserving and verifiable SRC-based face recognition with cloud/edge server assistance. *Computers & Security*, 118(??):Article 102740, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001353>.

Suaboot:2020:SCH

- [STM+20] Jakapan Suaboot, Zahir Tari, Abdun Mahmood, Albert Y. Zomaya, and Wei Li. Sub-curve HMM: a malware detection approach based on partial analysis of API call sequences.

Computers & Security, 92(?):Article 101773, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300596>.

Saravanan:2021:LBA

- [SU21] N. Saravanan and A. Umamakeswari. Lattice based access control for protecting user data in cloud environments with hybrid security. *Computers & Security*, 100(?):Article 102074, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303473>.

Sun:2021:TGM

- [Sun21] Pan Jun Sun. A tripartite game model of trust cooperation in cloud service. *Computers & Security*, 106(?):Article 102272, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000961>.

Shahani:2021:CBR

- [SVA21] Snehkumar Shahani, R. Venkateswaran, and Jibi Abraham. Cost-based recommendation of parameters for local differentially private data aggregation. *Computers & Security*, 102(?):Article 102144, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030417X>.

Schlette:2021:PCS

- [SVP21] Daniel Schlette, Manfred Vielberth, and Günther Pernul. CTI-SOC2M2 — the quest for mature, intelligence-driven security operations and incident response capabilities. *Computers & Security*, 111(?):Article 102482, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003060>.

Simoglou:2021:IDS

- [SVP21] George Simoglou, George Violettas, Sophia Petridou, and Lefteris Mamatas. Intrusion detection systems for RPL security: a comparative analysis. *Computers & Security*, 104(?):Article 102219, May 2021. CODEN CPSEDU. ISSN

0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000432>.

Strous:2021:SPI

- [SvSZ21] Leon Strous, Suné von Solms, and André Zúquete. Security and privacy of the Internet of Things. *Computers & Security*, 102(??):Article 102148, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304211>.

Shin:2022:PAE

- [SW22] Youjin Shin and Simon S. Woo. PasswordTensor: Analyzing and explaining password strength using tensor decomposition. *Computers & Security*, 116(??):Article 102634, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000335>.

Sun:2020:UIB

- [SWK20] Qizhang Sun, Martijn C. Willemsen, and Bart P. Knijnenburg. Unpacking the intention-behavior gap in privacy decision making for the Internet of Things (IoT) using aspect listing. *Computers & Security*, 97(??):Article 101924, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302005>.

Sun:2020:DMD

- [SWYL20] Xiaoqing Sun, Zhiliang Wang, Jiahai Yang, and Xinran Liu. Deepdom: Malicious domain detection with scalable and heterogeneous graph convolutional networks. *Computers & Security*, 99(??):Article 102057, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303308>.

Shao:2021:BED

- [SYA⁺21] Kun Shao, Junan Yang, Yang Ai, Hui Liu, and Yu Zhang. BDDR: an effective defense against textual backdoor attacks. *Computers & Security*, 110(??):Article 102433, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-

6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002571>.

Sheng:2021:SIH

- [SYF⁺21] Chuan Sheng, Yu Yao, Qiang Fu, Wei Yang, and Ying Liu. Study on the intelligent honeynet model for containing the spread of industrial viruses. *Computers & Security*, 111(?):Article 102460, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002844>.

Sun:2021:CTN

- [SYG⁺21] Fangyuan Sun, Jia Yu, Xinrui Ge, Ming Yang, and Fanyu Kong. Constrained top- k nearest fuzzy keyword queries on encrypted graph in road network. *Computers & Security*, 111(?):Article 102456, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002807>.

Song:2022:MRM

- [SYH⁺22] Haina Song, Fangfang Yin, Xinyu Han, Tao Luo, and Jianfeng Li. MPDS-RCA: Multi-level privacy-preserving data sharing for resisting collusion attacks based on an integration of CP-ABE and LDP. *Computers & Security*, 112(?):Article 102523, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003473>.

Sun:2020:QPT

- [SYL⁺20] Zhe Sun, Lihua Yin, Chao Li, Weizhe Zhang, Ang Li, and Zhihong Tian. The QoS and privacy trade-off of adversarial deep learning: an evolutionary game approach. *Computers & Security*, 96(?):Article 101876, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301498>.

Sun:2021:NBD

- [SZC⁺21] Dongming Sun, Xiaolu Zhang, Kim-Kwang Raymond Choo, Liang Hu, and Feng Wang. NLP-based digital forensic in-

vestigation platform for online communications. *Computers & Security*, 104(?):Article 102210, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000341>.

Sun:2022:PDP

- [SZL+22] Jie Sun, Lingchen Zhao, Zhuotao Liu, Qi Li, Xinhao Deng, Qian Wang, and Yong Jiang. Practical differentially private online advertising. *Computers & Security*, 112(?):Article 102504, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100328X>.

Shao:2022:TON

- [SZY+22] Kun Shao, Yu Zhang, Junan Yang, Xiaoshuai Li, and Hui Liu. The triggers that open the NLP model backdoors are hidden in the adversarial samples. *Computers & Security*, 118(?):Article 102730, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001250>.

Tantawy:2020:MBR

- [TAES20] Ashraf Tantawy, Sherif Abdelwahed, Abdelkarim Erradi, and Khaled Shaban. Model-based risk assessment for cyber physical systems security. *Computers & Security*, 96(?):Article 101864, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030136X>.

terBeek:2021:QSR

- [tBLLV21] Maurice H. ter Beek, Axel Legay, Alberto Lluch Lafuente, and Andrea Vandin. Quantitative security risk modeling and analysis with RisQFLan. *Computers & Security*, 109(?):Article 102381, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002054>.

Tondel:2022:ISP

- [TCJS22] Inger Anne Tøndel, Daniela Soares Cruzes, Martin Gilje Jaatun, and Guttorm Sindre. Influencing the security prioritisation of an agile software development project. *Computers & Security*, 118(??):Article 102744, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001390>.

Tan:2020:GTA

- [TCY⁺20] Choon Lin Tan, Kang Leng Chiew, Kelvin S. C. Yong, San Nah Sze, Johari Abdullah, and Yakub Sebastian. A graph-theoretic approach for the detection of phishing web-pages. *Computers & Security*, 95(??):Article 101793, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030078X>.

Tian:2021:TAF

- [TCYL21] Pu Tian, Zheyi Chen, Wei Yu, and Weixian Liao. Towards asynchronous federated learning based threat detection: a DC-Adam approach. *Computers & Security*, 108(??):Article 102344, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001681>.

Tok:2021:SAS

- [TD21] Mevlut Serkan Tok and Mehmet Demirci. Security analysis of SDN controller-based DHCP services and attack mitigation with DHCPguard. *Computers & Security*, 109(??):Article 102394, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002182>.

Topping:2021:BSB

- [TDM⁺21] Colin Topping, Andrew Dwyer, Ola Michalec, Barnaby Craggs, and Awais Rashid. Beware suppliers bearing gifts!: Analysing coverage of supply chain cyber security in critical national infrastructure sectorial and cross-sectorial frameworks. *Computers & Security*, 108(??):Article 102324,

September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001486>.

Tekerek:2021:NAW

- [Tek21] Adem Tekerek. A novel architecture for web-based attack detection using convolutional neural network. *Computers & Security*, 100(?):Article 102096, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303692>.

Tolah:2021:EAI

- [TFP21] Alaa Tolah, Steven M. Furnell, and Maria Papadaki. An empirical analysis of the information security culture key factors framework. *Computers & Security*, 108(?):Article 102354, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001784>.

Thomas:2022:FDP

- [TGOF22] Louise Thomas, Iqbal Gondal, Taiwo Oseni, and Selena (Sally) Firmin. A framework for data privacy and security accountability in data breach communications. *Computers & Security*, 116(?):Article 102657, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000566>.

Tripathi:2021:PTS

- [TH21] Nikhil Tripathi and Neminath Hubballi. Preventing time synchronization in NTP broadcast mode. *Computers & Security*, 102(?):Article 102135, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304089>.

Tian:2020:CDI

- [TJ20] Junfeng Tian and Xuan Jing. Cloud data integrity verification scheme for associated tags. *Computers & Security*, 95(?):Article 101847, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S0167404820301206>.

Tzvetanov:2020:FLF

- [TK20] Krassimir Tzvetanov and Umit Karabiyik. A first look at forensic analysis of sailfishos. *Computers & Security*, 99(?):Article 102054, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303278>.

Thangavelu:2021:ICI

- [TKS21] Manisekaran Thangavelu, Venkataraghavan Krishnaswamy, and Mayank Sharma. Impact of comprehensive information security awareness and cognitive characteristics on security incident management — an empirical study. *Computers & Security*, 109(?):Article 102401, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100225X>.

Tran:2020:LPP

- [TLKK20] Ngoc Hong Tran, Nhien-An Le-Khac, and M-Tahar Kechadi. Lightweight privacy-preserving data classification. *Computers & Security*, 97(?):Article 101835, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301085>.

Tariq:2020:CAC

- [TLKW20] Shahroz Tariq, Sangyup Lee, Huy Kang Kim, and Simon S. Woo. CAN-ADF: the controller area network attack detection framework. *Computers & Security*, 94(?):Article 101857, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301292>.

Tian:2021:AFG

- [TLPY21] Yanzhao Tian, Lixiang Li, Haipeng Peng, and Yixian Yang. Achieving flatness: Graph labeling can generate graphical honeywords. *Computers & Security*, 104(?):Article 102212, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-

6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000365>.

Tuan:2022:DCD

- [TLT22] Tong Anh Tuan, Hoang Viet Long, and David Taniar. On detecting and classifying DGA botnets and their families. *Computers & Security*, 113(?):Article 102549, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003734>.

Tang:2020:RIB

- [TML⁺20] Fei Tang, Boyang Ma, Jinku Li, Fengwei Zhang, Jipeng Su, and Jianfeng Ma. RansomSpector: an introspection-based approach to detect crypto ransomware. *Computers & Security*, 97(?):Article 101997, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302704>.

Trang:2021:ERS

- [TN21] Simon Trang and Ilja Nastjuk. Examining the role of stress and information security policy design in information security compliance behaviour: an experimental study of in-task behaviour. *Computers & Security*, 104(?):Article 102222, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000468>.

Tam:2021:GBM

- [TRH21] Tracy Tam, Asha Rao, and Joanne Hall. The good, the bad and the missing: a narrative review of cyber-security implications for australian3 small businesses. *Computers & Security*, 109(?):Article 102385, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002091>.

Tundis:2022:FDM

- [TRM22] Andrea Tundis, Samuel Ruppert, and Max Mühlhäuser. A feature-driven method for automating the assessment of OSINT cyber threat sources. *Computers & Security*, 113(?):Article 102576, February 2022. CODEN

CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).
URL <http://www.sciencedirect.com/science/article/pii/S0167404821004004>.

Torkura:2021:CAT

- [TSCM21] K. A. Torkura, Muhammad I. H. Sukmana, Feng Cheng, and Christoph Meinel. Continuous auditing and threat detection in multi-cloud infrastructure. *Computers & Security*, 102(??):Article 102124, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303977>.

Truong:2021:PPF

- [TSW⁺21] Nguyen Truong, Kai Sun, Siyao Wang, Florian Guitton, and YiKe Guo. Privacy preservation in federated learning: an insightful survey from the GDPR perspective. *Computers & Security*, 110(??):Article 102402, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002261>.

Trnecka:2020:IAR

- [TT20] Martin Trnecka and Marketa Trneckova. An incremental algorithm for the role mining problem. *Computers & Security*, 94(??):Article 101830, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301036>.

Trivedi:2020:NIC

- [TTP20] Amit Kumar Trivedi, Dalton Meitei Thounaojam, and Shyamosree Pal. Non-invertible cancellable fingerprint template for fingerprint biometric. *Computers & Security*, 90(??):Article 101690, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302275>.

Tian:2020:PDF

- [TTRY20] Ke Tian, Gang Tan, Barbara G. Ryder, and Danfeng (Daphne) Yao. Prioritizing data flows and sinks for app security transformation. *Computers & Security*, 92(??):Article 101750, May

2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818306382>.

Torquato:2020:MTD

- [TV20] Matheus Torquato and Marco Vieira. Moving target defense in cloud computing: a systematic mapping study. *Computers & Security*, 92(?):Article 101742, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300286>.

Tian:2020:FGA

- [TW20] Junfeng Tian and Zhidan Wang. Fine-grained assured data deletion scheme based on attribute association. *Computers & Security*, 96(?):Article 101936, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030211X>.

Tian:2021:DIA

- [TWW21] Junfeng Tian, Haoning Wang, and Meng Wang. Data integrity auditing for secure cloud storage using user behavior prediction. *Computers & Security*, 105(?):Article 102245, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000699>.

Tekerek:2022:NMC

- [TY22] Adem Tekerek and Muhammed Mutlu Yapici. A novel malware classification and augmentation model based on convolutional neural network. *Computers & Security*, 112(?):Article 102515, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003394>. ■

Tan:2021:OTS

- [TZZ⁺21] Jinglei Tan, Hengwei Zhang, Hongqi Zhang, Hao Hu, Cheng Lei, and Zhenxiang Qin. Optimal temporospatial strategy selection approach to moving target defense: a FlipIt differential game model. *Computers & Security*, 108(?):Article 102342, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print),

1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001668>.

Ugur:2022:TCD

- [UÇ22] Naciye Güliz Ugur and Kübra Çaliskan. Time for de-cluttering: Digital clutter scaling for individuals and enterprises. *Computers & Security*, 119(?):Article 102751, August 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001468>.

Unal:2021:IFM

- [UHK⁺21] Devrim Unal, Mohammad Hammoudeh, Muhammad Asif Khan, Abdelrahman Abuarqoub, Gregory Epiphaniou, and Ridha Hamila. Integration of federated machine learning and blockchain for the provision of secure big data analytics for Internet of Things. *Computers & Security*, 109(?):Article 102393, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002170>.

Uchendu:2021:DCS

- [UNBF21] Betsy Uchendu, Jason R. C. Nurse, Maria Bada, and Steven Furnell. Developing a cyber security culture: Current practices and future needs. *Computers & Security*, 109(?):Article 102387, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100211X>.

Upadhyay:2020:SSC

- [US20] Darshana Upadhyay and Srinivas Sampalli. SCADA (supervisory control and data acquisition) systems: Vulnerability assessment and security recommendations. *Computers & Security*, 89(?):Article 101666, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302068>.

Uganbayar:2021:OCI

- [UYMM21] Ganbayar Uganbayar, Artsiom Yautsiukhin, Fabio Martinelli, and Fabio Massacci. Optimisation of cyber insur-

ance coverage with selection of cost effective security controls. *Computers & Security*, 101(??):Article 102121, February 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303941>.

Vasan:2020:IBM

- [VAW⁺20] Danish Vasan, Mamoun Alazab, Sobia Wassan, Babak Safaei, and Qin Zheng. Image-based malware classification using ensemble of CNN architectures (IMCEC). *Computers & Security*, 92(??):Article 101748, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030033X>.

VanSlyke:2020:EIH

- [VB20] Craig Van Slyke and France Belanger. Explaining the interactions of humans and artifacts in insider security behaviors: the mangle of practice perspective. *Computers & Security*, 99(??):Article 102064, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303370>.

Varga:2021:CTP

- [VBF21] Stefan Varga, Joel Brynielsson, and Ulrik Franke. Cyber-threat perception and risk management in the Swedish financial sector. *Computers & Security*, 105(??):Article 102239, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000638>.

VandenBroeck:2022:FSP

- [VCD22] Jens Van den Broeck, Bart Coppens, and Bjorn De Sutter. Flexible software protection. *Computers & Security*, 116(??):Article 102636, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000359>.

vanDam:2022:HPL

- [vDK22] Gijs van Dam and Rabiah Abdul Kadir. Hiding payments in lightning network with approximate differentially private pay-

ment channels. *Computers & Security*, 115(??):Article 102623, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000220>.

vanderKleij:2022:DDS

- [vdKSCY22] Rick van der Kleij, Jan Maarten Schraagen, Beatrice Cadet, and Heather Young. Developing decision support for cybersecurity threat and incident managers. *Computers & Security*, 113(??):Article 102535, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100359X>.

vanderKleij:2020:AET

- [vdKWH20] Rick van der Kleij, Remco Wijn, and Tineke Hof. An application and empirical test of the capability opportunity motivation-behaviour model to data leakage prevention in financial organizations. *Computers & Security*, 97(??):Article 101970, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302431>.

vanderSchyff:2021:MEI

- [vdSF21] Karl van der Schyff and Stephen Flowerday. Mediating effects of information security awareness. *Computers & Security*, 106(??):Article 102313, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001371>.

vanderSchyff:2020:DSM

- [vdSFF20a] Karl van der Schyff, Stephen Flowerday, and Steven Furnell. Duplicitous social media and data surveillance: an evaluation of privacy risk. *Computers & Security*, 94(??):Article 101822, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300961>.

vanderSchyff:2020:PRU

- [vdSFF20b] Karl van der Schyff, Stephen Flowerday, and Steven Furnell. Privacy risk and the use of Facebook apps: a

gender-focused vulnerability assessment. *Computers & Security*, 96(??):Article 101866, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301383>.

Vrhovec:2021:RTA

- [VM21] Simon Vrhovec and Anze Mihelic. Redefining threat appraisals of organizational insiders and exploring the moderating role of fear in cyberattack protection motivation. *Computers & Security*, 106(??):Article 102309, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001334>.

Verma:2020:MMC

- [VMS20] Vinita Verma, Sunil K. Muttoo, and V. B. Singh. Multi-class malware classification via first- and second-order texture statistics. *Computers & Security*, 97(??):Article 101895, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301681>.

Vakilinia:2020:VMP

- [VS20] Iman Vakilinia and Shamik Sengupta. Vulnerability market as a public-good auction with privacy preservation. *Computers & Security*, 93(??):Article 101807, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300924>.

Vadillo:2022:HEU

- [VS22] Jon Vadillo and Roberto Santana. On the human evaluation of universal audio adversarial perturbations. *Computers & Security*, 112(??):Article 102495, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003199>.

vanSchaik:2020:RAA

- [vSRW⁺20] Paul van Schaik, Karen Renaud, Christopher Wilson, Jurjen Jansen, and Joseph Onibokun. Risk as affect:

the affect heuristic in cybersecurity. *Computers & Security*, 90(??):Article 101651, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819301956>.

Vu:2022:PPN

- [Vu22] Duy-Hien Vu. Privacy-preserving Naive Bayes classification in semi-fully distributed data model. *Computers & Security*, 115(??):Article 102630, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000293>.

Wang:2021:DWC

- [Wan21] Qinghua Wang. Defending wireless communication against eavesdropping attacks using secret spreading codes and artificial interference. *Computers & Security*, 103(??):Article 102175, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030448X>.

Woods:2022:CC

- [WB22] Daniel W. Woods and Rainer Böhme. The commodification of consent. *Computers & Security*, 115(??):Article 102605, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000049>.

Williams:2020:VAP

- [WBN⁺20] Mark A. Williams, Roberto Camacho Barranco, Sheikh Motahar Naim, Sumi Dey, M. Shahriar Hossain, and Monika Akbar. A vulnerability analysis and prediction framework. *Computers & Security*, 92(??):Article 101751, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300353>.

Waraga:2020:DIA

- [WBNT20] Omnia Abu Waraga, Meriem Bettayeb, Qassim Nasir, and Manar Abu Talib. Design and implementation of automated IoT security testbed. *Computers & Security*, 88(??):Article 101648, January 2020. CODEN

CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819301920>.

Westland:2020:ICS

- [Wes20] J. Christopher Westland. The information content of Sarbanes–Oxley in predicting security breaches. *Computers & Security*, 90(?):Article 101687, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818302128>.

Wang:2022:MLE

- [WFT22] Zihao Wang, Kar Wai Fok, and Vrizlynn L. L. Thing. Machine learning for encrypted malicious traffic detection: Approaches, datasets and comparative study. *Computers & Security*, 113(?):Article 102542, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003667>.

Wu:2020:MMC

- [WFY⁺20] Zhijun Wu, Wenzhi Feng, Meng Yue, Xinran Xu, and Liang Liu. Mitigation measures of collusive interest flooding attacks in named data networking. *Computers & Security*, 97(?):Article 101971, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302443>.

Wang:2021:EZT

- [WHPL21] Leran Wang, Md Shafaeat Hossain, Joshua Pulfrey, and Lisa Lancor. The effectiveness of zoom touchscreen gestures for authentication and identification and its changes over time. *Computers & Security*, 111(?):Article 102462, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002868>.

Wang:2022:RLB

- [WJT⁺22] Wei Wang, Songlei Jian, Yusong Tan, Qingbo Wu, and Chenlin Huang. Representation learning-based network intrusion detection system by capturing explicit and implicit feature

interactions. *Computers & Security*, 112(??):Article 102537, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003618>.

Wang:2020:PSP

- [WK20] Nana Wang and Mohan S. Kankanhalli. Protecting sensitive place visits in privacy-preserving trajectory publishing. *Computers & Security*, 97(??):Article 101949, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030225X>.

Wang:2020:SID

- [WLC⁺20] Ye Wang, Qingbao Li, Zhifeng Chen, Ping Zhang, and Guimin Zhang. Shapeshifter: Intelligence-driven data plane randomization resilient to data-oriented programming attacks. *Computers & Security*, 89(??):Article 101679, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302196>.

Wang:2021:IDM

- [WLHC21] Zhendong Wang, Yaodi Liu, Daojing He, and Sammy Chan. Intrusion detection methods based on integrated deep learning model. *Computers & Security*, 103(??):Article 102177, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000018>.

Wang:2022:TTA

- [WLLS22] Jincheng Wang, Zhuohua Li, John C. S. Lui, and Mingshen Sun. Topology-theoretic approach to address attribute linkage attacks in differential privacy. *Computers & Security*, 113(??):Article 102552, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100376X>.

Wang:2020:DMB

- [WLQ20] Meng Wang, Yiqin Lu, and Jiancheng Qin. A dynamic MLP-based DDoS attack detection method using feature selection and feedback. *Computers & Security*, 88(??):Article 101645,

January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301890>.

Wiley:2020:MTI

- [WMC20] Ashleigh Wiley, Agata McCormac, and Dragana Calic. More than the individual: Examining the relationship between culture and information security awareness. *Computers & Security*, 88(?):Article 101640, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819301841>.

Wang:2020:BNA

- [WNF20] Jiali Wang, Martin Neil, and Norman Fenton. A Bayesian network approach for cybersecurity risk assessment implementing and extending the FAIR model. *Computers & Security*, 89(?):Article 101659, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819300604>.

Wajdi:2020:AED

- [WNI20] Moussa Wajdi, Bastya Nadia, and Ghazouani Ines. Asymmetric effect and dynamic relationships over the cryptocurrencies market. *Computers & Security*, 96(?):Article 101860, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301322>.

Wu:2021:SPS

- [WP21] Yu Wu and Li Pan. SG-PAC: a stochastic game approach to generate personal privacy paradox access-control policies in social networks. *Computers & Security*, 102(?):Article 102157, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304302>. ■

Wongwiwatchai:2020:DPI

- [WPS20] Nattanon Wongwiwatchai, Phannawhat Pongkham, and Kunwadee Sripanidkulchai. Detecting personally identifiable information transmission in Android applications

using light-weight static analysis. *Computers & Security*, 99(??):Article 102011, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302844>.

Wasko:2021:UAR

- [WRG⁺21] Shannon Wasko, Rebecca E. Rhodes, Megan Goforth, Nathan Bos, Hannah P. Cowley, Gerald Matthews, Alice Leung, Satish Iyengar, and Jonathon Kopecky. Using alternate reality games to find a needle in a haystack: an approach for testing insider threat detection methods. *Computers & Security*, 107(??):Article 102314, August 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001383>.

Wu:2021:TMO

- [WS21] Jianyuan Wu and Wei Sun. Towards multi-operation image anti-forensics with generative adversarial networks. *Computers & Security*, 100(??):Article 102083, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303564>.

Wang:2020:PXR

- [WSC⁺20] Eric Ke Wang, RuiPei Sun, Chien-Ming Chen, Zuodong Liang, Saru Kumari, and Muhammad Khurram Khan. Proof of X-repute blockchain consensus protocol for IoT systems. *Computers & Security*, 95(??):Article 101871, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301449>.

Wu:2022:ALF

- [WTC⁺22] Jianyuan Wu, Tianyao Tong, Yifang Chen, Xiangui Kang, and Wei Sun. An adversarial learning framework with cross-domain loss for median filtered image restoration and anti-forensics. *Computers & Security*, 112(??):Article 102497, January 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003217>.

Wang:2021:MFP

- [WTL⁺21] Wei Wang, Jing Tian, Fang Lv, Guodong Xin, Yingfan Ma, and Bailing Wang. Mining frequent pyramid patterns from time series transaction data with custom constraints. *Computers & Security*, 100(??):Article 102088, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303618>.

Wang:2021:NFS

- [WTW21] Peng Wang, Zhijie Tang, and Junfeng Wang. A novel few-shot malware classification approach for unknown family recognition with multi-prototype modeling. *Computers & Security*, 106(??):Article 102273, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000973>.

Wang:2022:PPM

- [WTX⁺22] Chenguang Wang, Zhu Tianqing, Ping Xiong, Wei Ren, and Kim-Kwang Raymond Choo. A privacy preservation method for multiple-source unstructured data in online social networks. *Computers & Security*, 113(??):Article 102574, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003989>.

Wang:2022:OSS

- [WWH⁺22] Bo Wang, Yue Wang, Jiayao Hou, Yi Li, and Yanqing Guo. Open-set source camera identification based on envelope of data clustering optimization (EDCO). *Computers & Security*, 113(??):Article 102571, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003953>.

Wu:2022:JPS

- [WWW⁺22] Songyun Wu, Bo Wang, Zhiliang Wang, Shuhan Fan, Jiahai Yang, and Jia Li. Joint prediction on security event and time interval through deep learning. *Computers & Security*, 117(??):Article 102696, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (elec-

tronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000943>.

Wang:2022:BBA

- [WYW⁺22] Qihua Wang, Hui Yang, Guohua Wu, Kim-Kwang Raymond Choo, Zheng Zhang, Gongxun Miao, and Yizhi Ren. Black-box adversarial attacks on XSS attack detection model. *Computers & Security*, 113(?):Article 102554, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003783>.

Wang:2020:PPH

- [WZCP20] Rong Wang, Yan Zhu, Chin-Chen Chang, and Qiang Peng. Privacy-preserving high-dimensional data publishing for classification. *Computers & Security*, 93(?):Article 101785, June 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300705>.

Wang:2022:TAE

- [WZZ⁺22] Zhen Wang, Yitao Zheng, Hai Zhu, Chang Yang, and Tianyi Chen. Transferable adversarial examples can efficiently fool topic models. *Computers & Security*, 118(?):Article 102749, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001444>.

Wang:2020:USF

- [WZZW20] Ding Wang, Xizhe Zhang, Zijian Zhang, and Ping Wang. Understanding security failures of multi-factor authentication schemes for multi-server environments. *Computers & Security*, 88(?):Article 101619, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S016740481930166X>.

Xia:2021:BAR

- [XCSZ21] Yusheng Xia, Rongmao Chen, Jinshu Su, and Hongcheng Zou. Balancing anonymity and resilience in anonymous communication networks. *Computers & Security*, 101(?):Article 102106, February 2021. CODEN CPSEDU. ISSN

0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303795>.

Xu:2021:PMN

- [XFY21] Zhifeng Xu, Xianjin Fang, and Gaoming Yang. Malbert: a novel pre-training method for malware detection. *Computers & Security*, 111(??):Article 102458, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002820>.

Xiang:2020:DMA

- [XGL20] Zongyuan Xiang, Dong Guo, and Qiang Li. Detecting mobile advanced persistent threats based on large-scale DNS logs. *Computers & Security*, 96(??):Article 101933, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302091>.

Xu:2020:ESD

- [XGS+20] Guangquan Xu, Bingjiang Guo, Chunhua Su, Xi Zheng, Kaitai Liang, Duncan S. Wong, and Hao Wang. Am I eclipsed? A smart detector of eclipse attacks for Ethereum. *Computers & Security*, 88(??):Article 101604, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404818313798>.

Xiao:2021:IBM

- [XGS+21] Mao Xiao, Chun Guo, Guowei Shen, Yunhe Cui, and Chaohui Jiang. Image-based malware classification using section distribution information. *Computers & Security*, 110(??):Article 102420, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002443>.

Xu:2021:DTR

- [XHB+21] Guangwei Xu, Songhua Han, Yanke Bai, Xiangyang Feng, and Yanglan Gan. Data tag replacement algorithm for data integrity verification in cloud storage. *Computers & Security*, 103(??):Article 102205, April 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S0167404821000298>.

Xia:2020:DMC

- [XHTZ20] Chang Xia, Jingyu Hua, Wei Tong, and Sheng Zhong. Distributed K -means clustering guaranteeing local differential privacy. *Computers & Security*, 90(??):Article 101699, March 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302366>.

Xue:2022:PRP

- [XHW⁺22] Mingfu Xue, Can He, Yinghao Wu, Shichang Sun, Yushu Zhang, Jian Wang, and Weiqiang Liu. PTB: Robust physical backdoor attacks against deep neural networks in real world. *Computers & Security*, 118(??):Article 102726, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001213>.

Xue:2020:LLO

- [XHWL20] Mingfu Xue, Can He, Jian Wang, and Weiqiang Liu. LOPA: a linear offset based poisoning attack method against adaptive fingerprint authentication system. *Computers & Security*, 99(??):Article 102046, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303199>.

Xie:2020:HMH

- [XLY⁺20] Jiang Xie, Shuhao Li, Xiaochun Yun, Yongzheng Zhang, and Peng Chang. HSTF-Model: an HTTP-based Trojan detection model via the Hierarchical Spatio-temporal Features of Traffics. *Computers & Security*, 96(??):Article 101923, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030198X>.

Xiang:2021:REI

- [XMK21] Zhen Xiang, David J. Miller, and George Kesidis. Reverse engineering imperceptible backdoor attacks on deep neural networks for detection and training set cleansing. *Computers & Security*, 106(??):Article 102280, July 2021. CO-

DEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001048>.

Xu:2020:IEL

- [XW20] Feng Xu and Merrill Warkentin. Integrating elaboration likelihood model and herd theory in information security message persuasiveness. *Computers & Security*, 98(??):Article 102009, November 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302820>.

Xu:2020:PSP

- [XWW⁺20] Lijuan Xu, Bailing Wang, Lianhai Wang, Dawei Zhao, Xiaohui Han, and Shumian Yang. PLC-SEIFF: a programmable logic controller security incident forensics framework based on automatic construction of security constraints. *Computers & Security*, 92(??):Article 101749, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300328>.

Xu:2021:MEA

- [XWY21] Jian Xu, Xuequn Wang, and Lvxin Yan. The moderating effect of abusive supervision on information security policy compliance: Evidence from the hospitality industry. *Computers & Security*, 111(??):Article 102455, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002790>.

Xia:2020:CCE

- [XWZ⁺20] Pengcheng Xia, Haoyu Wang, Bowen Zhang, Ru Ji, Bingyu Gao, Lei Wu, Xiapu Luo, and Guoai Xu. Characterizing cryptocurrency exchange scams. *Computers & Security*, 98(??):Article 101993, November 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302662>.

Xiong:2020:DRP

- [XX20] Wei Xiong and Li Xiong. Data resource protection based on smart contract. *Computers & Security*, 98(??):Article 102004,

November 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302777>.

Xiao:2021:PWD

- [XXZ⁺21] Xi Xiao, Wentao Xiao, Dianyan Zhang, Bin Zhang, Guangwu Hu, Qing Li, and Shutao Xia. Phishing websites detection via CNN and multi-head self-attention on imbalanced datasets. *Computers & Security*, 108(??):Article 102372, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001966>.

Xin:2020:RAS

- [XYH⁺20] Ruishan Xin, Yidong Yuan, Jiaji He, Shuai Zhen, and Yiqiang Zhao. Random active shield generation based on modified artificial fish-swarm algorithm. *Computers & Security*, 88(??):Article 101552, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818312926>.

Yang:2020:HRH

- [Yan20] Bo Yang. A highly-random hopping sequence for jamming-resilient channel rendezvous in distributed cognitive radio networks. *Computers & Security*, 96(??):Article 101809, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818309416>.

Yang:2021:NUG

- [YCCZ21] Rui Yang, Tian-Jie Cao, Xiu-Qing Chen, and Feng-Rong Zhang. A novel and universal GAN-based countermeasure to recover adversarial examples to benign examples. *Computers & Security*, 111(??):Article 102457, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002819>.

Yang:2020:ABS

- [YCMM20] Runkai Yang, Xiaolin Chang, Jelena Misić, and Vojislav B. Misić. Assessing blockchain selfish mining in an imperfect network: Honest and selfish miner views. *Comput-*

ers & Security, 97(?):Article 101956, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302327>.

Yu:2021:AAP

- [YFO⁺21] Lu Yu, Yu Fu, Jonathan Oakley, Oluwakemi Hambolu, and Richard Brooks. On accuracy and anonymity of privacy-preserving negative survey (NS) algorithms. *Computers & Security*, 105(?):Article 102206, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000304>.

Yang:2022:PVL

- [YHZ⁺22] Kunyu Yang, Xuexian Hu, Qihui Zhang, Jianghong Wei, and Wenfen Liu. VAEPass: a lightweight passwords guessing model based on variational auto-encoder. *Computers & Security*, 114(?):Article 102587, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004107>.

Yamin:2022:MEC

- [YK22] Muhammad Mudassar Yamin and Basel Katt. Modeling and executing cyber security exercise scenarios in cyber ranges. *Computers & Security*, 116(?):Article 102635, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000347>.

Yamin:2020:CRS

- [YKG20] Muhammad Mudassar Yamin, Basel Katt, and Vasileios Gkioulos. Cyber ranges and security testbeds: Scenarios, functions, tools and architecture. *Computers & Security*, 88(?):Article 101636, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301804>.

Yamin:2021:SGT

- [YKN21] Muhammad Mudassar Yamin, Basel Katt, and Mariusz Nowostawski. Serious games as a tool to model attack and

defense scenarios for cyber-security exercises. *Computers & Security*, 110(??):Article 102450, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002741>.

Yang:2020:ZKP

- [YL20] Xiaohui Yang and Wenjie Li. A zero-knowledge-proof-based digital identity management scheme in blockchain. *Computers & Security*, 99(??):Article 102050, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303230>.

Yang:2022:SLR

- [YLL⁺22] Zhen Yang, Xiaodong Liu, Tong Li, Di Wu, Jinjiang Wang, Yunwei Zhao, and Han Han. A systematic literature review of methods and datasets for anomaly-based network intrusion detection. *Computers & Security*, 116(??):Article 102675, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000736>.

Yan:2021:HBH

- [YLPZ21] Han Yan, Senlin Luo, Limin Pan, and Yifei Zhang. HAN-BSVD: a hierarchical attention network for binary software vulnerability detection. *Computers & Security*, 108(??):Article 102286, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001103>.

Yin:2020:DSD

- [YLY20] Chunyong Yin, Bo Li, and Zhichao Yin. A distributed sensing data anomaly detection scheme. *Computers & Security*, 97(??):Article 101960, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302364>.

Yin:2021:AEP

- [YLZ⁺21] Fan Yin, Rongxing Lu, Yandong Zheng, Jun Shao, Xue Yang, and Xiaohu Tang. Achieve efficient position-heap-based

privacy-preserving substring-of-keyword query over cloud. *Computers & Security*, 110(?):Article 102432, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100256X>.

Yan:2022:PPH

- [YM22] Xiaobei Yan and Maode Ma. A privacy-preserving handover authentication protocol for a group of MTC devices in 5G networks. *Computers & Security*, 116(?):Article 102601, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004247>.

Yadav:2022:ECN

- [YMR⁺22] Pooja Yadav, Neeraj Menon, Vinayakumar Ravi, Sowmya Vishvanathan, and Tuan D. Pham. EfficientNet convolutional neural networks-based Android malware detection. *Computers & Security*, 115(?):Article 102622, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000219>.

Yuste:2021:ARD

- [YP21] Javier Yuste and Sergio Pastrana. Avaddon ransomware: an in-depth analysis and decryption of infected systems. *Computers & Security*, 109(?):Article 102388, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002121>.

Yazdinejad:2020:PBS

- [YPDC20] Abbas Yazdinejad, Reza M. Parizi, Ali Dehghantanha, and Kim-Kwang Raymond Choo. P4-to-blockchain: a secure blockchain-enabled packet parser for software defined networking. *Computers & Security*, 88(?):Article 101629, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301762>.

Yuste:2022:OCC

- [YPT22] Javier Yuste, Eduardo G. Pardo, and Juan Tapiador. Optimization of code caves in malware binaries to evade ma-

chine learning detectors. *Computers & Security*, 116(??): Article 102643, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000426>. ■

Yasasin:2020:FIS

- [YPWS20] Emrah Yasasin, Julian Prester, Gerit Wagner, and Guido Schryen. Forecasting IT security vulnerabilities — an empirical analysis. *Computers & Security*, 88(??): Article 101610, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S016740481830854X>.

Yu:2022:FDF

- [YS22] Mengran Yu and Shiliang Sun. FE-DaST: Fast and effective data-free substitute training for black-box adversarial attacks. *Computers & Security*, 113(??): Article 102555, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003795>.

Yilmaz:2021:FGC

- [YSM⁺21] Fadi Yilmaz, Meera Sridhar, Abhinav Mohanty, Vasant Tendulkar, and Kevin W. Hamlen. A fine-grained classification and security analysis of web-based virtual machine vulnerabilities. *Computers & Security*, 105(??): Article 102246, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000705>.

Yuan:2021:DLI

- [YW21] Shuhan Yuan and Xintao Wu. Deep learning for insider threat detection: Review, challenges and opportunities. *Computers & Security*, 104(??): Article 102221, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000456>.

Yang:2022:LCB

- [YWK⁺22] Wencheng Yang, Song Wang, James Jin Kang, Michael N. Johnstone, and Aseel Bedari. A linear convolution-based cancelable fingerprint biometric authentication system. *Computers & Security*, 114(??): Article 102583, March 2022. CO-

DEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004065>.

Yuan:2020:BLM

- [YWL+20] Baoguo Yuan, Junfeng Wang, Dong Liu, Wen Guo, Peng Wu, and Xuhua Bao. Byte-level malware classification based on Markov images and deep learning. *Computers & Security*, 92(??):Article 101740, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300262>.

Yeoh:2022:SSC

- [YWPC22] William Yeoh, Shan Wang, Ales Popovic, and Noman H. Chowdhury. A systematic synthesis of critical success factors for cybersecurity. *Computers & Security*, 118(??):Article 102724, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001195>.■

Yu:2022:SBH

- [YWWH22] Lianyi Yu, Qiangjiang Wang, Yan Wo, and Guoqiang Han. Secure biometric hashing against relation-based attacks via maximizing min-entropy. *Computers & Security*, 118(??):Article 102750, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001456>.■

Yao:2020:PPE

- [YWZ20] Yuanfan Yao, Ziyu Wang, and Pan Zhou. Privacy-preserving and energy efficient task offloading for collaborative mobile computing in IoT: an ADMM approach. *Computers & Security*, 96(??):Article 101886, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301590>.

Yang:2020:DBL

- [YZL+20] Liqun Yang, Xiaoming Zhang, Zhi Li, Zhoujun Li, and Yueying He. Detecting bi-level false data injection attack based on time series analysis method in smart grid. *Computers*

Security, 96(?):Article 101899, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301723>.

Yu:2020:UAM

- [YZW+20] Guangsheng Yu, Xuan Zha, Xu Wang, Wei Ni, Kan Yu, J. Andrew Zhang, and Ren Ping Liu. A unified analytical model for proof-of-X schemes. *Computers & Security*, 96(?):Article 101934, September 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302108>.

Zhou:2020:CEM

- [ZCJ+20] Yuyang Zhou, Guang Cheng, Shanqing Jiang, Yuyu Zhao, and Zihan Chen. Cost-effective moving target defense against DDoS attacks using trilateral game and multi-objective Markov decision processes. *Computers & Security*, 97(?):Article 101976, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302492>.

Zhou:2021:SSR

- [ZD21] Quanqiang Zhou and Liangliang Duan. Semi-supervised recommendation attack detection based on co-forest. *Computers & Security*, 109(?):Article 102390, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002145>.

Zhao:2021:PDS

- [ZGM21] Jinxiong Zhao, Sensen Guo, and Dejun Mu. DouBiGRU-A: Software defect detection algorithm based on attention mechanism and double BiGRU. *Computers & Security*, 111(?):Article 102459, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002832>.

Zhou:2021:MSW

- [ZGNZ21] Peng Zhou, Xiaojing Gu, Surya Nepal, and Jianying Zhou. Modeling social worm propagation for advanced persistent threats. *Computers & Security*, 108(?):Article 102321, September 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001450>.

Zhao:2021:RLA

- [ZHJ⁺21] Xu Zhao, Guangqiu Huang, Jin Jiang, Ling Gao, and Maozhen Li. Research on lightweight anomaly detection of multimedia traffic in edge computing. *Computers & Security*, 111(?):Article 102463, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100287X>.

Zhou:2020:CMN

- [ZHL⁺20] Man Zhou, Lansheng Han, Hongwei Lu, Cai Fu, and Dezhi An. Cooperative malicious network behavior recognition algorithm in e-commerce. *Computers & Security*, 95(?):Article 101868, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301401>.

Zhang:2022:AAAY

- [ZHL⁺22] Zhaoxin Zhang, Shize Huang, Xiaowen Liu, Bingjie Zhang, and Decun Dong. Adversarial attacks on YOLACT instance segmentation. *Computers & Security*, 116(?):Article 102682, May 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000803>.

Zhu:2022:FSM

- [ZJJS⁺22] Jinting Zhu, Julian Jang-Jaccard, Amardeep Singh, Ian Welch, Harith AI-Sahaf, and Seyit Camtepe. A few-shot meta-learning based Siamese neural network using entropy features for ransomware classification. *Computers & Security*, 117(?):Article 102691, June 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482200089X>.

Zhang:2020:ABL

- [ZJL⁺20] Wenjing Zhang, Bo Jiang, Ming Li, Ravi Tandon, Qiao Liu, and Hui Li. Aggregation-based location privacy: an information theoretic approach. *Computers & Security*, 97(?):Article 101953, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820302297>.

Zhang:2021:DSA

- [ZLCA21] Xiaolu Zhang, Charles Zhechao Liu, Kim-Kwang Raymond Choo, and Jesus A. Alvarado. A design science approach to developing an integrated mobile app forensic framework. *Computers & Security*, 105(?):Article 102226, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100050X>.

Zhang:2020:MID

- [ZLF⁺20] Jianwu Zhang, Yu Ling, Xingbing Fu, Xiongkun Yang, Gang Xiong, and Rui Zhang. Model of the intrusion detection system based on the integration of spatial-temporal features. *Computers & Security*, 89(?):Article 101681, February 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819302214>.

Zhan:2020:NNS

- [ZLY⁺20] Mengqi Zhan, Yang Li, Xinghua Yang, Wenjing Cui, and Yulin Fan. NSAPs: a novel scheme for network security state assessment and attack prediction. *Computers & Security*, 99(?):Article 102031, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303047>.

Zhao:2021:APC

- [ZLY⁺21] Jun Zhao, Xudong Liu, Qiben Yan, Bo Li, Minglai Shao, Hao Peng, and Lichao Sun. Automatically predicting cyber attack preference with attributed heterogeneous attention networks and transductive learning. *Computers*

E Security, 102(?):Article 102152, March 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820304259>.

Zheng:2022:TDA

- [ZLZC22] Tengfei Zheng, Yuchuan Luo, Tongqing Zhou, and Zhiping Cai. Towards differential access control and privacy-preserving for secure media data sharing in the cloud. *Computers & Security*, 113(?):Article 102553, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003771>.

Zhang:2020:FEA

- [ZM20] Lyuye Zhang and Maode Ma. FKR: an efficient authentication scheme for IEEE 802.11ah networks. *Computers & Security*, 88(?):Article 101633, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818313373>.

Zhang:2021:EHA

- [ZMQ21] Lyuye Zhang, Maode Ma, and Yue Qiu. An enhanced handover authentication solution for 6LoWPAN networks. *Computers & Security*, 109(?):Article 102373, October 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001978>.

Zhang:2021:DPG

- [ZNF21] Sen Zhang, Weiwei Ni, and Nan Fu. Differentially private graph publishing with degree distribution preservation. *Computers & Security*, 106(?):Article 102285, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001097>.

Zhao:2020:PPS

- [ZNL⁺20] Yi Zhao, Jianting Ning, Kaitai Liang, Yanqi Zhao, Liquan Chen, and Bo Yang. Privacy preserving search services against online attack. *Computers & Security*, 95(?):Article 101836, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print),

1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301097>.

Zago:2020:UDP

- [ZPP20] Mattia Zago, Manuel Gil Pérez, and Gregorio Martínez Pérez. UMUDGA: a dataset for profiling DGA-based botnet. *Computers & Security*, 92(??):Article 101719, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300067>.

Zhang:2020:AKC

- [ZQMC20] Qiang Zhang, Jianzhong Qiao, Qingyang Meng, and Yu Chen. Automatic kernel code synthesis and verification. *Computers & Security*, 91(??):Article 101733, April 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300201>.

Zola:2022:NTA

- [ZSGB⁺22] F. Zola, L. Segurola-Gil, J. L. Bruse, M. Galar, and R. Orduna-Urrutia. Network traffic analysis through node behaviour classification: a graph-based approach with temporal dissection and data-level preprocessing. *Computers & Security*, 115(??):Article 102632, April 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822000311>.

Zibak:2021:SMC

- [ZSS21] Adam Zibak, Clemens Sauerwein, and Andrew Simpson. A success model for cyber threat intelligence management platforms. *Computers & Security*, 111(??):Article 102466, December 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482100290X>.

Zhang:2021:TDD

- [ZT21] Li Zhang and Vrizzlynn. L. L. Thing. Three decades of deception techniques in active cyber defense — retrospect and outlook. *Computers & Security*, 106(??):Article 102288, July 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-

6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821001127>.

Zhang:2021:EAT

- [ZTD21] Jie Zhang, Cong Tian, and Zhenhua Duan. An efficient approach for taint analysis of Android applications. *Computers & Security*, 104(??):Article 102161, May 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030434X>.

Zulfiqar:2021:EEB

- [ZTJ⁺21] Maryam Zulfiqar, Filza Tariq, Muhammad Umar Janjua, Adnan Noor Mian, Adnan Qayyum, Junaid Qadir, Falak Sher, and Muhammad Hassan. EthReview: an Ethereum-based product review system for mitigating rating frauds. *Computers & Security*, 100(??):Article 102094, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303679>.

Zhao:2020:CTC

- [ZTY⁺20a] Yujie Zhao, Zhanyong Tang, Guixin Ye, Dongxu Peng, Dingyi Fang, Xiaojiang Chen, and Zheng Wang. Compile-time code virtualization for Android applications. *Computers & Security*, 94(??):Article 101821, July 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300936>.

Zhao:2020:SAO

- [ZTY⁺20b] Yujie Zhao, Zhanyong Tang, Guixin Ye, Dongxu Peng, Dingyi Fang, Xiaojiang Chen, and Zheng Wang. Semantics-aware obfuscation scheme prediction for binary. *Computers & Security*, 99(??):Article 102072, December 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S016740482030345X>.

Zhang:2021:SCI

- [ZWW⁺21] Guowen Zhang, Bo Wang, Fei Wei, Kaize Shi, Yue Wang, Xue Sui, and Meineng Zhu. Source camera identification for re-compressed images: a model perspective based on tri-transfer

learning. *Computers & Security*, 100(??):Article 102076, January 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820303497>.

Zheng:2020:OFB

- [ZWX⁺20] Haibin Zheng, Qianhong Wu, Jan Xie, Zhenyu Guan, Bo Qin, and Zhiqiang Gu. An organization-friendly blockchain system. *Computers & Security*, 88(??):Article 101598, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404818314111>.

Zhang:2020:EPP

- [ZXZ⁺20] Chuan Zhang, Chang Xu, Liehuang Zhu, Yanwei Li, Can Zhang, and Huishu Wu. An efficient and privacy-preserving truth discovery scheme in crowdsensing applications. *Computers & Security*, 97(??):Article 101848, October 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301218>.

Zhijun:2021:BDP

- [ZY21] Wu Zhijun and Yang Yiming. BD-D1Sec: Protocol of security authentication for BeiDou D1 civil navigation message based on certificateless signature. *Computers & Security*, 105(??):Article 102251, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000754>.

Zhang:2021:SLS

- [ZYH⁺21] Haikuo Zhang, Jueyu Ye, Weihong Hu, Qian Wang, Xiali Yan, Qiaoli Yue, Wanbo Lv, Ming He, and Jue Wang. Study on the latent state of Kaminsky-style DNS cache poisoning: Modeling and empirical analysis. *Computers & Security*, 110(??):Article 102445, November 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821002698>.

Zhang:2022:CCL

- [ZYH⁺22] Zongyang Zhang, Jiayuan Yin, Bin Hu, Ting Gao, Weihai Li, Qianhong Wu, and Jianwei Liu. CLTracer: a cross-ledger tracing framework based on address relationships. *Computers & Security*, 113(?):Article 102558, February 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003825>.

Zhao:2020:TAE

- [ZYL⁺20] Jun Zhao, Qiben Yan, Jianxin Li, Minglai Shao, Zuti He, and Bo Li. TIMiner: Automatically extracting and analyzing categorized cyber threat intelligence from social data. *Computers & Security*, 95(?):Article 101867, August 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820301395>.

Zheng:2022:PHC

- [ZYL⁺22] Faan Zheng, Qiao Yan, Victor C. M. Leung, F. Richard Yu, and Zhong Ming. HDP-CNN: Highway deep pyramid convolution neural network combining word-level and character-level representations for phishing website detection. *Computers & Security*, 114(?):Article 102584, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821004077>.

Zhu:2022:DPH

- [ZYPT22] Hui Zhu, Fan Yin, Shuangrong Peng, and Xiaohu Tang. Differentially private hierarchical tree with high efficiency. *Computers & Security*, 118(?):Article 102727, July 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404822001225>.

Zuzcak:2020:ESA

- [ZZ20] Matej Zuzcák and Milan Zenka. Expert system assessing threat level of attacks on a hybrid SSH honeynet. *Computers & Security*, 92(?):Article 101784, May 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404820300699>.

Zhou:2020:PPP

- [ZZCD20] Jun Zhou, Meng Zheng, Zhenfu Cao, and Xiaolei Dong. PVIDM: Privacy-preserving verifiable shape context based image denoising and matching with efficient outsourcing in the malicious setting. *Computers & Security*, 88(??):Article 101631, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0167404819301786>.

Zhu:2020:DBA

- [ZZJC20] Xiaodong Zhu, Yi Zhang, Liehui Jiang, and Rui Chang. Determining the base address of MIPS firmware based on absolute address statistics and string reference matching. *Computers & Security*, 88(??):Article 101504, January 2020. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404819300860>.

Zheng:2022:APM

- [ZZL+22] Zhangqi Zheng, Bing Zhang, Yongshan Liu, Jiadong Ren, Xuyang Zhao, and Qian Wang. An approach for predicting multiple-type overflow vulnerabilities based on combination features and a time series neural network algorithm. *Computers & Security*, 114(??):Article 102572, March 2022. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821003965>.

Zhang:2021:RAT

- [ZZW+21] Lejun Zhang, Yanfei Zou, Weizheng Wang, Zilong Jin, Yansen Su, and Huiling Chen. Resource allocation and trust computing for blockchain-enabled edge computing system. *Computers & Security*, 105(??):Article 102249, June 2021. CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000730>.

Zhou:2021:DMS

- [ZZWF21] Peng Zhou, Gongyan Zhou, Dakui Wu, and Minrui Fei. Detecting multi-stage attacks using sequence-to-sequence model. *Computers & Security*, 105(??):Article 102203, June 2021.

CODEN CPSEDU. ISSN 0167-4048 (print), 1872-6208 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0167404821000274>.