A Bibliography of Publications about Bitcoin and Digital Cash Systems

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Title word cross-reference

$1.2M$ [McM13]. $10$ [Pop17a]. $100\times$ [CEN14]. $145$ [Cim19]. $190$ [McK19].
$1m$ [Sou13]. $2$ [Goo18]. $28.5$ [Gre13].
$3.3$ [Cim18a]. $37$ [Lee13]. $400$ [Nak18].
$400M$ [Gal18]. $530$
[YWW+18, YWS+18]. $62m$ [Nic17]. $735$
[Osb18b]. $\delta$ [LL17b, LL17c]. $\delta$ [KLR+17a]. $N$ [ZGR17].

-{	extit{Bitcoin}- [BS17a]. -privacy [LL17b, LL17c].

1 [BH15]. 150 [Woo14]. 16th [Ker12]. '17
[ACM17c]. 17th [Sad13]. 18-Month [De18].

2.0 [AMLH18, SI16, Six17b, SALY17, Uli16].

2014 [Uni14]. 20th [GP17b].

34th [OF15]. 3rd [ACM17d].

'83 [CRS83]. 8th [Jue04].

Ability [SGF+17]. Abstract
[BLMR14, DNSY14, Hii14, Hul17]. Abu
[ACM17a, ACM17b, ACM17d]. Abuse
[VBC+17]. Academic [LHZ17, NC17b].
Accelerating [GADO17, SZ13].
acceleration [Dev14]. Access
[DMR17b, HHK18, ISM17, OEO16, OEO17, Cim19, DSN17, SI16]. Account [ZWQ+16].
Accountability
[GP17a, HM16, KAR+15, NSNF17].
Accountable
[BNM+14, VR15, vdHEM+17]. Accounts

Activity-Based [YNS16]. Ad [CGFH16, LMH16]. Ad-hoc [CGFH16, LMH16]. Adaptable [LX17]. Added [WLSZ17]. Adding [DGHK17, Drec17]. Address [EPY17, FPKH17, HM16, NH17, WLY17, Goo18].

Addresses [Cha81, GCL16]. Addressing [DNP17]. Adhocracies [Uli16]. Adjusting [KJ17, KJ18]. admin [Cim19].

administration [AR15]. Adoption [BBBB15, Böhm13, Meil18, SLV17, Str18, WCX16]. Advances [CRS83, OF15].

Advancing [BLBS17]. advantange [PR16]. adversaries [KDF13]. advice [Far18b].


Against [JLG+14, ZP17b, Bee16, EGB18, YSLH17].

Age [Tay13, Fin17b, VC15a]. Agenda [GBK14, CRdK16]. AL [BT18a, DT18]. Air [Rol13]. Aktuelle [Six17a]. Algorithm [DLL97, Pop16a, SYB14, Ste17, Che18, DLL00, HZLH19].

Algorithmic [BT18a, LN15, GS15a]. Algorithms [Bik16, vM18, Fin17b]. Allo [GH17].

Alleged [Gre13]. Almost [Coeo08, IM16]. along [Mei18]. Alternative [Bhe17a, BLNN17b, But13a, GCD16, Gri11, Hil14, Kel15, KH17]. Am [AABM17].

Among [Dre17g, MPJ+13, CK16, MPJ+16]. Amortizable [Bac02b]. Amortizing [KB16]. Amounts [AK14]. Amplifying [ABF16]. Analysis [AS14, AC17, BRS17, BP17a, BP14, Chr13, DNP17, EKK+17, FNP17, HQ15, HJB14, JLG+14, JCG17, KKM14, KKS+17a, KFTS17, KKS+17b, LG15, LBS+15, LKL+14, LSH13, MMR16, MC13, NAH16, Or16, PSS17, Pop16a, RH11, RH13, RS13, Ros11, SJD14, SL18, TSL+17, TOM17, VTM14, ZZ16, ZDL17a, dBHC17, ALML16, Cap15, DMR17a, DMR18, GKL15, GC08, LI14, LZDA16, MM17, NAH15, MLM16, ZDL17b].

Analytical [KK17a, KK17b]. Analytics [BLPB17, BS17a, VMMA17, XAZY17, XAZY18]. Analyzing [DWC+17, FSW14, GDP+17, KLM17, LSO+15, ZPI7a].


Anonymity [BLSD17, BNIM+14, HJ15, JMM14, KKM14, OKH13, RH11, RH13, SMD14, VFV17a, VFV17b, WLY17].

Anonymization [WBK+17]. Anonymizing [DS15, WLS+16]. Anonymous [BSCG+14, BK17c, Chr13, GM17, HBG16, MGGR13, ML14, Muf16, SCG+14, MI11, ZMH+17, ZMH+18].

Answers [Pav18]. Anti [Bra13].


Appetite [Pop18a]. Application [Bik16, But13b, CDD17, DCR+17, GGN16, HG15, OOF+17, DSM+17, GL16, ACW17, WLS17].

Applications [BLNN17a, BLNN17b, CM16, GH05, HLC+17a, Kat16, MGM+17, OF15, VMA17, WDL17, WBI7, CK16, CXLC18, DMH18b, ES16, GKL15, Pi16, WDL+18, XLL+19, ZZ16].

Applied [IKY05]. Apply [Int14]. Approach [CXS+17, DH17, HRF17, KKL17a, LSH13, MMT16b, NSNF17, RAH+15, RFO+18, SCYP17, SOA17, XWL+19, Bar17, FOA17].

approaches [JO13]. Appropriation [KD16]. Approval [AH12]. Approximate
[DDX17, VDK16]. April
[ACM17a, ACM17b, ACM17d, JRB+17, OF15, Sad13, Uni14]. Architectural
[AS14, WLL+13]. Architecture
[AS14, LST+17, RBL+17]. Architectures
[LZC+17, Che18]. Arvind [Ano16b, SM-16]. AS-level [FSW14]. Asia
[ACM17a, ACM17a]. ASIC
[NST+17, NOT15]. Autoregressive [HG15]. Availability
[LST+17, LDH17, JO13, ZLX+17]. available [RST11]. Avoid [KKS+17c]. Avoidance [Hea13]. Awareness [SOA17]. B2C [Blo18]. B3 [Mor17f, Mor17g]. back [Sha17]. Backbone [GKL17, Ler14b, GKL15]. Backed [WB17, GMS17]. Background [HSB18a, HSB18c, HSB18b]. Backpage [PHD+17]. Backward [PZ17b]. Backward-Compatible [PZ17b]. Badger [M+X16]. Balances [AK14]. Balloons [BDOZ11, BDOZ12]. ban [Kel15]. Bank [LP18c, RRD17, Nis16b, Son14]. Banken [KFR17, KFR18, Mö13]. Banking [Eya17, MDAP16, MAP16, PP16, Sch14a, GL16, Ito18]. banknotes [Nis16a]. banks [KFR17, Mö13]. bans [K.13]. Barbados [BBMS14, CN14, CMR+16, GP17b]. Barbara [CRS83]. Based [ARBK17, ABL18, BK17b, BMS17, BK17c, BLNN17b, CR17, CXS+17, DMR17b, DHE16, HS16c, HLC+17a, HTCW17, HTCW18, HLC17c, HRF17, IGRS16, JCHSR16, JL17, KFN+17, KMOD17, KKS+14, KET+17, KUE17, KUE18, KLL+15, LMWL17, LLP17, LZO+17, LKL17, LSH13, ME17, Mer88, Muf16, OEO16, OEO17, PTPR17, PTPR18, RBL+17, RBS17, SNM17, SBR16, SALY17, Van14b, WLSZ17, Wör16, XAZY17, XSC+17, XASY18, XWL+19, YNS16, YW18, ZWW+17, ZG15, AB17, BLSD17, Bhe17c, CJSW17, Coe08, DFKP13, ES16, FOA17, HCW+18, Hul17, JMK17, JAK19, KUE17, Kra15, Kra16a, LDWS17, LL16, LL17a, LM16, Lev17, LST+17, LT17, MNB+17, NSF17, OY17, SBHD17, SK18, Sub17, Sub18, SYZ16, VMMA17, XWW17, XJR+17, XLL+19, YCX18, ZWH18, ZW15, ZWX+19, ZDL17a, ZDL17b, ZWGC19].
KB14, KMB15, Kün16, KK17b, KKS+17c, LB18, LMLA17, LJG15, Lee13, Lee15, LW16, LD17, LBS+15, Li14, LZDA16, LKL+14, LT17, LZC+17, LLZ+17, LSH13, LN15, Lut17, LSP+15, CFvdPS15, MMR16, MG16, ML15, ML17]. **Bitcoin** [Mat13, Mat14, MLM15, MLM16, MHH+16, MSC15, MMSH16, MSH17, MO15, Mic16, Mic14, MGGR13, ML14, MKKS14, MJ+14, MKKS15, Mil15, MB17, MM17, MK15, Möl13, MMT16b, MMT16a, MC13, MB13b, MB14, MES16, MB13a, Mul14a, Mul14c, Mul14b, Mul14d, Mul14f, Mul14g, Mul14h, NC17a, Nak08a, Nak08b, NBF+16, NC17b, NH16, NAH15, NAH16, NH17, Nic17, Nis16a, Nis16b, OM14, OKH13, Öhn16, Ort16, Peo13, Pec13, Pec15, Pec16, P+16, PS16, PR16, Pla13, Pop15, Pop16b, Pop17a, Pop17b, Pop18a, Pop18b, PhD+17, Pro13, Pro14, RAH+15, RJK+17, Ras13, RH11, RH13, RRM18, Riz16, Ro13, RS13, RS14, Ros11, Rot17, RMSG14, RMS14, SCYP17, SOA17, SI16, San14b, San14a, SSZ17, SK14, SK15, SK17, SCG+14, SMD14, Sch13, SBBR17, SBR16]. **Bitcoin** [SZ14, Sha17, SFG+17, Shi16, Sid14, SCAA13, Sir16a, Sir16b, Six17a, Six17b, Six17d, Six17c, Six17h, Six17f, Six17i, Six17j, SLY15, SPB17, SZ15, SQ15, SZ17, SZ18, Son14, SKG12, SKG13, Son13, SMZ14, Ste17, Swa15a, TFG17, TT16, TTT16, Tay13, Tay17, TD17b, TOM17, TS16, Uni14, Und16, UJ16, Uri17, Ureq17, VR15, VG17, Van14a, VCLK17, Van14b, VGJ15, VTM14, VM15, VBC+17, Vel16, VTL17, VFV17a, VFV17b, VC15a, Vig15, VC15b, VDK16, VD17, VX17, VSM+19, Vra17, WL15, WLY17, WHJ17, WQHX17, WLS+16, Wij16, WA15, WeB14, Wör16, WQZ+17, YK15, Yeo15, YV17, YSLH17, YSZ+19, ZW15, ZP17a, ZP17b, ZG15, ZC16, ZWQ+16, ZGTT16, ZDL17a, ZMH+17, ZM18, Zoh15, ZGR17, dBC17, dre14, Ano16b, SM-16]. **Bitcoin-Based** [Van14b, HCW+18]. **Bitcoin-Exchange** [MC13]. **Bitcoin-Handbuch** [MG16]. **Bitcoin-like** [VGJ15]. **bitcoin-mining** [Hol18]. **Bitcoin-Networks** [Six17b]. **Bitcoin-Ökosphäre** [Six17a]. **Bitcoin-Related** [KCD17]. **Bitcoin-Systems** [Six17i, Six17j]. **Bitcoin-USD** [HG15]. **Bitcoins** [ZDL17b, AF16, AFM14, BDE+13, Bru17, Cap15, ES16, Gre13, Hol15, MY11, Mcl13, McM13, MPJ+13, MPJ+16, RKS15, Six17e, ZGH+15]. **BitConeView** [BDP+15]. **BitExTact** [YSZ+19]. **BitIodine** [SZ13]. **Bitstrings** [HS97]. **Bitter** [BBU12]. **BIX** [Muf16]. **Blackchain** [vdHEM+17]. **Blind** [Cha83, WQZ+17]. **Blindcoin** [VR15]. **Blinded** [VR15]. **Blindly** [HBG16]. **Block** [BS16, BR17, CKWN16, OAB+17, SPB17, TSL+17, ZP17a, GK17, Ler14a, PB17]. **block-chains** [Ler14a]. **Block-Withholding** [SPB17]. **BLOCKBENCH** [DWC+17]. **Blockchain** [ACM17b, AK17, ABR17, AKP17, AKP18, ACW17, ARBK17, Ale18, AvM18, ABL18, Ano18c, ATD17, AMVA17, ACC+17, AC17, BABD17, BT18a, BLBP17, BART17, Bec18, BR17, BDP17a, Ber17, BLS17, BSV17, BK17a, BK18, Bhe17a, Blo18, BCM16, BM17, BKM+17, BC16a, BO17, Bri17, BIFS17, BFS17, BLBN18, BLBN17a, BLBN17b, Cae15, CDD17, CCMN17, CG16, CR17, CBWF17, CJ17, CXS+17, CQL18, Cob17, Dani17a, DNP17, DW18, DMBH18b, DMH18c, DMH18d, DMH18h, DMH18k, DMR17b, Di 17, DT18, Dre17b, Dre17m, Dre17n, Dre17p, DXR+17, DP18, DF17a, ET17, EZ17, EZ18, Eya17, Fai17, FNP17, Foa17, FRSU17, Gar17, GANAHHJ17, GBP18, GBSAS17, Ger16, GR17, GCD16, God15, GL16, Hal18, bAHRAK17, bAHRAK18, HL16, HBG16, HHK18, HJP16, HS17b, HS17a, HSB17c, HS17b, HSB17d]. **Blockchain** [HSB18d, HSB18f, HSB18e, HSB18g, HSB18h, HSB18i, HP17, HP18, HTCW17, HTC18, HLC17c, Hul17, Hur16, HRF17, IPS17,
Blockchain

[ABL18, HRF17, KET^+17, KUEE17, KUEE18, LX17, RBL^+17, WLSZ17, XAZY17, XAZY18, XWL^+19, YW18, BLS17, CJW17, JMK17, LL16, LL17a, LMH16, LST^+17, NSNF17, OY17, SBHD17, Sub17, SYZ16, VMMA17, XWW17, XJR^+17, YCX18, KUE17, Kra15, Kra16a, Lev17, MNB^+17, Sub18, XLL^+19, ZWGC19].

Blockchain-Driven [HSB17b, HSB17a, HSB17d, HSB18f, HSB18g].

Blockchain-Enabled [Las17, LN17, BKM^+17].

Blockchain-LI [YNS16].

Blockchain-Ökosysteme [Sto17].

Blockchain-oriented [IPSP17, PPMT17].

Blockchain-Powered [QFLM17].

Blockchain-Technology [DF17b, DF17a, HP17, HP18, TNM17, BP17].

Blockchained [ZFY17, ZWX^+19, ZZ16, ZFY16].

BlockNDN [Gal18].

blocked [Tun18].

BlockSim [AvM18].

Blocktime [Swa16].

Blocktrees [JCG17].

Bloom [GCKG14].

Bloomberg [Ro13].

Blueprint [Swa15a, Swa15b].

Blue [K.13].

BlueWallet [BDWW14].

Boards [CGJ^+17].

Bolt [GM17].

Bonaire [Ker12].

Bond [LS17].

Bonneau [Ano16b, SM-16].

Book [Ano16b, Lev17, SM-16].

Book-smart [Lev17].

Boom [Pop17a].

Botcoin [HDM^+14].

bother [Pal18].

Botnet [DH17, Goo18].

Botnets [AMLH15, AMLH18].

bound [Dry14, Tro15b].

Boundaries
[MDAP16, MAP16]. Bounding
[LL17b, LL17c]. Bounty [JCHSR16].
Bounty-Based [JCHSR16]. Brain
[VBC+17]. Branch [SK18]. Breach
[LKL+14]. Breaking [LP17, NC17a].
Breaks [GCR18]. Bridging [Dan17a]. Brief
[SPB17]. Briefing [Ano18h]. Bringing
[Dre17c, FDT17, FMR+16, MBB+15].
Brixton [Hil14]. Broadcast [MPSP17].
Broader [YWS+18]. broke [Ste17].
Broken [GCR16, GCR18, Rou18]. brother
[Cha85]. Browser [Abr18]. Bubble
[God15, Kru18, Pop18b]. bubbles [CF15].
Bubbling [WM18]. bucks [Tun18]. Bug
[Chi13, WLXC17]. Bugs [Con16]. Build
[IM16, LSM17, RST11]. Building
[DFKP13, Spo17]. Builds [dCdCM14].
Bulgaria [OF15]. Bulletin [CGJ+17].
Business [BART17, CWL17, GBPDW17,
ME17, MWV+18, Mor17f, WXR+16, Hal18,
RBM17, TT16, TTT16, Uni14, ZW15,
ZW17, ZFY16, ZFY17]. businesses [CZ16].
Buy [ECHL16, Ito18]. Buyer
[HWDD17, HSB18a, HSB18b]. Buyer-Led
[HSB18a, HSB18b]. Bytecode [ABBS18].
Byzantine [BSV17, LSP82, ML14].

Caching [SNM17]. Calculus [Kam17].
California [CRS83]. Campaign
[Cim18b, Seg18]. Can [BBH+13, Ber17,
CRdK16, GP17a, HSB17b, HSB18f, Ksh17a,
Ksh17b, MBC17a, KFR17, Lew15, SY16].
Canonical [Ort16]. Can’t [McK19].
Capacity [KJ17, KJ18]. Capital
[DMH18b, Mcl13, PF18]. Capitalism
[Bhe17b, Bhe17e, DdFP18].
Capitalizations [Ano18e]. Carbon [CE12].
Care [Chu15, DMI18c, LP18c]. Case
[FRSU17, HS16a, HSB18i, LX17, LN15,
LSP+15, RRD17, Str18, CSL17, XL1+19].
cases [Ra18]. Cash [Ano17a, MGGR13,
O091, WvB14, Bac97, Bac01, BB15,
Nak08a, Nak08b, Pan96, WLS17]. Casinos
[Mat13, Pia16]. Categorization [GDP+17].
Catena [TD17b]. CBT [GANAHHJ17].
CCS*17 [ACM17a]. central [Nis16a, Son14].
Centralised [Lei16]. centralization [BS15].
Centralized [WSZN18]. Centrally
[LDH17]. Centric [ACC+17, Hul17]. CEO
[Sid14]. Certificate [XZK+17, CCN17].
Certificates [Muf16]. Certification
[KLR+17a, KLR+17b]. Certified
[AFMdM14]. Chain
[Con14, HSB17b, HSB17a, HSB17c,
HSB17d, HSB18a, HSB18b, HSB18f,
HSB18g, HSB18h, HSB18i, Kra16b, WCL17,
Che18, DF17b, PB17]. Chaining [ET17].
Chains [GKL17, JSK+17, Ler14a, SZ13].
Challenges
[ACM17c, BMC+15, HHK18, HJ15, HJPS16,
MWV+18, Mul14a, PS16, PPMT17,
RDDL17, SK17, Van14b, dCdCM14, KS18].
challenging [VC15a, VC15b]. Chancen
[Ker14, San14a]. Change
[FWB15, KRL17, Mor17c, Kel15]. changing
[Pal18, TT16, TTT16]. Channel [AGGM16,
BDW17, EKK+17, MMSK+17, RLT17].
Channels [ABF+16, DW15, GM17, Kra16b].
Chaos [LB18]. Characteristics [WLXC17].
Characterizing
[GCL16, MPJ+13, MPJ+16]. charging
[HZLH19, KUE17]. Charles [G.17]. check
[Pal18]. Checks [YWS+18]. China
[CP17a, K.13, Son14, ZZ16]. Chinese
[Son14]. Choice [Kan18]. Choosing
[Dre17d]. Christ
[BBMS14, CSN14, CMR+16, GP17b].
Church
[BBMS14, CSN14, CMR+16, GP17b]. Cisco
[Ker18a]. Cities [IPSP17, SYZ16]. City
[De18]. CitySense [IPSP17]. civilizations
[dS17a]. Class [BW17]. classification
[SKG12]. Client [BC16a, XCG+17]. Clients
[BKP14, GCKG14, MeK19, VCLK17].
Clinical [ACV17, BR17]. clipboard
[Pal18]. clipboards [Bar18]. closed
[LZDA16].
Cloud
Contest \cite{Dim17}. Context \cite{KLL+15}. Contingent \cite{CGGN17}. continue \cite{Ker18b}. continuous \cite{DB16}. Contract \cite{AB17, ABBS18, BCM16, But13b, HLC17c, Pia16, ROH16, Swa16, THF17, XJY17, XSC+17, THF17}. Contract-based \cite{AB17}. Contracts \cite{ACM17b, ADM14b, ABC17, BNMH17, BDLF+16, BKT17, Blo18, BS17b, BS18, DGHK17, EMERHI17, HBG16, IGRS16, JKS16, KUEE17, KUEE18, Kün16, LCO+16, Mor17j, NMH16, NPS+17, PP16, RBL+17, SW17, VTL17, ZCC+16, Gia15, Lev17]. contribute \cite{SYZ16}. Control \cite{BLBS17, DMR17b, McL13, MCJ17, OEO16, OEO17, YWJ16, Ker18b, Kra15, Kra16a]. Controllable \cite{ZWGC19}. Controlled \cite{CR17}. Controls \cite{Smo18}. Conventional \cite{Mer88}. Cooperative \cite{LBS+15}. coordinator \cite{VB08}. Core \cite{Dre17f, VCLK17}. CORFU \cite{MBD+12}. Corporate \cite{Yer17}. Correct \cite{KB14}. correlation \cite{VX17}. Cost \cite{Ast16, Bac02b, LDH17}. Cost-Functions \cite{Bac02a}. Could \cite{CEN14, DXR+17, NH17, FS16, KH16, LP18c, Tun18}. counter \cite{Bac02a}. Countermeasures \cite{AAG17, LKL+14}. Counting \cite{Fin17a}. Countries \cite{Ano18d, OA17, AR15}. Coup \cite{MK15}. Course \cite{JW16a, JW16b}. Covenants \cite{CP17b, MES16}. Cracking \cite{VSM+19}. Crash \cite{JW16a, JW16b, Edw15}. Created \cite{Pav18}. creates \cite{Ole18}. creation \cite{VG17}. Credentials \cite{CDD17}. Credit \cite{Kat16}. Crier \cite{ZCC+16}. crime \cite{Far18a, UJ16}. Crimes \cite{kCD17}. Criminal \cite{JKS16, Hol18, Tun18}. Cryptovalute \cite{Cap15}. Critical \cite{PF18, dCdCM14}. Cross \cite{OOF+17, WCL17}. Cross-Chain \cite{WCL17}. Crowd \cite{BLNN17b, SVL17}. Crowd-Based \cite{BLNN17b}. Crowdfunding \cite{BO17, JCHSR16, ZZ16}. CRYPTO \cite{CRS83, Ale18, CXS+17, Cou14, GCR18, Gom16, Kan18, Ker18a, KN12, Lin15, McK19, WSZN18, BHI+14, Cae15, RSW96]. crypto-currencies \cite{Cae15}. Crypto-Currency \cite{Ker18a, KN12, CXS+17, BHI+14}. Cryptoassets \cite{BT18b}. cryptocoins \cite{Ker18b}. Cryptocurrencies \cite{ACM17b, AS14, AZV17, BNMH17, BBBS18, BMC+15, CR16, Dz15, GANAH11, GCR18, HQ15, JB17a, JSK+17, NMH16, RC16, Zoh17, Ano13a, Ano18a, CV18, Cro18, G17, Kug18, Rot17, Cap15}. Cryptocurrency \cite{Abr16, Ano16b, Ano17e, Ano18e, Ano18j, BH15, BBM+18, CCMN17, Eya17, Ker18b, Kin13, LHZ17, LSS14, Osb18a, Roo18, SM-16, SLY15, SL17, SALY17, VC15b, WREK18, YNS16, YWW+18, YWS+18, Abe18, Bar18, Cim19, Gal18, Goo18, Ito18, NBF+16, Ole18, Osb18b, Pal18, VC15a, Abr18}. Cryptocurrency-Executive \cite{WREK18}. Cryptocurrency-stealing \cite{LS14}. cryptoeconomics \cite{BDP17a}. Cryptographic \cite{GADO17, GCR16, GP17a, GG17, JW16a, JW16b, Muf16, OF15}. Cryptography \cite{CSN14, DH76, Fra14, JRB+17, Ker12, Sad13, BBMS14, BCJR15, CMR+16, GP17b, Iky05, Jue04, WHJ17]. cryptojacking \cite{Ker18b}. Crypto Locker \cite{LZDA16}. Cryptology \cite{CRS83, OF15}. cryptomining \cite{Seg18}. cryptosystems \cite{Mer80}. Crystallization \cite{KL17}. Cuckoo \cite{Tro14a, Tro15b, Tro14d}. Cultural \cite{KD16}. Cure \cite{JZS+17}. Currencies \cite{Ano18d, Cou14, GKI14, GM17, Hil14, JW16a, JW16b, Mor17a, Pas15, Spr13, TS16, Ale18, Cae15, CrdK16, HS16a, Kel15, Lau11a, Lyn14, WLS17]. Currency \cite{ACM15, Ali15, Ano12, Ano18h, BBH+13, Car15, EL14, Eva14, GH05, GKKC14, GZH+14, Grl11, Int14, Ker18a, KN12, Lau11b, LCL17, LSH13, MY11, Mull14b, Pav18, Swa15a, VGJ15, VM15, AF16, BHI+14, Bra15a, BOS15, CXS+17, CrdK16, Dus14, FB17a, Hol15, Ker14,
Lee15, Pec16, San14b, San14a, Six17c, SKG13, TFG17, TF16, Uri17. Current [Cou16, Six17a]. Curse [HB14, JZS17].
curve [WHJ17]. customers [Abe18].
Cyber [SIDV14, UJ16]. cybercriminal [YV17]. Cybercriminals [Fir18].
cybersecurity [DSM17]. Cybertrust [Ksh18]. Cycle [SW17, Tro14a, Tro15b].
cycles [HDM14, Tro14b]. Cycling [JMK17].

DAGsim [ZWH18]. Dandelion [VFV17a, VFV17b]. DAO [DMH18e]. Dark [BBM18]. Darknet
[KCD17]. Darkweb [GP17]. Dashcam [WBK17]. Dashcans [WBK17]. Data
[ACW17, ARBK17, ADA17, ACV17, CSN14, DCK17, DMR18, Dre17g, Dre17i, Dre17n,
Dre17y, ET17, ECD017, EG17, FHS17, Hul17, ISM17, JRB17, KMMW17, Ker12, LS17,
LL17b, LL17c, LST17, Liu16, MJS14, MBC17, NSNF17, RRD17, Sad13, SHT17,
SBHD17, SV16, SLY15, Spo17, TD17a, TSCT18, VMMA17, WvB14, Wör16, XAY17,
XAY18, XWL19, YW18, YWJ16, ZCC16, BBMS14, BP17b, BCJR15, CSL17, CMR16,
Far18b, GP17b, JZLL17, JOS13, Lee15, Pal18, Six17a, YCX18, ZWGC19, GANAHHJ17].

Data-Centric [Hul17]. Data-driven [DMR18]. data-level [CSL17]. Database [DHS16, WB17].

Database-Backed [WB17]. Databases [AG17, Fyk17, Moh17]. Datacenter
[MK17a, MK17b]. datastore [RST11]. Daten [Six17a]. Datenschutz [PB17].
datenschutzrechtliche [BP17]. Dating [CE12]. David [Lut17]. day [Fir18].
DDoS [JLG14, RBL17, RBS17].

De-Anonymizing [DS15]. Dead [BR16]. DealBook [Ano18a]. dealing [K.13].
Deanonymisation [BK14]. death [Cim19]. Debt [Bhe17c]. Debt-based

[But13a]. Decentralized [BCM16, Lani11a, Rei16, P'16].
Decentralization [CVM17, EBHBL16]. Decentralized [BSCG14, But13b, Cou13,
CDE16, DMH18f, GP17, Eval14, FR16, FDT17, FF17, GH05, GKC14, GM17,
HTCW17, HTCW18, KET17, Kral16b, KMB15, MBC17, MUL14b, NOT15, Pas15,
RSMK14, SCG14, SGF17, SV16, Sub17, Sub18, TS16, Voi11, Zoh17, ZZJ17, JZL17,
Woo14, XJR17, ZMH17, ZMH18].

Decentralizing [Hal17]. decidable [PLSS17]. Decision [Las17]. Decisions
[EEB18, KUEE17, KUEE18, KU17]. decoded [CM14]. Deconstructing [Ros03].
DECOR [Ler14a]. Decoupling [IM16].
DecReg [aNOE17]. Deep [BNN17, GR17, NMH16, UJ16]. Default
[NTKS17]. Defense [ZP17]. Defined
[AK17, SD16a]. Defining [Hir17].

defrauded [Lew15]. Degradation
[ABF16]. Delay [FOA16, SOA17, FOA17]. Delays
[RFM18]. Delegatable [CDD17].
deletion [YCX18]. Deliver [GDTP17].
delivered [Pal18]. delivering [TF16].

Delivery [GRKC15]. demand [DB16].

Demo [SZJ17, ZZJ17]. Democracy
[QFLM17]. democratic [KH16].
Demonstrating [FF17]. Demystifying
[LTKS15]. Denial [VTM14, Bac02a, Bee16].

Denial-of-Service [VTM14]. Dense
[SYK17]. Depends [Smo18]. Deploying
[GBS17]. Deployment
[ECHL16, FSW14]. Deposit [BZ17].

Deposits
[ADM14a, Ano18i, Bee16, YSLH17].
derivation [Per09]. Derivative [BKT17].
Design [BK14, BLSD17, EGB18, Fot17,
Lin15, MAQ99, SK17, Wör16]. Designated
[WHJ17]. Designated-verifier [WHJ17].

Designed [Li14]. Designing
[NST17, URI17, VIRJ15, XLL19]. Designs
[BABD17]. despite [PB17]. Destruction
[Con14]. d'État [MK15]. Detecting
[AGGM16]. Detection
[Bog17, DH17, LGC17, MMT16b, RRM18, CEW15, LW16, MMT16a, BD17].
detections [CZ16]. Determining [KRL17].
Deterministic [DCK17, GS15b]. Deterring
[KT15]. developed [AR15]. Developer
[Ano17b]. developers [Lee13]. Developing
[Lim18, FRSSU17]. Development [AKP17, AKP18, DSN17, HS16d, Lei16, Bra15a].
Developments [DMH18k]. Devices
[HS16c, LMWL17, OY17, HCW18, LL16, LL17a]. dezentrale
[Six17e]. Dhabi
[ACM17a, ACM17b, ACM17d]. diced
[Nic17]. Did
[RS14]. Dies [McK19].
Difference [Nis16b]. Differences [Mul14c].
Difficulty [GKL17, Kra15, Kra16a, MCJ17].
Digital [AKP18, ACV17, BBM18, Cha81, EL14, Gv16, GK14, GT15, KKS14, LPS18, MR88, MK15, Mor17h, OZ16, Pav18, Pop15, Pop16b, Smo18, Spr13, TS16, Vel16, Zei16, Bar18, BHS93, BGPW16, CJW17, CRdK16, Goo18, HS91, HS16a, Ker14, KH16, Lee15, Pan96, RBM17, TF16, Uri17, VC15a, VC15b, AKP17].
digitalen
[Ker14]. digitaler
[RBM17]. Dilemma
[Eya15]. Dilemmas [KKS17c].
dimensions [Hal18]. Diplomacy [Ber17].
Directed [RJK17]. Directions
[DH76, HHK18, PPTM17, Son16]. Diritto
[MS15]. Disambiguating [Dre17c].
Discontinuity [TSTC18]. Discourage
[MKKS14, MKKS15]. Discovering
[Dre17f, EZ17, EZ18, TSTC18]. Discovery
[ACW17]. Discuss [FF17]. Discussion
[Ali15, HS17c, HS18g]. Disincentivize
[ES14a]. Disk [GLO]. Dispute [BT18a]. Disputes
[AB18]. Disruption [BBB15].
Disruptive [DT18, FRSSU17, GR17].
disruptive
[FRSU17]. Distributed
[ALPTS17, AKGN18, AABM17, Bt17, CZJ17, EGB18, ECDO17, EG17, HL16, HLC17a, Her17, Hu17, JCHSR16, KMOD17, KYV19, LDWS17, Laut11b, LS17, LLW17, LSP15, MGM17, Mei18, MGGR13, NST17, Poe14, RLT17, SD16b, Str18, TD17a, Wat17, Wei18, ZWQ16, BS15, CK16, Her19, PLL517, ZWH18].
Distributing [Dre17g]. Distribution
[Yeo15]. diversification [BOS15]. Divide
[Bra13]. Divisors [DDX17]. DL’17
[Nst17, Do]. DLT/Blockchain [Lim18]. Do
[SIDV14, Kug18]. Docker [XJR17].
doctrinal [HA15]. doctrinarios [HA15].
document [HS91]. Documentation
[Ano17b]. Documenting [Dre17h]. Does
[HSB17c, HSB18b, SGF17, Ste17, Ano17d, Fai17, RE18]. Domain
[JB18, RBS17]. Dominant
[AC17]. Don’t
[MHH16, Pal18]. doors [LZDA16].
Doppelganger [KKS17b]. DoS-resistant
[Voi11]. Double [DNY17, KAC12, KAR15, LZC17, ANOE17, PR16, DB16, YSL17].
Double-Financing [ANOE17].
Double-spend [PR16]. Double-Spender
[DNY17]. Double-Spending
[KAR15, LZC17, KAC12, YSL17].
Down [Son14, Vig15, Zet13, Sha17]. DPM
[GANAHHJ17]. DPS [FF17]. DPS-Discuss
[FF17]. Drain [VBC17]. Draw
[Ano18j, Ole18]. Dread [RS14]. Dreamers
[DMH18a]. Dreams [Eya17]. Drive
[BK17a, BK18, Seg18]. Drive-by [Seg18].
Driven [HSB17b, HSB17a, HSB17d, HSB18f, HSB18e, HSB18h, DMR18].
Drones [SYK17]. Drug [Zet13, Gei16]. Dry
[LJG15]. DSA [GGN16, GGK14].
DSA/ECDSA [GGN16, GGK14].
Dubious [Roo18]. Due [Aml16, McL13].
dumber [Ito18]. dummies [Ant16]. d’une
[San14]. Duplex [DW15]. Duplication
[KKS17b]. during [Osb18a]. Dutch
[PDWWS16]. dwelved [UJ16]. dynamic
[Bar17, DB16, KUE17]. Dynamically
[KJ17, KJ18]. Dynamics
[EDS15, Bla18, GK17].
E-Cash [MGGR13, BB15, Nak08b].
EUROCRYPT [OF15]. Europe [Ker18b].
European [Gim16, LD17]. EV [HZLH19].
Evaluating [AKR+13]. Evaluation
[ACW17, DCK17, FOA16, IGRS16]. Even
[Ler14a, VM15]. Event [Hul17, Tac17].
Event-based [Hul17]. eventual [Sir16a]. ever
[Cim19, Fai17]. Everyone [GH17].
Everything [Far18a]. Evidence [DVRM16].
Evil [Kru13]. Evolution [FPKH17, KBS17,
Kii16, Smo18, Tay17, WL15, OC16].
Examining [KCD17, VBC+17, Uni14].
Exchange [CC16, HG15, JMM14, MSCH15,
McK19, MC13, RJK+17, YSZ+19, Abe18,
Cim19, WHJ17, Cim18a]. Exchanges
[DBB+15, DGSW15, Son14, WSZN18, K.13].
Exchanging [WvB14]. Exclusive
[WREK18]. exclusively [CSG+18].
Executing [SCAA13]. Execution
[EEMHR17, GBPDW17, SCAA13, WXR+16].
Executive [WREK18]. Expected [Sid14].
Experience [Rir16]. Experiences
[KJGW17], experiments [L14].
explaining [BWZ17], exploited [Fir18].
Exploiting [MHH+16, DMR18].
Exploration [LCL17, SK17, BB14].
Exploratory [BO17, LW16]. explorer
[KK17b]. Exploring [CXLC18, KSCD16,
OOF+17, SK15, WL15, Gon16]. Extended
[BLMR14, Hul17]. Extending
[BLMR14, FYK+17, Wij16], extension
[Bak09]. External [WBK+17]. Extracting
[SMZ14, YSZ+19]. Extremism [Lut17].
Fabric [BSV17, Vuk16]. Facebook [ds17a].
Facilitate [NH17]. Facilitative [KCD17].
Factor [ML15, ML17]. Factors
[KCD17, ZDL17a, ZDL17b]. Facts [EDS15].
Fair [ADM14a, Ast16, BK14, BC16a,
CGJ+17, HLC17c, JMM14, MBC+17b,
PS17, Pia16, YSLH17, Bee16, HCW+18].
Fair-Exchange [JMM14]. Fairness
[CGJ+17, GDTP17]. Fall [Son14]. falls
[Lee13]. Fambit [HRE17]. far [Goo18].
Farming [PTPR17, PTPR18]. Fast
[DW15, KAČ12, Lin17, LZC+17, SCAA13,
SZJ17, SZ13, Uri17, VB08]. faster
[CE14, Ler14a]. Fault [BSV17].
Fault-tolerant [BSV17]. FAW [KKS+17c].
FBI [Gre13]. FC
[BBMS14, BCJR15, CSN14, CMR+16,
GP17b, JRB+17, Jue04, Ker12, Sad13].
Fears [HM18]. Feasibility [JCG17, SL18].
Features [Bog17, Cou16]. February
[CMR+16, GP17b, Jue04, Ker12]. Federal
[Int14]. Feds [Zet13]. Fee [GCD16]. Feed
[ZZC+16]. Feeding [Fai17]. Feel [SIDV14].
Fees [MB15]. Felten [Ano16b, SM-16].
ferenda [Kün16]. Fi [SI16]. fiat [G.17].
Fiction [L15]. fights [Tun18]. Filters
[GCKG14]. Finance
[Bhe17d, Edw15, Eya17, HS17b, HS17a,
HS17c, HS17d, HS18a, HS18b, HS18f,
HS18e, HS18g, HS18h, HS18i, TBY17].
Financial [Ami16, DMH18l, EEMHR17,
HRF17, JB17a, JMK17, TSC18, K.13,
Lee15, Lew15, LMR17, LP18c, Six17d, VX17,
BBMS14, BCJR15, CSN14, CMR+16,
GP17b, JRB+17, Jue04, Ker12, Sad13].
Financing [aNOE17]. Finanzindustrie
[Six17d]. Findel [BKT17]. finding [Lar13].
Findings [BBB15]. finds [Aro12, Edw15].
FinTech [WM18]. Fire [RKS15]. firms
[K.13]. Firmware [LMWL17, LL16, LL17a].
First [BH15, BP14, DP18, PAV18, PL16,
SDT17, Ano17a, BHI+14, EBSC15, Ker18b,
SKG12, YV17]. First-Generation [BH15].
Fishes [ZWW+17]. Fistful
[MPS+13, MPJ+16]. fix [Lee13]. FL [Jue04].
flance [Cae15]. flash [MBD+12].
flash-speed [MBD+12]. flaw [Duc13, Fir18].
flaws [FBF17a]. flexible [DKJ19]. Flow
[BS17a, YK15]. flows [BDP+15].
Fluctuations [EDS15]. Focus [TKW15].
fog [HCW+18]. folly [Sch14b]. footprint
[OM14]. Forecasting [YK15]. Forensics
[NHM16]. Foreseeable [ATD17]. Forging
[Pop16a]. Fork [KLM17, KKS+17c].
forkable [WDL+18]. Forkbase [WDL+18].
Forks [LK17]. Formal [BDLF+16, Son16].
Formalized [CXS+17, LN17]. Formalizing [AKGN18, Wel18]. Fortune [Pop17b].
Found [Kec16, Pop17b, YWJ+16].
Foundations [DMH18b, Gom16, HMS17].
Founder [McK19]. Founding [EL14].
FowlerNollVo [VFN91]. FPGA [SNM17].
Fractal [DVRM16]. fractality [LB18].
Fragen [BP17b]. Fragmentation [Bhe17d].
Framework [AvM18, BLPB17, DWC+17, HL16, Las17, aNOE17, PTPR17, PTPR18, RS17, SK15, Gim16, JAK19, VCS03]. Fraud [CZ16, CBWF17, HRF17, Kru18, MMT16b, RRCL17, Kha15, MM16a, RD17].
Fraudulent [LW16]. Free [SPB17, VM15, Six17f]. FreeBSD [Ano18b].
freedom [TF16]. Frees [Hou14b]. Freecoin [TF16]. French [San14b, TFG17].
Frequency [Via16]. Friends [AMVA17]. frozen [Cim19]. FruitChains [PS17]. Fuel [Car15].
Fulfilment [Nis16b]. Full [Ano18b, HSB17c, HSB18g, MMR16, RS13].
Function [Bac03, Mer88, VFN91].
functional [OF+17]. functionality [Wij16].
Functioning [Ker14]. Functions [Bac02b, Ler13, SBBR17, Per09]. fund [Pan96]. fundamental [CF15]. Funding [BDW17, LH17]. funds [Cim19].
funktioniert [RE18]. Funktionsweise [Ker14, RE18, Six17h]. Further [Dre17u].
Future [BBB15, BK17a, BK18, Car15, EGB18, Her17, JKS16, MDAP16, MAP16, PP16, Son16, Fri14, SKG13]. fuzzy [Che18, WZQ+17].

Gateways [YWJ+16]. Gave [Pav18].
geautomatisiert [PdWWS16]. Geld [Möl13, Cap12]. Geldwährungen [WLS17]. Geleit [LPW17a, LPW18, LPW17b].
German [ABR17, Ale18, Ano16a, Blo18, BP17b, Capi2, Dix17, DF17b, FRSU17, GH17, HP17, Ker14, KFR17, LPW17b, MG16, Moli3, PB17, Pia13, RE18, RBM17, Son14a, Six17a, Six17d, Six17c, Six17h, Six17f, Six17i, Six17j, SKG12, SKG13, Stol17, WLS17].
Geschäftsmodelle [RBM17]. Get [WM18, Chm19, Pec15]. GHash.io [Mat14].
GHOST [KKS+17a]. Gibbard [Ano18f].
Gifted [Ro13]. giuridica [Cap15]. Glimpse [LMLA17, Pav18].
Global [ACM15, Ali15, MMT16b, Mul14h, Yeo15, CV18, CRdK16, VC15a, VC15b]. Go [BS17a, Fai17]. Goals [AKP17, AKP18].
Going [Dre17u, GCD16]. Gold [BBM+18, DMH18i, Cap12, Nis16a, Pop15, Pop16b, Sza08]. Goldfeder [Ano16b, SM-16]. Goldstrike [BH1+14, BH15].
Golumia [Lut17]. gone [Nic17]. Good [AKP17, AKP18, BP15, WA15, Bon14b, Ito18, Pla13]. Got [Ro13].
Govern [RDR17]. Governance [ACM17c, BCTM15, Mor17b, QFLM17, ROH16, Yer17, CV18]. Governed [LDH17, NOT15]. Government [OA17, Oln16, OJ17].
Grand [Far18a, Ort16]. Graph [DHES16, FPKH17, MMR16, OH13, RS13, ZG15, BDP+15, DMR17a, DMR18, Tro15b].
Graph-Based [ZG15]. graph-theoretic [Tro15b]. Graphene [OAB+17]. Graphics [Zei16]. Gratis [Six17f].
Gratis-Bitcoin-Ökosphäre [Six17f]. Great [WA15]. Green [PTPR17, PTPR18, CCMN17]. Grid
Grind [JB18]. Group [OOF17, Tun18]. Grouping [NTKS17].
 grow [Ker18b], Growing [JB17b], grows [SZ13]. Grundlage [RBM17]. Grundlagen [BP17b]. guarantees [CCMN17, Sir16a].


Hack [McM13, Nak18, WSZN18]. Hacked [Abe18, DMH18c]. Hacker [Osb18a]. Hackers [WREK18, Nic17]. Hacks [dre14].


Hardware [BMHN17, NHM16, SNM17, Tay17, WRB15]. Hash [Bac97, Bac01, Bak09, VFN91]. Hashcash [Bac02b, Bac02a, Bac03, Tro15a].

Hashimoto [Dry14]. Hashing [Dre17i, Dre17j, Ler13, Tro15a]. HCI [SK15]. headless [TFG17]. Health [DMH18c, S DT17]. Healthcare [ARBK17, Ksh18, RRD17, YW1+16].


Hiding [AK14]. Hierarchical [GS15b]. High [CGFH16, DMH18g, DHES16, MPSP17, SS12, SZ15, TOM17, Via16, XLM+17, ZXK+17, ZLX+17]. high-availability [ZLX+17].

High-Frequency [Via16]. High-Performance [DMH18g, DHES16]. High-Rate [SZ15]. High-Throughput [MPSP17, SS12, XLM+17].

Highlights [Sup16]. Highly [JKKKX16, Far18a, RST11, Cin19]. Highly-Efficient [JKKKX16].


Hours [Cim18b]. House [PTPR17, PTPR18]. Hub [BKM+17]. huge [Hol18]. Human [PHD+17, Har17].

Hundred [Uni14]. hybrid [HLH19]. Hype [Per17]. Hypergraph [RJK+17].

Hyperledger [BSV17, DMH18]. Hyperpubsub [ZZJ17].
November [BCJR15]. Japan [Sad13, Nis16b, YWW+18, YWS+18].
Job [Cim18a]. joint [WZQ+17]. Joseph [Ano16b, SM-16].
June [BCJR15].
junctures [PF18]. June [IKY05]. Junk [DN93].
jurisdictions [Ano14b]. jury [Ano18a]. juristic [Kay17].
July [KAD15]. KARMA [VCS03, GH05]. Keep [WM18]. Kernel
[WRB15]. Kernel-Level [WRB15]. Key [Bon16b, GS15b, Jue04, Kee16, MSCH15, CSC16, DSPSHJNA18, EBSC15, MBB+15, Mer80, Per09].
Know [KD16]. Knowledge [CGGN17, Dan17a, GCL16, MGDEK17, MGDEK18].
Kodak [Ano18h, Bue18, Roo18]. KodakCoin [Bue18]. konnen [KFR18, KFR17].
Kralendijk [Ker12].
Kryptowahrungen [Ale18]. Kudos [SD16b]. kurz [Pla13].
Labeling [NPS+17]. landscape [LSS14]. Language [Cob17, HBJB14, O’C17, Wol18].
Large [Chr13, ES14a, SIDV14, SZJ17, WLXC17, vdHKKZ14, DKJ19]. Large-scale
[SIDV14, SZJ17, WLXC17]. largest [Abe18]. Last [Bue18, ZGR17].
Last-Gasp [Bue18]. lattice [ES16]. lattice-based [ES16].
launch [Fir18, Osb18b]. Launching [Wol18].
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Laundry [DBHC17]. law
[Ano16a, DW18, Lev17, EDS15]. Lawful [WBK+17]. Laws [GP17a, McL13, Mic14].
Layer [LZY+17]. Layers [Dre17v]. LD
[Spo17]. LD-DL’17 [Spo17]. lead [Hol18].
League [Gei16]. Leakage [GS15b]. Leaks [LL17b, LL17c]. Learn [HSB17b, HSB18f].
Learned [Son16]. Learning [BNMH17, Bik16, Böh13, Cae15, GR17, NMH16, RFM+18, MMT16a, YV17]. least
[Lau11a]. leave [Ano13b]. Led [HSB18a, HSB18b]. Ledger
[AK17, AKP17, AKP18, AKGN18, BMTZ17, CZJ+17, EGB18, EZ17, EZ18, Eva14, GCL16, KYYV19, Mufl18, Str18, Wei18, MGM+17, Wat17, Woo14, ZWH18].
Ledgers [AABM17, CWL17, EG17, LDWS17, Lei16, LS17, Mei18, PP16, TD17a, Bui17]. Legal
[BP14, Künn16, MBC17a, Ole18, Cap15, Far18b].
foreground [UJ16]. legal [Kün16].
Legitimacy [IM16]. Lending [KMOD17].
LEO [LLW17]. Less [HBJB14]. Lessons [Son16]. let [Lau11a]. Level
[GAK17, WRB15, CSLD17, FSW14].
Leveraging [Ger16, Cae15]. LI [YNS16].
Liar [RKS15]. Libertarian [Eya17].
Licensing [MOR17]. Life [SW17, Aro12].
Lifecycles [NOT15]. light [ZWX+19].
Lightweight [GCKG14, XCG+17]. Like
[HSB17c, HSB18g, Pop17a, VGI15].
Limitationen [Six17]. Limitations
[Dre17r, GTDP17, Six17f, Six17g]. Limits
[BLNN17a]. line [GH05]. Linkable
[SALY17]. Linked [EG17, Spo17, TD17a].
List [Ano13a, dre14]. Litecoin [HQ15].
Literature [SS17a]. Live [BR16]. Loafing
[OOF+17]. Local [MMT16b, MBN+17].
LocalCoin [CGFH16]. Locality [FOA17].
Location [DS15, ECD017]. lock [RSW96].
Locked [FYK+17, DSPSHJNA18]. Log
[ABL18, Bon16b, MBD+12]. Log-Based
[ABL18]. Logic
[BFS17, BFS18, HM16, IGRS16].
Logic-Based [IGRS16]. Logs
[SS17b, vdHKKZ14]. Long [BR16, LJG15].
Long-Term [LJG15]. Longest [Con14].
Longitudinal [MB15]. Look [Ano18d, DP18, HSB17c, HSB18g, HSM17, EBSC15].
Lost [Nak18, Sha17]. Lösungsansätze [Six17].
Lotteries [BZ17, MB17]. loves [Ano14a].
Low [GAK17, ÖY17, Lee13]. Low-Level [GAK17]. Low-power [ÖY17]. Luck [MHWK16]. Lucky [SIDV14]. Lunch [VM15].


Market [Ano18e, Hii15, MLM16, Ort16, Str18, Wör16, YK15, CCMN17, KCS+14, LB18, LMR17]. Marketplace [Chr13]. Marketplaces [KET+17, LPSZ18, Sub17, Sub18]. Markets [KCD17, CF15, LT17, MNB+17, VX17].


Microgrids [BLS1D7]. MicroMint [RS96a, RS96b, vS02]. Micropayment [BDW17, DW15, RS96b, RS96a].

Micropayments [Pas15, Riv04]. Microsoft [Cim18b, Tun18]. Middleware [MC13].

Might [Hur16]. Miller [Ano16b, SM-16].

Million [Cim18a, Gre13, McK19, Nak18, YWW+18, YWS+18, Cim19, Osb18b]. Millionaires [Ras13, Pop15, Pop16b].

Millions [BBM+18, Seq18]. Mind [Ano14a, MBC+17b]. Minds [GCL16].

Miner [Eya15, Ler14b, SGF+17, WL15, CSL17, Tun18]. Miners [BBM+18, GCD16, Kan18]. mines [CP17a].

minimal [MAQ99]. Mining [Abr18, BS16, BH15, CNG14, De18, DMH18i, Dim17, ES14a, ES14b, Hou14a, Hou16, JLG+14, JZS+17, Ker18a, Ker18b, KKKT16, KJ17, KJ18, Kwo14, KKS+17b, LJG15, LSB+15, LL17b, LL17c, LSP+15, Mat14, MKKS14, M KK15, Mul14e, RJK+17].
Ros11, SCYP17, SSZ17, SBBR17, VTL17, ZWW+17, ZP17a, ZP17b, ZGR17, BHI+14, CEW15, Dev14, ES18, Goo18, Hol18, KDF13, OM14, Ole18, Tro15a, VDK16, Nic17.  
Minority [Ort16].  
Misbehavior [KAR+15].  
Misfits [Pop15, Pop16b].  
Mitigation [BRS17, RBL+17, RBS17].  
Mixcoin [BNM+14].  
Mixed [Mic14].  
Mixers [Coi13].  
Mixes [BMN+14, VR15].  
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Model [FOA16, FYK+17, HG15, LS17, LT17, ML14, OEO10, OEO17, NAH15, WXC16, ZW15, ZW17, ZDL17a, ZDL17b].  
Model-based [LT17].  
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