A Complete Bibliography of Publications in the *Journal of Systems and Software* (2020–2029)

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**Title word cross-reference**

\[ k \] [LMVRA+20].

\[ \text{nearest} \] [LMVRA+20].

161 [NBGC20a].  \[ 19 \]  
[GMCA21, STM+22, Tok22].

2018 [EHB21].  \[ 2020 \]  
[Ano20a, Ano20b, Ano20c, Ano20p, Ano20q, Ano20s, Ano20r, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x].

2021 [Ano21a, Ano21b, Ano21c, Ano21q, Ano21r, Ano21t, Ano21s, Ano21u, Ano21v, Ano21w, Ano21x, Ano21y, Ano21z].  \[ 2022 \]  
[Ano22a, Ano22b, Ano22m, Ano22n, Ano22p, Ano22o, Ano22q, Ano22r, Ano22s, Ano22t].

25012 [GRV+21].

3 [RSL+21].

5 [GKAHMO22].

61131 [RSL+21].  \[ 61131-3 \] [RSL+21].

abstract [KKE21, PSZ21].  \[ \text{abstracted} \] [YML+22].  \[ \text{abstracts} \] [AGL21].

academia [WSL+20].  \[ \text{academic} \]  
[FDsn+20, WCH+22].  \[ \text{acceptance} \]  
[Bat20, LNST21].  \[ \text{access} \]  
[LSB+22, SLL20, SHWR22, SV20, WCH+22].

\[ \text{Accessibility} \]  
[LSFE21, PFDmf21, ZFC+22].

\[ \text{ACCORDANT} \] [CVC21].  \[ \text{accuracy} \]  
[HELW20].  \[ \text{accurate} \] [KDB+21, KGL+22].


Algorithm [MLPC20, FR20, SVVD21, XBS21, YLV+21, YZS22, YDP22]. algorithms [AA22, EM20]. aligned [VKJ+21]. alignment [WKF20], allocation [NJF20, Pie20]. AMASS [dVRB21].

analyses [AWM20, SVVD21]. Analysis [EHH21, LHFF22, TPGH20, ACC+20, BSH+20, CFPM+21, CDN21, DD20, ETY+22, GCF22, GCShB20, GFS21, HLL21, HS21, KDB+21, KAA+21, LATV22, LZP+20, LTZ+21, LL21, MVGHTP22, MFBP20, MCSAGB20, PKGA22, SH20, SCN+21, SGG22, WX+20, WR22, ZJXG20, ZGW+20a, ZXW20, dCM+22]. analysis-based [ZJXG20], analytics [Ala21, CVC21, FEBO22]. Analyzing [NLS+20, BPJ+22, HCB+20, MAK+21].


blockchain [LKP+21, VDVC21]. Board
[Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21m, Ano21n, Ano21o, Ano21p, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l].

Boot [MCH22]. both [GFS21]. bots [GDLM21, VCT20]. boundary [ZB22].

bounds [ACG+21]. box [GBSO20, LXLZ20]. BPMN
[CMP+20, CFP+21, DPRD21, VTS22].

Brain [WFR21]. Brazil [LSFE21]. breadth
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[TXW+20, AWHS22, EBAR21, FGG+20, JCNs+22, KCMD21, KGL+22, LSSZ21, NLS+20, PPB20, SK22, TSLHS21, WLC+20, WC+20, ZLS20]. bug-specific [ZLS20].

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[AA22, JZW+21, KZK22, ZKDP22, ZRGJ21]. build [JS22, MAC+21]. Building
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[ADS+22]. call [AGL21]. calls [CBMM20]. Can
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Candidate [AHT+21, SK22]. candidates [NMRSS22]. capability [VML21]. capture
[EMCN+22, JCNS+22]. Capturing
[DBB20, FJvdW20]. care [SK22].

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[AIH20, ASSH22, BRO+22, BFZC21, BMHR21, BDMP21, BGL+20, CQZ+20, ECL+22, FEOB22, GGP21, HG22, HZT+20, KCMD21, LWWY20, MAP+20, MLPC20, MCH22, PN21, SH20, SMB+20, aSLF+22, TST+21a, TST+21b, WR22, YU22, ZFS+22, dTMS21]. cases [MAP+20, NNG21, SKP20].

catalog [DDPT20]. Cataloging [LMGK22].

categorization [NRRS20]. cause
[BSH+20, NLS+20]. causes
[JZW+21, RMT+22, TSP20]. cell [HXJ+20].

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certificate [WXL+20]. certification
[GGP21, GRV+21, dVRB21]. challenge
[GAB20]. Challenges [GCSHB20, MBO+22, BGC20, BGL+22, CDE21, Gir21, KKH+21, LPP20, dPdJF21, SWH+20, VDVC21].

Change [KAA+21, MBP20, JWZM20, LWZ21, NMRS22, OZVRD21]. changed
[JZM21]. Changes [STM+22, LST20].

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[OSJB21, DFD+22, ZKDP22, BJB+21].

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[SHB21]. checking [CMP+20, DSO20, DLBE22, GAL20, DDS+22]. circle
[FEOB22]. CIT [MAC+22]. CIT-daily
[MAC+22]. class [ASSH22, BHHQ+22, LWYW20, RV22, RPL+21]. class-level
[LWYW20, RV22]. classical [QWG22].

classification [AMO21, CTK+20, GDL21, HEL20, KBFM20, NDP+21, NLS+20, OZVRD21, RPL+21, SC22, XTF+21, YLW+21, YSB+21, ZLS+22, ALB20].

classifiers [ZB22]. Classifying
[LFW+22, L2C0]. client [HSBV+22]. clients
[HSBV+22]. Clique [FC20]. Clone
[AS22, LLL+22, MRS20, MRR+20, NMRS22, RSL+21]. cloned [NMRSS22]. clones
[BSSN21, vBD21]. closure [Mas22]. Cloud
[RFB20, TTL20, BFB+21, CNLL20, CDLN21, EM20, GGB20, GTT+20, ISKB20, TGX+22, WZZ21, ZPL21, MH20].

Cloud-integrated [RFB20]. clouds
[CYW21, HSTB21, LLWL22, YZS22]. cluster
[HXJ+20]. Clustering
[TCA22, FR20, MPGB22, XLY+21, YDP22]. clustering-based [XLY+21]. clusters
[SCB22]. CNN [LWP+21]. co
[AA22, IZAD21, JZM21, NMRS22, THB22].
co-change [NMRS22]. co-changed [JZM21]. co-evolutionary [AA22].
Co-Location-Resistant [THB22].
co-occurrence [IZAD21]. Code [CND22, EHB21, LPPG20, SELS21, VBMB20, ZYL +22, ASKS20, ACC +20, AES22, BSGN21, CJZ +20, DN21, HMR21, HS21, HELW20, Hor21, HPZ +20, HHJ +20, HZT +20, JSTW22, KBPMJ20, LLL +22, LNST21, LPW +21, LDT22, MAP +20, MFBP20, MCH22, MLBD21, MRR +20, NAD +20, OEW22, DPDT20, PZDG21, PDDDD20, PCC +20, SAZN22, SRD +21, YU22, ZCLP21, ZSZ +22, ZZP21, vBD21, FAG +20, SWG +20, WUK +21].
Component-based [CCS20, DSO20, Hei20]. components [BMB20, BGL +22, LMZT22]. composite [WZZ21]. composition [CZW20, RFB20, RFB +22].
comprehension [AGL21]. comprehensive [BGC20, XLY +21, YMD21, MCSAGB20].
concerns [BFHC20, LTJ +20]. concrete [KKE21]. concurrency [KZK22].
conditional [ZXW20]. conditions [AHP21].
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confidence-based [BHP +21].
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Constrained [JT20]. construction [MC20, RAGCSS +20, WZC +20].
constructs [PSZ21]. consultation [EKHJ +20]. consumption [DLV +22].
contact [GCF22]. contact-tracing [GCF22].
container [RAGCSS +20].
container-centric [RAGCSS +20].
containers [JRM +22, LWZ21]. content [CA20]. context [FdSN +20, HLL21].
contract-based [NNG21]. contracts
[ACG⁺21, DLV⁺22, LKP⁺21, YML⁺22].

contributions [CND22, SWG⁺20]. control
[ALZ⁺20, CWTL21, HIDT21, KBPMJ20,
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SHWR22]. controlled
[DFB20, KZK22, PSZ21]. controller
[VSTK21]. controllers [NMG⁺20].
Convolutional [NDP⁺21]. cooperation
[CA20]. cooperative [KRS⁺21a, KMS⁺21b].
coordination [RCA⁺22, SM20b]. coping
[TSP20]. correct [SKP20, SAZN22].
correction [LTZ⁺21]. Correctness
[CMP⁺20]. correlates [KMAB20].
correlations [PFW21]. Corrigendum
[NDP⁺21a]. Cost
[SKB20, AHT⁺21, EM20]. cost-effective
[AHT⁺21]. Cost-efficient [ISKF20]. count
[LDH22]. course [EKJI⁺20, YU22].
coursework [EKJI⁺20]. covariate
[NJ20]. cover [BH20]. coverage
[HZT⁺20, MAP⁺20]. COVID
[GMCA21, STM⁺22, Tok22].
COVID-19 [GMCA21, STM⁺22, Tok22].
CPS [BHP⁺21]. CRAN [MCSAGB20].

crashing [ZXY⁺20]. created [FGG⁺20].
creative [DBB20]. Creativity [GMF⁺22].
criteria [ÖS20]. critical
[HDIT21, LLL⁺21, WR22]. cross
[BL21a, BL21b, NRRS20]. cross-platform
[BL21a, BL21b]. CrossRec [NDDD20].
Crowd [THN20, MRA22b, NJ22].
crowd-based [MRA22b]. Crowdsourced
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[BGC⁺20, ILUN21]. CSP [LZP⁺20]. CTL
[ADS⁺22]. cultural [ZLS22]. current
[LLL⁺22, ECMC20]. Custom [RSŁ⁺21].
Custom-tailored [RSŁ⁺21]. cuts [GS21].
CVE [WZC⁺20]. CVE-assisted [WZC⁺20].
Cyber [AAG⁺21, SSZ20, ACD⁺21, BRZ⁺22,
BGM⁺21, BCW21, DSM⁺20, GB⁺20, GCLB22,
GAB20, LTJ⁺20, RATS21, SCN⁺21,
dIVRB21, BJB⁺21, ZKDP22].
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[AAG⁺21, SSZ20, ACD⁺21, BGM⁺21,
BCW21, DSM⁺20, GB⁺20, GCLB22, GAB20,
LTJ⁺20, SCN⁺21, dVRB21, BJB⁺21].
cycle [RK⁺20, RATS21]. cyclic [LHN20].
daily [MAC⁺22, MAC⁺22]. Data
[GRV⁺21, LTZ⁺21, ILY⁺22, MOB⁺22,
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[ALB⁺20, AHP⁺21, BMB⁺20, Tai⁺20, TGG⁺21].
datacenters [AZR⁺21]. datamorphic
[DBZ20]. dataset [FGG⁺20, FVDF⁺21a,
FVDF⁺21b, GDLM⁺21, WUK⁺21, WZC⁺20].
days [DL21]. DBT [WDF⁺22]. debt
[BGMB⁺20, FAG⁺20, IZAD⁺21, KRLS⁺20,
LST⁺20, LBᵀ⁺21, RMT⁺22, TKSC⁺20,
VCL⁺21, VCF⁺22, VHB⁺21, dTMS⁺21]. debts
[YZL⁺22].
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[HH⁺22, HCC⁺22, MHJ⁺22]. decades
[GMF⁺21a, GMF⁺21b]. December
[ANC⁺20, ANC⁺21]. decision
[AKB⁺20, ZXW⁺20]. decisions
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[HSVMB⁺20]. decrease [LST⁺20].
deductive [AHP⁺21]. Deep
[LLL⁺22, CDL⁺21, JZ⁺21, LXY⁺20,
MOB⁺22, SELS⁺20, ZLS⁺20, ZYZZ⁺21,
GTT⁺20, HHJ⁺20]. Defect
[ALB⁺20, ASK⁺20, AKB⁺20, ET⁺21, GS⁺21a,
GS⁺21b, HX⁺20, LMVR⁺20, XL⁺21,
ZJX⁺20, ZSCD⁺22, ZYZZ⁺21]. Defects
[THN⁺20, ALB⁺20, GS⁺21a, GS⁺21b].
definitions [MC⁺20, THG⁺20]. Delay [GS⁺20].
Delphi [ZH⁺21]. density
[HEL⁺20, LMVR⁺20]. dependable
[SJC⁺22]. Dependence [ZYL⁺22, LB⁺22].
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[HG⁺22, LMG⁺22, LB⁺21a, LB⁺21b].
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[AÇ⁺21, AFJ⁺20, KR⁺22, CAF⁺22].
[GBMF^{22}, LWZ^{21}, TGG^{21}]. Effects
[DFB^{20}, JH^{20}, RMT^{+22}, Tsl^{20}, TSP^{20}, VHB^{21}, WLC^{+20}], efficiency
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LSB^{+22}, MWF^{20}, MARR^{22}, MDG^{20},
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WMAL^{21}, WGY^{+20}, KZT^{22}, RFS^{+21}].

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[PPM^{+21}], enhance [XT^{+21}], enhanced
[NDP^{+21}, VTS^{22}, ZYZZ^{21}], enhancement
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[CJZ^{+20}, CDLN^{21}], Ensemble
[dACO^{21}, BKG^{20}]. Enterprise [SVAGB^{20}],

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[JWZM^{20}, ZLS^{20}]. Environment
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[MAK^{+21}]. equivalent [MAK^{+21}]. Era
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[TGG^{21}, Liu^{21}], errors [CKP^{20}], ERTMS
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[GCF^{22}], Evaluating [BHHQ^{+22}, BSDL^{20},
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[AKH^{+22}, CND^{22}, CAT^{21}, GGB^{20},
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[FC^{20}], experimentation [GAB^{20}, SM^{21}],
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[NAZ22, Vog20,CAF22, CKM+20, EFPC21, ZYZZ21, ZB22]. Feature-based
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[Ano20p, Ano21q, Ano22m]. federated
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[TKSC20, DCMR20]. Formal [LZP+20, BGM+21, CFP+21, HIDT21, LM21].
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forum [Pat20]. four [SGV22]. framework
[Ala21, AZ21, AWHS22, BGC20, BBW22, CKM+20, GMS22, GTT+20, GM20, JRM+22, KSG+22, KBPMJ20, MCH22, MN21a, MRR+20, SSS21a, SSS21b, XCH+20, YSB+21]. frameworks
[BCLN21, PPM+21, SBF20]. frequency
[CKM+20, MLBD21]. frequency-inverse
[CKM+20]. fumes [ACG+21]. Function
[SL20, LL21, SSP21, YSB+21].

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[AKBN20, DPRD21]. generated [GGB20].

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[Hor21, SWG+20].

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Gravity [CKM+20]. Ground [GDLM21]. Group [IR21].

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Guest [FBMR20]. Guidance [WR22].

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Implementing [VKJ+21]. Improve [HELW20, SSP21, WC20, dCMM+22].

Improved [SRD+21]. Improvement [TTL20]. Improves [WMLM22].

Improving [ASSH22, LCAC21, ZLS20, SZSV22]. In-breadth [AES22]. In-depth [AES22].

In-situ [VBMB20]. In-the-field [CBMM20]. In-vehicle [GAL20]. Incremental [KDB+21]. Individualism [ZLS22].

Industrial [GRV+21, DSM20, FAAA22, GAB20, KBPMJ20, MAP+20, TST+21a, TST+21b, NSL+21]. Industry [AF22, CJNDZ21, LSFE21, OSJB21, RMT+22, ROL21]. Inefficient [PCC+20].

Inference [GBSO20]. Infinite [VCF22]. Influence [BGMB20, MVGHPT22].

Information [BDLT21, DFB20, Ijb22, LXYL20, MAP+20, RV22, SHWR22, TSP20]. Infrastructure [DDPT20, RAGCSS20]. Infrastructure-agnostic [RAGCSS20].


Integrated [PPMC22, RFB20, RO22].


Inter [GS20]. Inter-Process [GS20]. Interaction [JT20, MAC+22].

Interdisciplinary [VH21]. Interest [dTMS21]. Interface [SWZ+20, ZFC+22]. Interfaces [DPRD21, SZSV22].

Interleavings [KZK22]. Intermittent [SV20]. Interoperability [BGL+20].

Interpretability [ZSCD22]. Intersection [CJNDZ21]. Intervention [IR21].

Introducing [BDMP21]. Introduction
invariants \cite{NHA20}, inverse \cite{CKM20}. Investigating \cite{ET21, JZM21}.

Investigation \cite{GS20, ROL21}, IoT \cite{CAF22, CPD20, KR52, POWHG22, RFB20, SBF20, SMB21, TAF20, VTS22}. IoT-enhanced \cite{VTS22}. ISO \cite{GRV20}. ISO/IEC \cite{GRV20}.

Kulla \cite{VSTK21}. Kromaia \cite{BFZC21}, LSFE21, NdSR \cite{ISCO20, RMOGA20, SHB21}. issues \cite{GBK20, LST20, RMOGA20}, iStar \cite{GAC20}.

January \cite{Ano20r, Ano21r, Ano22r}. Java \cite{CAC20, CA20, DD20, HSVMB20, HG22, HHS20, MREVEA20, MLBD21, SVG22, THG20}. Java-based \cite{SVG22}. Javadoc \cite{ZG20}. JavaScript \cite{ZG20}.

Job \cite{Bat20}. Job-work \cite{Bat20}. jobs \cite{ZPL20}, joint \cite{HPZ20}. Journal \cite{NBGC20a}. judgment \cite{MGSC22}. July \cite{Ano20r, Ano21l, Ano22l}.

Apply to \cite{Ano20r, Ano21l, Ano22l}. June \cite{Ano20r, Ano21l, Ano22l}.

JUnit \cite{GKAHMO22}. Jupiter \cite{GKAHMO22}.

Just \cite{LID22, ZSCD22}. Just-in-time \cite{LID22, ZSCD22}.

K-Clique \cite{FC20}. Kappa \cite{PDGMT20}.

KDM \cite{dSS20}, KDM-represented \cite{dSS20}, kernel \cite{DD20}, key \cite{MAK21, MMB21}. keyword \cite{CZW20}.

kill \cite{ZZP21}. KLEE \cite{ZWY22}.

knowledge \cite{BTX21, FJvdW20, LLL22, LSFE21, NdSR21}. Kotlin \cite{MREVEA20}.

Kromaia \cite{BFZC21}. Kubernetes \cite{VSTK21}.

Kulla \cite{RAGCSS20}.

labels \cite{SJC20}, language \cite{ADG20, AMRS20, BPJ20, BBW22, NRRS20, PSZ21, RPL21}.

languages \cite{BB20, RSL21}. Large \cite{PN21, TPGH20, Bat20, BSDB20, IJP21, KKH21, LST20, MSMB21, PDDD20, QWG22, SJC22, WZC22]. large-scale \cite{Bat20, BSDB20, IJP21, KKH21, LST20, MSMB21, SJC22, WZC22}.

latency \cite{BBF20}, LAURA \cite{TAF20}. layer \cite{CAF22, NBGC20a, NBGC20b}.

layered \cite{BBW22, KL20}.

layout \cite{BHHQ20, CATA21}. layout-based \cite{CATA21}.

Leading \cite{WSL20}.

learning-based \cite{ALZ20, DL22, GRLA20, GB20, PFdMF21, ACC21, AWMW20, BAV20, BBM22, KDM22, Large-scale \cite{BBF20, PCC20}.

learned \cite{BDMP21}.

Leveraging \cite{AFJ20}.

Lexical \cite{CA20, LBG20}.

libraries \cite{NDDD20}.

library \cite{JZW21, SWZ21}.

licensing \cite{PKGA22}.

life \cite{RATS21}.

likely \cite{NHA20}.

Line \cite{KZT20, MRA22, NNG21}.

linear \cite{LLNC21, YLW20}.

lines \cite{AGPR20, POZ20, APAF21}.

linguistic \cite{POZ20}.

POWHG22}.

Link \cite{MLPC20}.

linking \cite{RPR22}.

links \cite{WCH21}.

Literature \cite{PFdMF21, AC21, AWM20, BAV20, DAP20, DN21, DL22, GRLA20, GB20, GAB20, HHT21, MRA22, MWHK20, MRR20, MBB22, MSMB21, PAM21, PDDD20, QWG22, SJC22, WZC22}.

live \cite{CWT21}.

LLVM \cite{ZRG21}.

Load \cite{AFJ20, DTZ22}.

localization \cite{KG20, LWL20, MHH21, TSLH21, XBS21, WZC22}.

locate \cite{PCC20}.

locating \cite{JT20}.

Location \cite{THB22, EFPC21}.

logic \cite{BHP20, BB21}.

Logic-based \cite{BB22}.

logical \cite{KSG20}.

logistics \cite{ZH21, ZH22}.
long [GBT+20, SAZN22]. loop [SCN+21]. LSTM [LZJ20].

Machine
[ILUN21, ALZ+20, BKG20, BRSR21, BK20, BHHQ+22, DL21, DBB20, Gir21, MRR+20, MRM+22, PT21, PSZ21, PDDD20, MQG22, ZGW+20b, ZSB22, DD20, JCSN+22, THB22]. machine-learning [BKG20, PT21].

Machine-learning-based [PDDD20].

Machines [Ihi22], main [SWH+20]. maintained [MCH22]. Maintaining [BGL+20], maintenance [DFB20, HEIL20], malicious [FR20, SJC+22], malware [dCMM+22]. management [AKBN20, AZR+21], GTT+20, MPGB22, MLPC20, MBO+22, NdSR+21, TGG21, TGX+22]. manager [SHA21]. Managing [BBF+21, VSTK21].

Manipulation [EHB21, HS21]. map [CDP22, MGSC22, OEW22]. Mapping
[WL20, AACC21, AGF22, BRS+22, CJNDZ21, FdSN+20, GMF+21b, RGLA20, HATG21, KAA+21, LBMF+22, MSB21, PP22, dPPdJFF21, RATS21, WUK+21, WLMCM22, POZ20]. March
[WBGC20a, Ana20t, Ana21u, Ana22q].

[FC20]. mathematical [MLBD21]. matrix
[RPR22], matter [SM20a, TST+21a, TST+21b]. mature [MSS21]. maturity [WML22]. Maven
[HBSV+22]. Maximizing [MMB22, JS22].

May [Ana20t, Ana21v, Ana22v]. MBSE
[GBT+20, KSG+22]. means [KS20].

measurement [LBMF+22, WFR21].

measures [VML21], mechanisms
[HHK20, NDP+21, TSP20]. mechatronic
[VHB21], meetings [SM20b]. Membership
[LYZ+22]. MeMo [BGE+21]. Memory
[HLL21, LWC20, WDF+22].

mental [BAV20, Tok22]. messages
[PMDN20, TGG21]. messaging [SGG22].

meta [HSVMB20, NdSR+21]. meta-decompilation [HSVMB20].

meta-ethnography [NdSR+21].

metaheuristic [ZYZZ21], metamodels
[NDP+21]. metamorphic
[BGE+21, LLNC21, SG20, aSLF+22, XTF+21, WY+21, YLW+21]. MeTeaM
[MSS21]. method [BKG20, JWWZ20, KR+21a, KR+21b, LW20, LXYL20, LM21, MSS21, NdSR+21, PP20, SAZN22, VJK+21, WZC+20, XBS21, ZCLP21].

method-level [LW20, PP20]. Methodology
[CNdLL20, AAW20, Bat20, CDRV20, WUK+21].

methods [AIH20, HHK20, MRM+21, SM20b, ZH21, ZH22].

metric [WUK+21, XZY+20]. metrics
[EKHJ+20, HJK+21, LMZT22, MSS21, DDPT20, PT21, Pat20]. micro
[CDN+22, SGW+22]. micro-rejuvenation
[CDN+22].

Microservice
[AFJ+20, ACH21, BS+20, CDET22, MPGB22, VSTK21]. microservice-based
[CDET22].

Microservices
[WS20, CJR22, LLS20, LKP+21, NSL+21, PS22, WLS+21, dTMS21].

migrating
[LST20]. migration
[HTB21, YAO+21]. million [HSV+22].

minimal [Mas22]. minimization
[LMVR+20, OS20]. minimum [XCH+20].

Mining
[AG21, BLTX21, GCF22, MLS+21, GGB+22, WMY+22, dCMM+22].

misbehaviour [MRR+22]. mission
[RC+22]. mitigation [WDF+22].

mixed
[SM20b]. mixed-methods
[SM20b].

Mob
[SM21]. mobile
[AF22, CDN+22, DTZ+22, GMS22, LSFE21, LHF+22, NBGC20a, NBGC20b, WLMCM22, ZFC+22]. mobility
[MPGB22]. modal
[CWT21]. Mode)
[CDP22, GKB+21, GAL20, KRS22, POZ20, BBW22, CVS21, CY21, CDET22, DLBE22, GB20, GDL21, HDT21, HCC22, I2K21, KSF20, KRLS+20, NBGC20a, NBGC20b, OZVRD21, RAGCSS+20, SSZ20,


Multi-paradigm [BR5+22]. multi-task [AWHS22]. multi-tier [MPXR20].


Mutation [LATV22, LWL20, TS22, KDB+21, MAK+21, ZZP21]. Mutation-based [LATV22, LWL20]. mutual [IIK21].


nervous [WFR21]. nested [ZGW+20a].


non-descriptive [WC20]. non-functional [BFHC20]. non-security [YU22].

Non-volatile [WDF+22]. NoSQL [ALB20, BM20]. novel [CDVR20, DTZ+22, FGF+20, KTSZ22, LKP+21]. November [AN20a, AN20b].

novice [CKP20, NI21].

obfuscation [FC20]. objective [CYW21, ZPL21]. objectives [BFHC20]. objects [GM20]. observability [LCAC21, ZZP21]. observable [AKBN20].

Observation [LBF+21a, LBF+21b, JS22]. Observation-based [LBF+21a, LBF+21b]. observations [Hei20, LPPG20].

occurrence [IZAD21]. October [AN20a, AN20b, AN20c]. off [FEO22].

OMG [CPD20]. onboard [SM20a].

onboarding [BS20, SS20]. ONE [MSC20]. Online
Only [LDT22], ontology [KL20, LC20], ontology-based [LC20], opaque [FC20], Open [SVAGB20, BMHR21, BGL+20, BGL+22, JCNS+22, LMZT22, NRRS20, PKGA22, THG20, TKSC20, VDVC21, WMLM22, ZKDP22, dVRB21, ROL21].

open-source [JCNS+22, THG20, TKSC20, ZKDP22].

operation [LM21]. Operational [AFJ+20].

operator [KGL+22]. Opportunistic [MSC20]. opportunities [BGC20, GCSHB20]. Optimal [NJE20, BRO+22]. optimising [CndLL20].

optimization [BH20, CYW21, EM20, YDP22, ZRGJ21, ZYYZZ21]. optimize [BFHC20]. organizational [SS20].


erover-reliance [MHJW22]. Overflow [ADG+20, BLTX21, CKP20, GMCA21, TXW+20, ZLS22]. overhead [ZGW+20a].

overhead-aware [ZGW+20a]. overview [GAB20]. own [SM20a].


partitioned [MCM21]. party [NDDD20]. past [ADS+22]. past-CTL [ADS+22]. Path [aSLF+22, ZJXG20, ZYW+22].


power-up [EMCN+22]. PR [GDLM21]. Practical [Ala21, SSP21]. practice [BDMP21, FAG+20, FEOB22, GKB+21, HO22, OZVR21, SM21, FBMR20].


Pre/post-processing [KGL+22]. Precise [ZYL+22, MC20]. precision [SS21].

Predicting [MPRX20, PT21, HCB+20, LMVR+20].

QA [HPZ+20, Pat20]. QMM [FR20].
QMM-VANET [FR20]. QoS [FR20].

qualitative [SGG22, VH20]. Quality [BLTX21, LBME+22, BRO+22, BBND+20, BHHQ+22, CND22, GGP21, GRV+21, KS20, KRLS+20, LNST21, MBO+22, DDPT20, POWG22, PN21, RFB20, WMLM22]. Quantitative [ACPM22, WLMM22, CDRV20].
queueing [LAV22, LHF22]. quick [LL21].
QuixBugs [YMDM21].

R [MCSAG20, Vid22]. Random
real-time [HIDT21, MCA21, RPM+22, YaAO+21].
real-world [MB21]. really [JS22].
reasoning [AHP21]. Recognition [VBMB20, ZLS20]. Recommendation [MB20, LXYL20, WZZ21].

recommending [JZM21, CL20, NDDD20]. Recovery [MLPC20]. Reducing [QWG22].
reduction [ACPM22, SSZ20, LWL20].

Refactoring [AMO21, HMR21, IZAD21, LPPG20, MRS20, PZDG21, SA22, Vog20].
refactorings [PMDN20, PSAB22].
reference [GMFO++21a, GMFO++21b].
refinement [DSO20]. refinements
[HX++20], refusals [LHN20]. Regression
[HZT++20, CQZ++20, LLNC21, MAP++20,
MN21b, SGV22]. reinforcement [YLHZ20].
rejuvenation [CDN++22]. related
[GMCA21, MLBD21]. Relation
[CQZ++20, LGKT22, ZLX++22].
relation-aware [ZLX++22]. Relation-based
[CQZ++20]. relational [TGG21]. relations
[BGE++21, LHN20, XTF++21]. Relationship
[THN20, GFS21]. Release
[THN20, KCMD21]. relevance [VML21].
Reliability [ZXW20, HCC22, LDH22,
LHF22, NJF20, TTL20, WLdCM22].
Reliable [KRSW22]. reliance [MHJW22].
Remodularisation [TCA22]. Remote
[GS20]. removal [IZAD21]. removing
[LDT22]. rename [PMDN20]. repair
[BF22, ETY++22, IKK21, KKE21, LLK++21,
YMDM21]. repar [JZW++21, KKE21].
REPD [ASKS20]. replacement [SM20a].
replication [BEAK21, MH20].
RepliComment [BSGN21]. report
[BB22, FAA22, GKB++21, WZC++20].
reports [JCNS++22, LFH++22, SHB21].
repositories [TKSC20, WCH++22].
representation [JSTW22, ZCLP21].
representations [BAV20]. represented
[dSS++22]. Representing [KSF20]. Request
[FZT++22, LNST21]. requirement
[BRO++22, RPR22]. Requirements
[AGPR20, KKH++21, MLPC20, BMHR21,
DBB20, GBMF22, KSG++22, KL20, LC20,
WKP20, GCLB22]. Research
[FBMR20, AF22, APB20, AGP22, ECMC20,
HATG21, MMB22, POZ20, Pie20].
researcher [RFS++21]. researches
[NdSR++21]. ReSIde [SSS++20]. residence
[XZY++20]. Resistant [THB22]. resolved
[GS21a, GS21b]. resource
[AZR++21, BF22, GTT++20, Pie20, TGX++22].
resources [ZGW++20a, ZPL21]. response
[MFBR20, RK20]. REST [POWGH22].
restoration [XBS21]. result [PPB20].
Results [ZH21, BCF++22, RMT++22].
relinement [BCF++21]. retrieval
[MAP++20, SH20, SRD++21]. retrieve
[GBSO20]. reusability [Pat20]. Reusable
[SSS++20].
Review
[PFdMF21, SBC20, VBMB20, ACCn21,
AWMW20, BRS++22, BAV20, DAP20, DN21,
DL22, DL21, GGB++22, GB20, HH22,
HJK++21, HO22, LPGP20, LLL++22, LBT++21,
LLK++21, MRA++22a, MBB22, MRM++21,
PAM++21, PSAB22, RFB++22, SL20, VDVC21,
WFR21, YSB++21, ZH22, WUK++21].
Reviewer [VBMB20]. reviews
[GCF22, MWFK20, PDGMT20]. reward
[YLHZ20]. rewriting [SK22]. risk
[LW21, TTL20, XCH++20]. risks [BCLN21].
road [GBT++20]. roadmap [POZ20].
roadmapping [BPJ++22]. robotics
[MLS+21]. robots [RCA++22]. Robust
[RFB20, RPR22]. Role [HQR++22,
LSB++22, LWC20, PDDD20, SHA21].
role-based [LSB++22]. roles [OZVRD21].
rooms [SHB21]. root [BSH++20]. router
[SH20]. Roxygen [Vid22]. Run
[SMB++20, ACG++21, ZGW++20a]. Run-time
[SMB++20, ZGW++20a]. Runtime [CWTL21,
ALZ++20, ADS++22, GGB++22, Hei20, MN21a].
SAFE [JS22]. Safety [GCLB22, CDP22,
DL21, KRS++21a, KRS++21b]. sample
[LXLZ20]. samples [MCH22]. sampling
[THB22]. sampling-based [THB22].
sandbox [dCMM++22]. Satisfaction
[KMAB20, LGKT22]. satisfaction
[BFHC20]. Saudi [AF22]. SC4R [TCA22].
Scalability [AF++20, BMHR21]. Scale
[TPGH20, Bar20, BSDB20, BBP21, KKH++21,
LST20, MSMB21, PN21, SJC++22, ZWC++20].
screencasts [MRA22b]. scripts [CATA21]. Scrum [HO22, SWH+20]. SDN [HTB21].
SDN-NFV-enabled [HTB21]. search [BFHC20, CJZ+20, CZ20, EFPC21, EY+22, HPZ+20, WGY+20, ZWY+22].
secure [AZ21]. Security [AAG21, BGM+21, ACC+20, AZ21, CDVR20, GGP21, GB20, GFS21, HCB+20, JRM+22, KL20, LC20, MREVEA+22, NJF20, NSL+21, PSAB22, RCT22, TST+21a, TST+21b, WZC+20, YU22, CDVR20].
Self [AMO21, GMS22, AAW20, AMRS20, APAF21, BFHC20, IZAD21, QW22, RATS21, YZL+22].
self-adaptation [APA21]. Self-adaptive [GMS22, AAW20, AMRS20, BFHC20, QW22, RATS21, YZL+22].
Self-Affirmed [AMO21]. semantic [DAP20, JSTW22, LWP+21, OZVR21, RPR22].
semantic-aware [JSTW22]. Semantics [ZYL+22, CJZ+20, NAD+20]. sensitive [HLL21]. September [Ano20x, Ano21y, Ano21z, Ano22t].
Sequence [JH20, CWTL21]. serverless [ECL+22]. Service [RG+22, SL20, SSS21a, SSS21b, SBC20, ASM+21, BSH+20, CZ20, GMS22, LTZ+21, NK20, RFB20, SSS+20, WZZ21, WGY+20, YSP+21, ZLX+22, ZPL21].
Service-Based [SS21a, SSS21b, WGY+20]. service-oriented [BG+20]. services [EM20]. sessions [EK+20]. set [RO22, XCH+20, AHT+21]. setting [Tok22].
seven [GGP21]. severity [TXW+20].
SEXTAMT [MGSC22]. SGX [Ala21].
shared [LWC20, SV20]. Sharing [GGB+22, LY+22]. Signal [BJB+21].
Signal-Based [BJB+21]. signatures [YML+22]. significant [LST20]. similar [GGB+22, MWY+22]. similar-app [GGB+22].
Similarity [AWM20, NRRS20, RPR22, WGY+20]. Similarity-based [AWM20]. simplier [TAF+20]. Simulated [MSC20].
Simulation [SBC20, GTT+20, RK20]. simulator [MPG22, MSC20]. single [MC20]. sites [HPZ+20, LXYL20, PKGA22].
situ [VBMB20]. situation [TAF+20]. situation-aware [TAF+20]. six [BCF+21].
six-month [BCF+21]. Size [AHT+21].
smell [PDD20, SAZN22, SELS21, TSLH21]. smell-aware [TSLH21]. Smells [PSAB22, HMR21, LPPG20, MSB21, PT21, PFW21].
BGL+20, CAC20, CA20, CKP20, DSM20, ECL+22, FEOB22, GGP21, GMFO+21a, GMFO+21b, GMCA21, HG22, HATG21, IZAD21, KCMD21, KAA+21, LST20, LNST21, LWYVW20, LFH+22, LMZT22, MCZX20, MAP+20, MSB21, OZVRD21, PTW22, PDGMT20, POZ20, PF2W21, PPNI+21, PN21, RATS21, SH20, SMB+20, SM20b, TSLHS21, THG20, TKSC20, VHB21, WUK+21, WMLM22, WLdCM22, WR22, XLY+21, YLHZ20, YMDM21, YU22, ZWY+22, ZGW+20b, ZRGJ21, ZZP21, ZH21, ZLS22, dTMS21, vBD21. Studying [BCF+21, THN20], sub [CMP+20].


sustainable-development [RATS21]. swapping [SSP21]. SWFC [AHT+21].


System [AA221, GGP21, KKH+21, KKL+21, LLST20, NMG+20, SKP20, SH20, TSP20, WFR21, RATS21]. system-level [NMG+20]. Systematic [BAV20, DL22, MR+21, PfDMF21, PDGMT20, WLS20, AAW20, AČCN21, AACC21, AGP22, AMW20, BRS+22, CJNDZ21, DAP20, DN21, FdSN+20, GMFO+21a, GMFO+21b, GRLA20, GB20, HATG21, HH22, HJK+21, HO22, KAA+21, LPPG20, LBT+21, LBFM+22, MRA+22a, MGSC22, MM22, MWF20, MSB21, PPM22, PTW22, PAM+21, dPPdJFF21, RFB+22, RATS21, VDVC21, WUK+21, WFR21, WLdCM22, YLHZ20, ZH22].

Systems [AX21, NBGC20a, SVGB20, AA20, ASM+21, AMRS20, ACD+21, BRS+22, BGM+21, BFHC20, BMHR21, BCW21, CJR22, CCS20, CNdLL20, CWT21, CDET22, CPD20, CDLN21, CDN+22, DL21, DSO20, DMS20, DLBE22, FVD2F21a, FVD2F21b, GB20, GCLB22, GAB20, Gir21, GAL20, HCB+20, HIDT21, IBP21, JCSN+22, LMGK22, LWC20, LHN20, LTJ+20, LCAC21, LSB21, LLK+21, LLZ+22, LLN21, MSMB21, MRPX20, MN21a, MRM+21, MRM+22, NSL+21, OSJB21, PTW22, QWG22, SWH+20, SCN+21, SJC+22, TGG21, VKJ+21, VKLM21, Vog20, WZZ21, WLS+21, WGY+20, WDF+22, YY+21, dSS+22, dVRB21, BJ+21, ZKDP22]. systems-of-systems [HCB+20].


Taxonomy [MREVEA+22, ASM+21, DN21, SCB22, BJB+21]. teams [EMCN+22, MVGHT22, MSS21, MM22].

Technical [TKSC20, BGB20, FAG+20, IZAD21, KRLS+20, LLST20, LBT+21, PT21, RMT+22, VKLM21, VCF22, VHB21, YZL+22, dTMS21]. techniques [BGC20, DL22, JRM+22, SGV22, SSZ20, VDVC21].

technologies [GS20, GMCA21].


tertiary [LPPG20]. Test

Albaghajati:2022:CEG


Arvanitou:2021:SEP


Agh, 2020:RAS

Aghamohammadi, 2020:GSM


Akbarinasaji, 2020:POM


Aagren, 2022:AEC


Alabdulatif, 2021:PHC

Abdulatif Alabdulatif. Practical hybrid

**Agnelo:2020:UOD**


**QLRba**


**Aghayi:2021:CBD**


**Anonymous:2020:An**


**Anonymous:2020:Ab**


**Anonymous:2020:AD**


**Anonymous:2020:EBa**


REFERENCES


Anonymous:2022:Ja


Anonymous:2022:Jc


Anonymous:2022:Jb


Anonymous:2022:Ma


Anonymous:2022:Mb


Anonymous:2022:O


Anonymous:2022:S


Ayala:2021:PPS


Ananjeva:2020:IUW


Alomari:2022:CDT


Afric:2020:RSC

REFERENCES

Sun:2022:PDS

Abdellatif:2021:TSI

Al-Sabbagh:2022:ITC

Aung:2022:MTM

Auch:2020:SBA

Ampatzoglou:2021:SIS

Alvi:2021:SPD

Azizi:2020:SSE
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Baldassarre:2022:ART


Bi:2021:AIC


Brunetto:2021:IAT


Beecham:2021:DSA


Barrak:2021:WDB

REFERENCES

Bowers:2020:PUS

Blasco:2021:EAG

Bhatti:2020:GFO

Blasi:2021:MAI

Butler:2020:MIO

Butler:2022:CCA

Bernardi:2021:SMF
REFERENCES


REFERENCES


Blanco:2021:HA


Bi:2021:MA


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