A Complete Bibliography of Publications in Computing in Science and Engineering

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Title word cross-reference

+ [Luo12]. 2
[CFA04, Hum07, OMKdSB11, YWC02]. 3
[Ama00, Ano15-38, Ano15-39, BB07,
CCSS08, CY00, CHC+11, CS14, CS15,
DiP18b, GWA+07, HMA00, HL00, LWF10,
MJAK09, RV11, SD500, SYF08, Sul02c,
Weg00, XHL+13, YWC02, YCK03, YCKK03,
YaL10, ZZPC06, ZDW+07, ZCXM99]. 4
[WNZ+17]. A = B [BS00a]. D [UZC+12]. [k
[ALM19]. B = NEW ⊕ B0 ⊕ (B1 ∨ B2)
[Sul02b]. N [YB12]. ≠ [Sul04c]. QR
[Par00a].

-body [YB12]. -Vector [ALM19].

1 [Bak10]. 11th [HPKS04]. 19

[AM20, BPMKC21, BCH+22, Con20,
FGW20, HP20, Jef21, KKO+20, PHW+21,
PQQ20, TGU21, VSB+21, WHG21, Wes21].

2 [CW05b, XDK+20]. 20-Bit [TJ14]. 2000
2011 [Ano11c]. 2013 [THI3a]. 2014
[Ano13j, Ano14-31]. 2016
[Ano16b, Csy17, DE17]. 2017 [Ano17a].
2019 [Ano18b, Ano19d, Ano19e, Ano19z,
WBP+19]. 2020 [Ano20x, Ano20y,
Ano20-37, Ano20-54, Ano20-56]. 2023
[Ano22a, Ano22b]. 20th [SCBT18]. 21st
[Ano14-49, Ric99]. 2Guest [BLMR21]. 2nd
[Seg99].

3 [KBLD08]. 39th [Ano15b]. 3D [Lew99b].
3M [CW05d]. 3Ms
[CW05b, CW05c, CW05a].
Advertising [Day10b], Advice [Day09a].
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Agent-Based [AM05, HXMC05, PI16]. Agent-Oriented [FGRS17]. Agents [BO04]. Aggregates [KL05].
Aggregating [DMXR+14]. Aggregation [LLQ18]. Agile [ABC+14, PK18, SHPL12, VBO8, Var08, FKB+13]. Agilent [Tou01].
Aging [Duba15, Fen06, DMOd0+04]. Agreement [Smi99c]. AI [Ano22b]. Aided [Ass20, Day17a, Gig00, JS99, Lew02b].
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Aircraft [KNKP14, MM16]. Airspace [Don03]. al [Lud13]. Alan [Lov04, Lov04].
Alert [SSG16]. Algebra [FGP99, LPV00, Lons03, Sch14, ZZPC06]. Algebraic [Faul06, RLRML04a]. Algorithm [ALH15, ATG05, ACF18, BST+13, Bea00, BS00c, BS00d, DCC10, Ebr10, FAX20, Liu06, MBs+00, OOB17, Pl07, PSS20, Par00a, Pre09, Roc00, Rus03, SSP06, SR12, Thi13c, YLY+18, ZZYN06, ZLTX19].
Algorithmic [Frah07]. Algorithms [BFL+22, DS00, Eng09, MBs+00, MSS09, NKV99, Rag07, Sul00c, Wep15]. Alignment [XHL+13]. All-Digital [Th15a].
All-Optical [GBPR11]. Alliance [CMN00]. Almost [Shi00a]. AlphaGo [Che16].
Alternative [ALH15, CF03]. Alternatives [EHG01]. Am [Sul07a]. Amazon [FPRK16, JRD+13]. Ambient [Dac16].
America [MHC+18, Smi00b]. American [Ano18d, Ano18e, Ano18f, Sca16]. among [Cho12]. AMP [Zhu16]. Analog [Azo06].
Analogous [CB02]. Analyses [Cor07, HE05, PLH+18]. Analysis [ALH15, AAH+08, Ano15e, BAD+21, BT01, BKK15, BCC+99, CR15, DVP+17, Da99, DH12, DLM04, DMR+09, DKWL17, EHG01, GARS+20, GM02, GYJL20, GNB+09, HAB17, HBB08, HB08, JSNR11, JXY+19, JRP+17, JON+21, KHE13, KLO7, LFC01, MRU+15, MAFM21, MB07, O’L06f, OMKdSB11, Ome06, P116, PAN+16b, RD05a, RD05b, SSEC11, SCW+17, Shi99, SPB+20, Sul06b, TGP+06, TKM+18, TGEA09, VN99, VGM+09, WT12, XYC+09, YLZ+19, ZLW+19, SOV+13]. Analytical [DPBS16]. Analytics [AAB+13, Ano14-44, Ano16-39, ERF21, GP15, KHE13, RSZ+20, RSZ+21, SAK+13, SBZB13, Wan18].
Analyzing [ABK+02, CS01a, DL00, O’L07a, O’L07b, SPW+13, Vla12, WGJ16].
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Animating [Sil00, YCZ07]. Animation [LJWC06, WLCJ12]. Anisotropic [FL05].
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Answer [Sul05a]. Antennas [PAN+16b].
Anthology [Nai15]. Anticocaine [Gar06a]. Antiproton [SSK02].
App [Day14a]. App-Scale
Apparatus [ZDW+07].
Appliance [SDCV10]. Appliances [How12].
Application [ACQ+20, Bas02, BAD+21, BHC+15, DGK16, DMA+21, DD07, HRROS9, Lau05, Lau06, LTG07, MM18, NdSS17, NdS17, SSCN11, SCW+17, SKP+10, SB00, WY12, ZZS+19].

Applications [Ano15b, Ano20z, ACF18, Ara99, BFF12, BC05a, BC05b, Bry11, CJL+18, CF99a, Che19, DBH+02, Di 11, DSK15, DYY+17, DG12, EVA+21, Fox03d, GZC14, HPMJ12, JSNR11, JGE20, KM10, KSB07, KTG08, KHC+07, LZZ17, Mem16, MV20, MHC+18, OKS10, PF04, PMFM14, PAN+16b, Rag07, Ran06, RLRML04b, SBZ+08, SSP06, SKC02, SL03, Shi07, SBZB13, SF11, SPB+20, Tec18, WCL14, WD06, ZLW+19, Wep15, Ano20a, Ano20f, Ano21a, Ano21b, Ano21l, Ano22e].

Applied [Coo14, MT00, Rei21a, Rei21b].
Apply [Eng15].
Applying [ST05, SFSK01, TX08, TMC+13, YLR02].

Approach [ABNZ09, Ama00, AM05, Bas14, Bet99, BZL+07, Che99, Che03, DPG+12, EGFL12, FGR+07, FGRS17, Gan02, JMEI08, Kal19, KC19, KPA+16, Kyr08, O’Lo5c, RNN20, RGD13, Rro06, SR12, Ste00, SKC05, VMK20, VWP12, Wul16, WC12, XKG05, YML06, YM14, ZS07, ZWYL20, GGD+05].

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Arbitrary [GLTZ10]. Arboreal [Shi03]. Archaeology [Day16a].
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Argentina [BPMKC21]. Argonne [CJ16].
Argument [Fox18]. Arithmetic [Bai05, O’Lo6b, PPE00, Smi03]. ARL’s [War18]. Arm [DiP18b, Els21]. Array [YBBP15, vDWCV11, CBF+22].
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Augmented [ACQ+20, DBJ+20, MV20, SPB+20]. Aural [yFZDY13]. Aurora [Lum07]. Australia [MMG+05]. Authentic [GARS+20].

Authoring [CBB+06, Sii02]. autor [Ram18]. Automata [MT00, Sch20].

Automated [DAV+12, Edd09, JPE20, KCO9a, KCO9b, KCO9c, MSB+14, Tex11, XKK+02].

Automatic [GMP+11, MAC08, RGD13].

Automatically [XHL+13]. Automation [OSM+19, Ram18]. Autonomous [LL19, VVN18]. Autorgressive [RD05b].

Autotuning [YB12]. AV [HWP16, HLS+16]. Available [CE18].

Avalanches [Boe00, KPD+99]. Avatars [YWC02]. Ave [Cho08a]. Average [Smi00b].

Award [Ano14y, Ano15g, Ano16n, Ano16p, Ano17p, Ano20-36, Ano21-48, Ano14y, Ano14-43, Ano16b, Ano17a, Ano18p, Ano18b, Ano18-38, Ano20-36, Ano21-47, Ano21-48, Ano21-46, Ano22a].

Awards [Ano16c, Ano16d, Ano17b, Ano18b, Ano18q, Ano20n, Ano21y, Ano21z, Ano20-51, Ano20-52, Ano20-53]. Aware [GHK217, TFF05]. Awareness [MM12].

Away [ERS+03]. awesome [Day12f].

B [Ano17a]. Baaack [Dub06a]. Babbage [Ano16b, Ano18b, Ano22a]. Babe1 [Cho09b].

Back [Cho08b, Her21, Sch17b, Thi11a].

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Balance [Kul07, WSC+04, YYL+18].

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Bang [BKK15]. Bangs [MKM+14]. Bar [SSW21]. Barrier [JC02]. Based [ALH+20, AAGH17a, AAGH17b, Ama00, Ano16-40, ACF18, AM05, AGC+16, Aya14, BCC+09, CL14, CF99b, CYW01, DVP+17, DCW07, DZZ19, DZZ20, DAKM16, DMA+21, FODLV+11, GW15, GPM+20, GYJ20, GNB+09, HLS+16, HPWS16, HLYQ19, HGV+08, HSJ+19, HXMC05, JJ15, JLYL19, Jq19, KSW+12, KMS10, KPA+16, KVP+16, KBPW15, LF01, Les16, LGJ+19, Lu012, Mil10, MWC+16, NLGNJ13, NW13, NWP19, Osk07, PL07, PTML11, PCY14, Peo20, PQQ20, Pi16, Pos09, PMW20, QSEQJFH20, Ra16, Ram18, SÜP+11, SSCN11, SSG16, SBW+19, SDCV10, SAK+13, Sny13, SR12, SGRK+18, TMMB18, Te18, TKM+18, TNV+02, VMK20, WWP12, WCWM21, WLCJ12, WCC+02, WPM+12, Wan18, WCH12, WCC+19, YYL+18, ZDW+07, ZZC+19, ZWYL20, ZZYNH06, vGDS18, GGD+05].

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Be [Alt10, Ano16q, Ano16r, Ano18s, Ano19a, BS02, Cho07e, Dub08a, Got01, Sul04f, S06c, Roa04]. Beacon [BHC+15]. Beam [SG00]. Bean [Dub05a]. Bean-Counted [Dub05a]. Bearing [ZZC+19]. Beat [DC04].

Become [Lew00c]. Becoming [Day11b, Got14b]. Been [Day07b, Flai17, Smi99a]. Beetles [O’L07a, O’L07b]. Before [DC04, Day15a].

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[Bor02, FSD02, MM04, MDK16, Par16,
Tof08, Tof09a, Tof09b]. Chemistry [BW14,
Das00, GS03, HS03, IBPV03, PP20, Sch17b,
SDD+08, TM00, UM08, WQAEG10].
Chemora [SBB+15]. Chess [Hsu06].
Chicago [Ree16]. Chief [Ano22q, Cyb99a].
Chihuahua [Day10a]. Chile [BB20]. China
[JJZC10, QL19, YLCZ05]. Chip [For01].
Chiral [Ma07b]. Chirp [Don06b]. Choice
[Bea00]. choose [Ano16y]. Chore [Toh07].
Christof [Lov04]. Chromodynamics
[Ale15, GHK+08]. Clik [Roh13]. Circuit
[For01, MAFM21, PGC21, WCC+19].
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[Ano05b, Ano09b, Ano10c, Ano11c, Ano11d,
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[CGZ20, Dnu20, HBG+20, HPC20, KHC+20,
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[Chr15, COS+15, JJ15, Mem15, MSR15].
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[Ron14]. Classical [RD05a]. Classification
[LPY18, LPCY19, PSS20, ZLW+19].
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[Mei10, SAC15]. Classrooms [NG20].
Clearance [YWMM04]. Clearly [NO03].
Clerman [Mol12]. Cleve [Mar99a]. Click
[ERS+03]. CLiiME [NCM+14]. Climate
[Bak21, Bal15, DBPS16, EJ09, ED15,
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[HH99, KNV03, MO03, YCK03, Zhu02].
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[BDCT05, DJS13, DSS05, EKCS12]. CMD
[BTL19]. CMD-IT [BTL19]. CNNs
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[BJ02, Bar20b, BFH21, BW14, CGZ20,
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[Hus22]. CoFlaVis [MRKK17]. Cognitive
[Fox18, Thi13b]. Coherence [Kus06a]. Cold
[FAFX20]. Cold-Start [FAFX20].
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[Hin19, MSS09, Ott16]. Colleague
[Ano19-38]. Collection [JJ15]. College
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[Ano16e]. Combinatorial [GRS08]. Combinatorics [BS08, Gut01].
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Commends [Ano12b]. Commentary [CHM+20b, CHM+20a]. Committee [Ano18z, Ano19y]. Common [OS04].
Communities [GZC14, PS17, TTT15]. Community [BBM+21, Chu21, Den16, ES008, Fom15, GPMSC20, HPC20, KMB+19, PMP21, PK8, RBC+19, SGRK+18, TS10, VGD+11, WDC18, WBB+20]. Community-Cyberinfrastructure-Enabled [ES008].

Company [Ano15h]. Comparative [AAH+08, DLLM04]. Comparing [HBG+20, JRD+13, Mis02, Sil02]. Comparison [Mus20]. Comparisons [Eng09]. Compartmental [PHW+21].

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Compressors [GvdWT07]. COMPSAC [Ano19d, Ano19e, Ano20x, Ano20y]. Computability [Lau02].

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[AAGH17a, AAGH17b, Ano13i, Ano13h, Ano14z, Ano14-29, Ano14-27, Ano14y, Ano14x, Ano14-28, Ano15x, Ano15y, Ano15z, Ano15-27, Ano16t, Ano16q, Ano16u, Ano16r, Ano16z, Ano16v, Ano16m, Ano16s, Ano16-27, Ano16w, Ano16o, Ano16x, Ano16p, Ano16m, Ano16y, Ano17o, Ano17j, Ano17k, Ano17l, Ano17m, Ano17p, Ano17n, Ano17-31, Ano18t, Ano18u, Ano18v, Ano18w, Ano18x, Ano18s, Ano18r, Ano19t, Ano19u, Ano19m, Ano19o, Ano19p, Ano19q, Ano19r, Ano19v, Ano19s, Ano20z, Ano20-33, Ano20-35, Ano20f, Ano20-46, Ano20-38, Ano20-39, Ano20-47, Ano20-51, Ano20-40, Ano20-48, Ano20-52, Ano20-41, Ano20-49, Ano20-44, Ano20-42, Ano20-43, Ano20-53, Ano20-50, Ano21-42, Ano21-43, Ano21-44, Ano21-40, Ano21-41, Ano21-45, Ano21-41, Ano21-49, Ano21-64].

Computer-Simulated [Tre99].

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[Ano15b, Bal17, CL01, Cra03, Cre99, Day12d, Day16b, Dun09, FHM09, GS13b, JT01, McC21, PSA14, SDA14, Ano20u, Ano20v, Ano21-32, Ano21-33, Ano21r].

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[Akl18, Ale18, Ano18y, AMS14, Ano13b, Ano17c, Ano18-41, Bak10, BFF12, Bal15, Bal99, BT17, BKRT21, BPW+20, BTL19, Bar21c, BCH+09, BM99, BS99a, BS00a, BS00b, BS08, BST+06, BCC+09, Biz16, BT01, Bog05, BC05a, BC05b, BCJK99, BB01, BCH+22, BHC+15, BBM+21, Bry11, CHB19, CR15, CF99b, CN03, Che15, Che16, ChJC05, Cho06d, Cho06g, CSC10, CG09, CW20, CT00, CHM+20b, CHM+20a, Cyb02, DD05, Dan99, DCW07, Day06a, Day13b, Day15e, Day17d, Den16, DMXR+14, DW01, DSSS05, DT+17, DRR+04, DKWL17, DMT+21, ES18, EDJ+10, EHG01, FKS15, FLV+09, FM13, For00, FG01, Fox01, Fox02b, Fox03b, Fox03c, Fra02, FPRK16, GHT+10, GR08, GB20, GKH+08, Gor05a, Gor06a, Gor07b, Gor07d, Got06, GS13a, Got14a, Got15, Got16, Got17, Gr09, HP14a].

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[Ano21-53, Ano21-59, Ano21-54, Ano21-65, Ano21-60, Ano21-55, Ano21-56, Ano21-61, Ano21-50, Ano21-57, Ano21-62, Ano21-51, Ano21-63, Ano21-66, Ano21-52, Ano21-58, Ano21-67, Ano22k, Ano22c, Ano22l, Ano22m, Ano22n, Ano22o, Ass00, BMP+06, BT10b, Boe00, CF99a, CSS00, Day06c, Day17a, Dec15, FL99, FM02, FG99p, Gig00, GPMSC20, Gor08b, GH00, HHR02, HT99, Jav12, JS99, Kad04, KS00, KS13, KPD+99, KBPW15, LDS19, Les16, Lew02b, LWT+13, LPV00, Los03, MMTD+17, MB99, New00, OW01, O’L06b, PKST08a, PKST08b, PKST08c, PA21, PR01, Ran06, Ree16, Saa09, SDA20, SW10, Sca16, Sch14, Schl5, SS06, Shi01b, Slo16, TS02, Tre99, Var08, Vla12, WMB20, WCP17, dKCAY00, Mat05, Ano18y, Ano19-29, Ano19-30, Wil01, Ano20a, Ano20-72, Ano21a, Ano21b].

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Computer-Guided [BT10b].

Computing
[HP14b, HP20, HLRW17, HC99, HRAB05, HJLH03, HB08, HGV+08, Hig04, Hin17b, Hin18c, HG02, HP04, HPMJJ12, How12, JH16, JR10, JLNR19, JCC+10, Joh12, JPMG08, JON+21, KKO+20, KM99, KT08, KFS18, Kel10, KS07, KT08, Kin09, KWB+10, KT11, Kin12, KS13, KLQ19, KILZ13, Kup03, KBLD08, Lan19, LMPV13, LM08, Lat16, LUMM14, LA18, Lew02c, Lew02a, LZZ17, LAY04, Lun01, MP09, MB20a, MWE08, MR06, SMTD+17, Mme18, Mes17, MMG08, MMK+14, Muc09, MSD10, NG20, NC03, Nob00a, Oli07, Osk07, PGF+15, Pap16, PA12, PLW17, PG07, PHG11, PMP21, Pos11, Pos13, QL19, Rag07, Ram18, RVG+10, SA08a, SA08b, SBZ+08, SBB+15,
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SKC02, SBW+19, Sch18, Sha14, SES+11, SL99, SOH13, Smi00a, Smi16, SKA+02, SS09, SLM12, Sto10, SGS10, Str10, ST99].

Computing [Sul09a, Sza11, Ter11, Thi05, Thi09b, TP13, Tho99a, Tho99b, Tho00, Tho01, Tow18, TBVP+21, Tsa14, VB08, VPL18, VGD+11, VM15, WCGB05, WCAL14, WBP+19, WG15, WR00, Wes21, Wri16, YLZ17, ZFS12, ZGR+17, ZAF+01, Beh05, Ano03, Ano05a, Ano12b, Ano13g, Ano14v, Ano15w, Ano16l, Ano16-30, Ano18-28, Ano19-40, Ano15-45, Ano18-45, Ano19-39, Ano20-64, Ano21-29, Ano21-30, Ano21-31, Ano21i, Ano21j, Ano21k, Ano21s, Ano21t, Ano21u, Ano22d, Ano22h].

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Contour [GMPR11, ZDZ+07].

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Contradictions [Dub07a].

Contribution [MMG+05].

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Converge [HF04].

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Coordination [YYL+18].

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Coprocessors [BHC+15].

Copyright [Sto09].

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Corps [Deu16]. Correction [Nan11].
Corrections [CHM+20b, DLLZ20, RSZ+21].
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[Peg12]. Crunching [KM12, Peg12].
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CSIFT [LPCY19]. cT [Shi00c]. Cuban
[CE18]. Cubes [DSC+09, WY12]. Cuckoo
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Cyberplatform [CHP+18].
Cycles [Ome06].
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D [Ano14y, Ano20-36, Ano21-47, Ano21-48, Sny13, Ama00, Ano15-38, Ano15-39, BB07, CFA04, CY00, CHC+11, CS14, CS15, DVP+18b, GWA+07, HMA00, HL00, Hun07, LWF10, MJA09, OMK+S11, RV11, SDS00, SYM+18, Weg00, XHL+13, YWC08, VCGS11, Vor01a, WY12, WZ11, WJ16, YKD+03, YBBP15, ZMM03, dSRT+16, KS20, LL18, Ma03, MRU+15, NKV99, NCB+05, NSLD99, PARD13, PT14, PSR+20, PCY14, PLW17].
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Damage [BP99, MSR+20].
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Darnedest [Dub18b].
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Data [PFS21, PGH+05, Poi10, PTH13, Pos16, RV11, RBK02, RP20, SSP06, SYM+21, SDCV10, SKNV03, SRM+07, SCW+17, Shi01a, Shu06, SAK+13, SR13, SPB+20, STG08, Sza11, TAF+18, TR08, TL04a, Thi12b, TNV+02, VGM+09, Vil08, VCGS11, Vor01a, WY12, WZ11, WJ16, YKD+03, YBBP15, ZMM03, dSRT+16, IK05, Ano16-28, Ano16-29, Ano18-27, Ano20j, Ano21m, Ano21n, Ano21o, Ano21p, Ano21q, Ano21x, Ano22g].
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Data-Driven [Col18, PSR+20, PGH+05].
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Ecosystem [Bar21b, DBCN03, PGH11, Tow18, WCGB05, TBVP+21]. **Eddy** [DJS13, YWMM04]. **Eden** [SOH13]. **Edge** [KSSF11, Ano19a, Ano19b, Ano20b, Ano20c]. **editable** [Hin18d]. **edited** [Lov04]. **Edition** [Dub04, Seg99]. **Editor** [Ano07, Cyb99b, Sul99a, NLV99, Ale13, Asr04, BLMR21, Ber99, Cho03, Cyb99a, Dub07e, Dun09, Eth01, Got06, Kar02, Kax01, Kup03, MS99, Pos04a, Pos04b, Pos07, Qua18, Run00, Run05, Sul09a, Win06]. **Editor-in-Chief** [Cyb99a]. **Editorial** [GS13a, HP14b]. **Editors** [Ano22q, Cyb00a, Cyb99c, Cyb00b, Kal99, Kil99, MBS+00, MHDM99, Sul99b, Sul00c, Sul00b, Sul00a, BC05a, AM15, Ano04b, BC99, BS06a, BC05b, CE14, CN03, CZ07, CLZ13, Cho05c, Cho05d, CF13, Cyb00c, CS01b, DS00, FC09, FF03, For16b, HP14a, HS03, HG02, HP04, KS02, MF16, MR06, Mem15, NC03, NL99, PT14, PV00, PS02, RC01, SS02, Sul01a, Sul01b, Sul03c, Sul03d, Sul03e, Sul04a, Sul04b, Sul04c, Sul04d, Sul04e, TA05, TX07, Thi05, TB99, TP04, TM00, VP04, VN99, Wai16, WR00, ZW19]. **Education** [Adl20, Ano16c, Ano16d, Ano17b, Ano18b, Ass00, Bác07a, Bei12d, BB06, BERT09, But99, Day06b, Don99, FGP99, Gor13, GL20, HL00, Hu07, JHJ01, JPMG08, KMB+08, Lan06, LM08, Mar17, Mas06, MS07, PMK+08, Peo20, PP20, Roo06, SDA20, SDD+08, Tan21, Thi12a, TX08, TMC+13, Tre99, YRT+00, YMLJ06]. **Educational** [Chr99, MHDM99]. **Effect** [Chr99, Don02, KS06]. **Effective** [KC19, PTML21, SNCM16, SGRK+18, TS02]. **Effectively** [Luo13]. **Effects** [PQQ20, ZMM03]. **Efficiency** [BMCC21, MM16]. **Efficient** [CLC03, Hoe10, RK05, SH10, SSP06, SES+11, Yav06, ZJW08, ZLTX19, dKCAy00, vdWCV11]. **Efficiently** [CPdlF+12]. **Effort** [Fom15, Got02b]. **Efforts** [MB20a]. **EICs** [SCBT18]. **Eigenpairs** [GBDW04]. **Eigenstates** [Nob02b]. **Eigenvalues** [O’L05a]. **Einstein** [KF03, STTV05]. **EJB** [Lau05, Lau06, LTG07]. **Elastic** [MJA09]. **Elastoplastic** [O’L04a]. **Electrical** [CB02]. **Electricity** [Ass00]. **Electro** [Roh10]. **Electro-Mechanical** [Roh10]. **Electrocatalytic** [VWP12]. **Electrodynamics** [Hei20]. **electrograms** [SOV+13]. **Electrohydraulic** [YMHQ19]. **Electromagnetic** [JLYL19, LFN+11, XZL+19]. **Electromagnetics** [KHC+07]. **Electronic** [Bj02, GBDW04, GS03, Kup03, NG20]. **Electron** [KHC+07]. **Electronic-Textiles** [NG20]. **Electrons** [SDA+14]. **Electrostatic** [CLC03]. **Elements** [Ara99, BGHR06, JC02, O’L05g, Pos16]. **Eliciting** [Rao16]. **Elliptic** [Don10]. **ELM** [LPCY19]. **Elusive** [Lew01a]. **ELVIS** [Tou03]. **Email** [Day15c]. **Embedded** [JR10, Lan19, NW15]. **Embraced** [RTSS14b]. **Emergencies** [Par16]. **Emerging** [Dec15]. **eMinerals** [BDCT05]. **Empirical** [SCW+17]. **Emptor** [DC04]. **Enscripten** [Zak18]. **Enable** [DAKM16, FL21, HC99]. **Enabled** [BDCT05, ESO08, GKA08, GS03, Kup03, JY+02, JX+19, LFC01, WWJH20]. **Elementary** [Ono01]. **Engage** [WMB20]. **Engagement** [Den16, PBSS14]. **Engine** [SP18, GHK+08, SKP+10].
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[BKK15]. Fight [HP20, Wes21]. File
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[MRKK17]. Flash [RCD+00]. Flashes
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Floating-Point [Bai05, TM14]. Flow
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GvdWT07, GIH+12, HF04, JMFJ01, Jo19,
KSW+12, Maa16, NW13, RSC+14, TGEA09,
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[Han03, Jav12, SK01]. Following [FTH06c].
Force [JL1P14]. Forecast [Gor07b, SSS99].
Forecasting [Lew07, STHR12]. Forecasts
[DWC+11, Gan02, KL14, ZQY+11].
Forefront [GLS11]. Forests [DDCN10].
Forever [Smi99]. Forgeries [Gor05b].
Form [Yas17b]. Formal [KNKP14].
Formalism [GW15]. Formalism-Based
[GW15]. Format [Ben09, Poi10].
Formation [CDKF15, SETK05, SNTL13].
Formats [CY00]. Former [SCBT18]. Forth
[Nob00b]. Fortran [Mol12, CRDO16,
DNG07, DY99, Fos17, GRE99, JPE20,
Pad00, PMP+00, Ree03, RMX12].
Fortranning [Mol12]. Forty [WG15].
Forum [KFMG20]. Forums [LSPN21].
Forward [Cho05f, Her21]. Foster [For99].
Fostering [Lew00a, Lew00b, Lew00c].
Fourier [DPR05c, DR05b, DR05a, Don06a,
Don06b, RD05a, RD05b, CS18, Cor07, Mus20, Tre99].
FP [DPP+01]. FP-LAPW [DPP+01]. FP7
[Ale18]. FPGA [BMP+09, BCC+09,
HGV+06, NLGNJ13, SDCV10, SG10, TJ14].
FPGA-Based
[BCC+09, HGV+06, NLGNJ13, SDCV10].
FPGAs [AAAH+16, LHZ21, VKM20].
Fractal [ARO+11]. Fracture [BP99, Han05,
RcK99, VN99, VKN99, XHL+13]. Frame
[Wil01]. Framework [ALH+20, APC+19,
CBB06, DLO0, EP10, GBW04, GYL+17,
GRS08, GSB+12, HCH17, Ikki16, KRR+12,
KFS18, KSM+17, LVLA14, McK11, PGC21,
Ram18, RPBE12, RPB14, SBB+15,
SNCT13, Sto09, VCSS11, ZFS12, HDB+04].
Frameworks [HMB+14]. Frankenstein
[Sul03c]. Free
[Shi00c, THG07, XKG05, dKCA00]. Free-Energy [dKCA00]. Freedom
[Ano15-44, Lew00b]. Freestyle [TR08].
Frequency [CPdlF^+12, PAN^+16b].
Frequency-Domain [CPdlF^+12]. Fresnel [Tre99]. Friendship [Sim13]. Front [Ano13f, Ano14a, Ano14o, Ano14p, Ano14q, Ano14r, Ano14s, Ano15r, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano16f, Ano16g, Ano16h, Ano16i, Ano16l, Ano16k, Ano17i, Ano17e, Ano17f, Ano17g, Ano17h, Ano18o, Ano18k, Ano18l, Ano18m, Ano18n, Ano19h, Ano19i, Ano19k, Ano19l, Ano19m, Ano20-32, Ano20-27, Ano20-29, Ano20-30, Ano20-31, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano22j, SG10, Ano19j]. Front-Side [SG10].
FRONTERA [GARS^+20, CED^+21, WNDV21]. Frontier [Gec18, Kos07, SP18]. Frontiers [HP14b, HJLH03, Poss04a, Poss04b]. Fuel [SP18]. Fuel-Engine [SP18]. Full [HLYQ19, Nob02a]. Fullerenes [SMC01].
Fully [ZZC^+19], Fun [Day11e], Function [BHC^+08, Don10, KEF07, LWG19, NSR10, Rus01a]. Functional [GW15, Hin09, Kar99, LT09, MB07].
Functions [LTD11, MAC08, Rei21a, Rei21b, Rus01b, Rus02, Rus03, Tho99b, Tho00]. Fund [Ano22a]. Fusion [ECK^+15, HSJ^+19, Ma16, TWE14, SMM^+11]. Future [AHL^+11, Bec15, Cho07c, Cho08b, CW20, Dau99, Day06c, Day12a, Day19a, DSSS05, Dub07f, Dub07d, EKLY07, GB20, Got15, Got16, Hin13b, JH18, LWVK02, LL18, Mar17, Pos11, Rei03, SPS15, SACR21, Smi00d, Sui04f, Thi11a, Thi13a, Thi15a, Thi15b, TW03, WP22, YCD^+21, Zha11].
FutureGrid [JRD^+13]. Fuzzy [CS01a, DKCL14, Fra07, GFY^+10, LLQ18, ZLW^+19]. Fuzzy-Neural [Fra07]. FVDM [HLYQ19]. FVTD [SWPB00].
Gauging [Day08a]. Gauss [Cor07, Nob00a, Ome06]. Gaussian [Bal99, Nan11]. Gay [Wri16]. Gei [da03].
Gen [Smi00c]. Gender [Les16]. Gendered [Bot16]. Gene [YCK03]. General [MW11a, SSC18, Wat21, YLR02, Zei17].
General-Purpose [SSC18]. General-Relativistic [MW11a].
Generation [BBWW22, BFH21, CHJC05, Gec16a, HP15, MAC08, McM09, RGD13, Slo16, Smi00c, SPJ^+14, Tha14, Thi04, Thi15c]. Generic [Kyr08, MM18, SL99, IK05]. Genes [CAS^+07]. Genetic [Bea00, FL99].
Genome [Mye99, STM99]. Genomes [Mis02]. Gentoo [Thi04]. Geodesic [RRH^+02, WLCJ12]. Geodetic [Mat05].
Geodynamics [GPC00]. Geographic [Che10, WCC^+02]. Geometric [Lui06, ZZPC06]. Geometries [FGR^+07]. Geometry [Ch21, DAKM16, MP14, O’L12, RLRML04a].
Getting [Gra09, KSB07, MAFM21, O’L05g, Wil06]. Giant [LWT^+13]. Gide [CO15]. Ginzburg [Osk07]. Girls [Sca16]. GIS [GFY^+10, JJJZC10, Shi07, WPM^+12].
Gismo [BCA^+00]. Glacier [BZL^+07]. Glass [YZZ04]. Glasses [BHKW03, DCC10]. Glast [BCA^+00].
Glimpse [Hin13b]. Glimpses [Hin13b].
[Sin18, Ano18]. **Global** [BB07, BBM+15, CNO99, ECK+15, KE05, LAY04, MRNT17, SH10, TR08, TLD02, YCD+21]. **Globally** [KFMG20, XBK10]. **go** [Ano14-55, Ano14-56, Ano15-48, Ano15-49]. **Goal** [SBW+19]. **Going** [Sul02c]. **Golomb** [Men16]. **Gone** [FL21]. **Good** [Bei10c, Dub99, Poi10, Sul04b]. **Goodbye** [Dub08b]. **Google** [Cha08]. **Googol** [Cha08]. **Got** [Dub15b]. **GPGPU** [HKB12]. **GPS** [Tou02a]. **GPU** [BFF12, CJL+18, CG09, DJS13, EKCS12, FKB+13, FPRK16, Gra09, Kel10, MMG08, RR21, SES+11, TGP13, VGD+11, WQLZ18, Wei11, WCH12]. **GPU-Accelerated** [FPRK16]. **GPU-Based** [WCH12]. **GPU-Enabled** [TGP13]. **gpu.js** [SSC18]. **GPULib** [MMG08]. **GPUs** [Ale15, BKB20, Kin12, SSC18, STH22, Wei21]. **Grabbers** [Wil01]. **Graders** [Ste14]. **Gradients** [Tof09b]. **Graders** [Wil01]. **Grading** [Ste14]. **Gradients** [Tof09b]. **Grading** [KC09a, KC09b, KC09c]. **Graduate** [BLMR21, BHV21, GN08, LC09]. **Grain** [Bil00]. **Grained** [BMCC21]. **Grande** [Fox03d, WSC+04]. **Granular** [Saa09]. **GRAPE** [Mak06]. **Graph** [CS18, Coh09, HB08, Wan18]. **Graph-Based** [Wan18]. **Graphene** [Ste12]. **Graphical** [ATRA00, CO15, UM08, WOAEAG10]. **Graphicality** [Clo15]. **Graphics** [Ano20a, Ano20b, Ano20f, Ano21a, Ano21b, Ano21i, Ano22e, CF99a, CY00, Che03, HRWS06, Run07, KSP12, SDS00, SJDV09, Wat21, Zhu16]. **Graphs** [Dru20, JG13, QSEQJFH20]. **Gravitational** [ACF18, BVT+21, LL13, SV14, SR12]. **Gravity** [KNKP14]. **Gravity-Induced** [KNKP14]. **Gray** [Jq9]. **Great** [Lov04, Smi99f]. **Green** [Hem10, MSD10]. **Grid** [BB07, CCJ04, FG01, Gor07d, GWA+07, HF04, SYP08, YLCZ05, BC05a, BC05b, BDCT05, CHJC05, Fox02b, Fox03a, Fox03b, Gor07b, JRD+13, Zhu02]. **Grid-Enabled** [GWA+07, BDCT05]. **Gridlock** [FLV+09]. **Grids** [BW06, CB02, FG01, Fox04a, RRH+02, SAK+13, WB03, CB02, Fox03c, WCGB05]. **Gröbner** [RLRML04a, RLRML04b]. **Gross** [STTV05]. **Ground** [Cho05e, For02, GL20, JRP+17, LGW+17, MR13]. **Ground-Range** [MR13]. **Group** [BB06, Day11c]. **Grow** [Yas17b]. **Growing** [Cho04, PL07]. **Growth** [Amo18, PBD+11]. **Guest** [Ale13, AM15, Asr04, BC99, BS06a, Ber99, BC05a, BC05b, CE14, CN03, CZ07, CLZ13, Cho03, CF13, CS01b, DS00, Dub07e, Dun09, Eth01, FC09, FF03, For16b, Got06, GS13a, HP14a, HP14b, HS03, HG02, HP04, Kar02, Kax01, KS02, Kup03, MF16, MR06, Mem15, MS99, NC03, NL99, PT14, PV00, PS02, Pos04a, Pos04b, Pos07, qua18, RC01, Run00, Run05, SS02, Sul09a, TA05, TX07, Thi05, TB99, TP04, TM00, VP04, VN99, Wai16, WR00, Win06, ZW19]. **GUI** [OASFLAB09]. **Guide** [KL15, Lew10, Pek04, Ts14]. **Guided** [BT10b, DiP18b, DTA21, JT01, VWL+11, ZFS12]. **Guides** [Sch01]. **Guiding** [Bur18]. **GV** [LGW+17]. **GW150914** [BVT+21]. **Gyrokinetic** [ECK+15]. **H5N1** [Rao16]. **Hackathons** [CJL+18]. **Hadron** [Mor15]. **Hail** [Bei12b]. **Hair** [YZC+13]. **Halos** [Jon15]. **Hand** [Ano15i, HYW05]. **Hands** [CBF+22]. **Hands-On** [CBF+22]. **Hans** [Ano21-46]. **Haptics** [EPHY18]. **Hard** [Sul03b]. **Harder** [MB17]. **Hardest** [CS01b]. **Hardware** [AAAH+16, Day08c, EP10, For01, Hoe10, HS06, NJ08]. **Hardware-Independent** [EP10]. **Harlan** [Ano14y, Ano18p, Ano20-36, Ano21-47, Ano21-48]. **Harmonic** [DMR+09]. **Hash** [MPP14]. **Hashing** [OBB17]. **Haskell** [CL12]. **Having** [Ben04]. **Hazard** [KMM+11]. **Hazards** [MT00]. **HC** [Bak10]. **HC-1** [Bak10]. **Headroom** [Cho05a]. **Healing** [CJ16]. **Health** [Ano19f, Day13e]. **Healthcare** [TGU21]. **Hearing** [Gio02].

I-V [Azo06]. Ianus [BMP+06]. Ice [THGS07]. Ice-Free [THGS07]. ICTVdB [BO03]. Ideal [Smi00a]. Identification [CPdlF+12]. Identifiers [HBB+20]. Identifying [BH02, EUD15]. IDL [Gal11]. IEEE [Ano16b, Ano17-31, Ano18b, Ano19r, Ano22a, Ano13g, Ano13i, Ano13j, Ano14v, Ano14u, Ano14z, Ano14-29, Ano14w, Ano14-27, Ano14y, Ano14x, Ano14-28, Ano14-31, Ano14-30, Ano15w, Ano15x, Ano15y, Ano15z, Ano15-27, Ano15-35, Ano15-36, Ano16l, Ano16t, Ano16q, Ano16u, Ano16r, Ano16z, Ano16v, Ano16n, Ano16s, Ano16-27, Ano16w, Ano16o, Ano16x, Ano16p, Ano16m, Ano16y, Ano16-28, Ano16-29, Ano16-30, Ano17o, Ano17j, Ano17k, Ano17l, Ano17m, Ano17p, Ano17n, Ano18t, Ano18u, Ano18v, Ano18w, Ano18x, Ano18s, Ano18r, Ano18y, Ano18-27, Ano18z, Ano18-28, Ano19t, Ano19u, Ano19n, Ano19o, Ano19p, Ano19q, Ano19v, Ano19s, Ano19w, Ano19x, Ano19y, Ano19z, Ano20-46, Ano20-38, Ano20-39, Ano20-47, Ano20-51, Ano20-40, Ano20-48, Ano20-52, Ano20-41].

IEEE [Ano20-49, Ano20-44, Ano20-42, Ano20-43, Ano20-45, Ano20-53, Ano20-50, Ano20-54, Ano20-56, Ano21-49, Ano21-64, Ano21-53, Ano21-59, Ano21-54, Ano21-65, Ano21-60, Ano21-55, Ano21-56, Ano21-61, Ano21-50, Ano21-57, Ano21-62, Ano21-51, Ano21-63, Ano21-66, Ano21-52, Ano21-58, Ano21-67, Ano22l, Ano22m, Ano22n, Ano22o, Ano19c, Ano20q, Ano20r, Ano20u, Ano20v, Ano20-33, Ano20-34, Ano20-35, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20m, Ano20k, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-42, Ano21-43, Ano21-44, Ano21-40, Ano21-41, Ano21-45, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21p, Ano21q, Ano21r, Ano21s, Ano21t, Ano21u, Ano22k, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h]. IEEE-CS [Ano16b, Ano18b]. Ignition [Ged16b, LBS14]. II [BC05b, DR05a, Läu06, LT09, Mal07b, Pos04b, RTSS14b, Rus01b, SA08b, WHG21]. III [LTG07, Rus02, RD05a]. IK [WLL+14]. IK-SVD [WLL+14]. Illuminating [DRR+04, Ged16b]. Illumination [BB07, Dac16]. Illustrator [To08, To09a, To09b]. Image [CO15, CS11, Eng15, FSED10, FKB+13, KSSF11, LFC01, LPY18, LPCV19, LHXG18, MP09, NO03, PL07, Pey11c, Van12, VWL+11, ZFS12]. Image-Based [LFC01]. Image-Guided [VWL+11, ZFS12]. Imagenation [Wil01]. Images [BBM+21, Day15a, Gig00, GMPR11, JG12,
MFD+09, YWC02. Imaging [JT01, MJAK09, MB07, QPCJ07, Rei21b, UGV11, Rei21a]. Imbalanced [RRN20]. Immune [KS00]. Immunology [Cyb99b]. Impact [CJL+18, CR15, Day08a, ERF21, ECK+15, GWMG04, HPC20, Ree16, Sch15, STG11, Van12]. Imperfect [Day16d]. Impingement [MPR18]. Implement [SDA20]. Implementation [MVUSK14, SCW+17, TLD02]. Implemented [Naj08]. Implementing [GEH+99, GDDR16, Joh06, ZFS12]. Implicit [RSC+14]. Importance [BS99b, Chu21, Fox02c, PCY14, Thy20]. Importance-Driven [PCY14]. Important [Day07c]. Impressive [Nai15]. Improve [Eis17, STG11, WJ04]. Improvement [MBH14]. Improves [Jon19]. Improving [BMCC21, CJTH+13, FAFX20, Gan02, KL07, LPCY19, MM16, PSS20, SUM+11, SNCT13, YLZ17, ZQY+11]. In-Silico [KFS18]. In-Situ [BAD+21]. In-Socket [SG10]. Inaugural [WDC18]. Included [Dub07b]. Inclusion [Akl18, Leu17, Leu20, SL18]. Inclusive [Deb18]. Inclusivity [Mil21]. Income [Slo16]. Incompressible [DJS13, DGK16]. Incorporating [JLNR19]. Increase [MMTD+17]. Increasing [DBB+21]. Incremental [Roo06, WLL+14]. Independent [EP10]. Index [Ano99, Ano00a, Ano01, Ano02a, Ano03, Ano04a, Ano05a, Ano06, Ano08, Ano09a, Ano11c]. Indifferent [Sul04b]. Individual [Biz16]. Individuals [Oli13]. Indoor [KLMS99]. Induced [FCT+10, KNKP14]. Industrial [Das00, Mil10]. Industry [Ano14t, Bea00, Bet99, Fei05, Gyu99, Haq99, WLCD01, YAA+00]. Infected [Sch21]. Infection [O’L04c, O’L04d, Sch21]. Inflection [Gar17]. Influence [AM05, DKWL17]. Influencers [CHM+20a, CHM+20b]. Influences [JH16, Sca16]. Inform [DBC03]. Informatics [DBC03, GKG+15, Liu15, MSM13]. Information [Ano13i, Ano14-29, Ano18c, Ano18d, Ano18e, Ano18f, Ano18t, Ano18u, Ano18v, Ano18w, Ano18x, BMN03, BCL03, Cha08, Che10, FL99, Fox02a, Fox03c, Ged16a, Kal99, KNV03, Lew00b, LLQ18, MO03, MSL02, Pok04, Qua18, Qua19, TW17, ZS07, ZYKG04, SM+11]. Information-Theoretic [KNV03, ZS07]. Infrared [ML02, UGV11]. Infrared-Scene [ML02]. Infrastructure [Ale18, Cyb99b, Got02b, MTG+12, Got15, Got16]. infrastructures [SPS15]. Initial [LTD11]. Initialization [WZZ11]. Initiative [SDA20, Ano18-41, ES18]. Inner [YZC+13]. Innovating [Goo17]. Innovation [FL21, McM09, Men18, NIl17, PG17, SSK13, WMB20]. Innovative [For99]. Inpainting [FSED10]. Inria [ACG+20]. Insights [Ano14t, Dub21, Mal07a]. Inspection [DLLZ19, DLLZ20]. Inspired [For00, Gor08b]. Instabilities [BW01, ZB04]. Institute [Ano18d, Ano18e, Ano18f, CGK+18, ABC+14, CHH+13, MMG+05, Par12, WDC18]. Institutes [WDC18]. Institutional [Biz16]. Instruction [CL01, CW05b, CW05c]. Instructional [Rec16]. Instrument [CBF+22, DC04]. Instruments [Tou03]. Integer [AB03, BAI00]. Integral [AMA00, Ron14]. Integrals [Ron14]. Integrated [CAP+10, DDV+08, GF04, HKB12, HEH+10, JMLE08, NCB+05, PGC21, RF00, She07, WQT+16, WWJH20]. Integrating [CHB19, CF99b, Fox03c, Hu07, MCE+03, YWC02]. Integration [BBF20, Nan11, Nob00a, O’L04e, Tur15, ZYHN06]. Integrative [CL01]. Integrity [Bak21]. Intel [BHC+15, DADY15, HKB12, Rob13]. Intelect [Ano14-32, Ano15-28]. Intellectual [Cyb99c, SLK+20]. Intelligence [BBF20, Gor06b, SGRK+18, TKM+18]. Intelligent [BO04, Qua18, Qua19].
Intensive [AHL’11, Bry11, HPMJ12, NCB’05, SYM’21, Sza1]. Interacting [CHM’20b, CHM’20a, DGR’05, HL’00].

Interaction [Kus06b, LCY’04, MRNT17, MPR18]. Interactions [EUD15, LBS14, SNTL13]. Interactive [BBW’20, DH12, HLYQ19, Lan02, Mar02, PG07, PFS21, PTH13, RR21, SDS00, Sic09, Sil02, TC21, VGM’09, Vor01b, WAS’12]. Interactively [LM07a].

Interbeat [TGP’06]. Intercalation [PAF08]. Interconnect [Mei03]. Interdisciplinary [GN08, Tan21]. Interest [JH16, O’L04b, SKA’02]. Interface [BJ02, GRE99, OW01, VGM’09].

Interfaces [Ben04, PV00, Shi01b, Smi99d, Smi99a, Smi99c, Smi99c, Smi99f, Smi00a, Smi00c, Smi00b, Smi00d, Smi01b, Smi01a]. Interferometric [Zeb00]. Interinstitutional [GCV08]. Interior [DRR’04]. Intermediate [SSK02]. Internal [CFCD04]. International [Ano15b, Car09a, Car09b, CHC17, Run05].

Internet [Ano19x, Com99, CN099, Day10b, Day11d, Day15a, Day16a, FGRS17, GHKZ17, Kil99, MHDN99, NLV99, Rob06, Sh07, Shi01a, Smi99b]. Internet-of-Things [FGRS17]. Interplay [BHKW03].

Interpolation [WLCJ12]. Interpretive [CNC10]. Intersection [Sha99].

Intersectional [Wri16]. Interval [LLQ18]. Intervals [TGP’06]. Interview [Mar99a, Sha99, WM00]. intracardiac [SOV’13]. Intracranial [WNZ’17].

Introducing [KNS18, Thio9b]. Introduction [Asr04, BLMR21, BC99, BS06a, Ber99, Bli02, BC05a, BC05b, CN03, CZ07, Cho03, CS01b, DS00, Dub07e, Dun09, Eth01, Fal06, FC09, FF03, Got06, HS03, HG02, HP04, Kar02, Kax01, KS02, Kup03, LFK’19, MR06, MS99, NC03, NL99, PV00, PS02, Pos04a, Pos04b, Pos07, RC01, Run00, Run05, SS02, ST99, Su09a, TA05, TX07, Tes15, Thi05, TB99, TP04, TM00, VP04, VN99, War18, WR00, Win06, ZW19, Ale13, AM15, CE14, CLZ13, CF13, For16b, HP14a, MF16, Mem15, PT14, Qua18, Wai16].

Introductory [As00, Aya07]. Invasion [Ebr10]. Inverse [Chu21, XK10].


Iron [BKK15]. Irony [Day08b]. Irregularities [KS06]. iSERVO [MMG’05, Run05, YLCZ05].

Isn’t [RMX12]. Isosurface [FCY14]. Isosurfaces [BB07]. Isotopes [Har18]. Issue [Ano15e, Ano15f, FT08, JD03, O’L06e, OL07b].

Issues [HHB08, TLD02]. Istanbul [DSPY05]. Iteration [vdV00]. Iterative [OL06c]. IV [Rus03, RD05b]. Ivory [Far99].

J [Sny13, Rei13]. J2EE [Lau05, Lau06, LTG07]. Jackets [Day10a].

Janus [BCC’09, Smi00a]. Japan [Sor19].

Japanese [For99]. Java [Esq11, Fox03d, Has12, HRAB05, PTML09, PTL11, Thi02, Vil08, YXC05]. Java3D [Vor01b]. JavaScript [DiP18a, DiP18b, TAF’18, Zak18, dJM18].

JHelioviewer [MFD’09]. jLab [PTML09].

Job [Ano14i, Ano14j, Ano14k, Ano14m, Ano15j, Ano15k, Ano15l, Ano17d, Ano19-31, Ano19-32]. Jobs [Ano13k, Ano18-29, Ano19v, Ano21-64, Ano21-65, Ano21-66, Ano21-70, SOH13].


Jupyter
[Bar21b, BTK+21, FKD21, GP21, JON+21, Moo21, PFS21, Tan21, TC21, WBB+20].

Jupyter-Enabled [JON+21]. Just [Bei11b, Cho05b, Cho06c, Day15d, ERS+03, Gor06d].

K12 [Slo16]. Jump [Che99]. Jungle [Ben09].

Languages
Jupyter-Enabled [JON+21]. Just [Bei11b, Cho05b, Cho06c, Day15d, ERS+03, Gor06d].

K12 [Slo16]. Jump [Che99]. Jungle [Ben09].
[MRNT17, VPL18]. **MARTE** [RGD13].
Mass [BZL+07]. **Masses** [DMXR+14].
Massive [Ber99, Gor06d, 0’L06d, Ott16].
Massively [BGHR06, BRS22, CWOL11, KKO+20].
**Master** [Pee02]. **Mastering** [Hin17a].
**Matching** [XXK+02].
**Material** [BCB07, BMS99, CBB06, Eis17, LFC01, NKV99, SGW02, SÖS+00]. **Materials** [AGM+00, BNNM04, EKCS12, CW05b, CW05c, CW05d, CW05e, Com99, MAC08, Shi99].
**Math** [Bur99, Can99, Mar99a, Rei13]. **Math-Style** [Rei13]. **Math.Js** [dJM18].
**Mathcad** [Bur99]. **Mathematica** [CW05b, CW05c, CW05d, CW05e, Com99, MAC08, Shi02a]. **Mathematical** [BB01, DM04, HAB17, HHRO2, McKo00, OW01, Shi99]. **Mathematics** [Coo14, Gra08b, dJM18]. **MathML** [LVWK02]. **MathScript** [Com99]. **Matlab** [CW05b, CW05c, CW05d, CW05e, Coo14, Edd09, Has12, MAC08, Ono01]. **Matplotlib** [Hun07]. **Matrices** [O’L14]. **Matrix** [Kir03, O’L06e, O’L06g, SL99, Ste00, VCvdG+09].
**Matter** [DCWH07, Deb18, O’L05d].
**Matters** [Ano14-39, Ano14-40, Ano14-41, Ano14-42, PKST08a, PKST08b, PKST08c].
**Maximizing** [CF13]. **Maximum** [HSJ+19, PA12, Sch16]. **MaxLike** [SMM+11]. **May** [Dub08a, Smi09a]. **Mayavi** [RV11]. **MCALab** [FSED10]. **MDDB** [GYJL20]. **MDE** [RGD13]. **Me** [BS99a, Day13c, Dub06b, Dub07c].
**Meandering** [O’L06c]. **Means** [O’L06f, Pie04]. **Measure** [CRDO16].
**Measurement** [Tou01, VSG+02]. **Measurements** [DMA+21, O’L13].
**Measures** [YLZ+19]. **Measuring** [COS+15, DYY+17, SBZ+08]. **Meatspace** [Day12b]. **Mechanical** [Dub08a, Smi99a]. **Mechanism** [Choo08g, XDK+20]. **Mechatronics** [Cra03]. **Mechanics** [Ara99, BC03, BCB07, Ben00, Can99, Com99, CFCDF04, Gut01, JCPS14, LWSK07, Mal00, MSR+16, Ono01, Reb99, Sch16, Sil00, Theo09c, YXC+09].
**Mechanism** [Cheo08g, XDK+20]. **Mechanisms** [WBB+20]. **Mechatronics** [Cra03]. **Mechanical** [Dub08a, Smi99a]. **Mechanism** [Choo08g, XDK+20]. **Mechanisms** [WBB+20]. **Mechatronics** [Cra03]. **Mechanical** [Dub08a, Smi99a]. **Mechanism** [Choo08g, XDK+20]. **Mechanisms** [WBB+20]. **Mechatronics** [Cra03]. **Mechanical** [Dub08a, Smi99a]. **Mechanism** [Choo08g, XDK+20]. **Mechanisms** [WBB+20].
Method [Ama06, Bas14, BS06b, BGHR06, CL14, CLC03, DAEJ18, Fra07, GH00, IHL+02, LGJ+19, Nas00, RK05, Rei02, WNZ+17, WCC+19]. Methodology [APC+19, TKM+18]. Methods [ATG05, BW06, BS06a, Coo14, Fel00, GS03, GPC08, HMB+14, JSNR11, JHJ01, KS20, MS07, OL06c, OL06d, Ork09, Oug03, PP20, SÖS+00, STB03, TK06, TLD02, Wep08, XKB10, Yav06, YLR02, Seg99].


Microsoft [Smi99e]. MS [KMM+19]. Multidimensional [GWB15, GWA].

Middleware [TBM+19]. Might [PK18]. Migrating [TSKG03]. Millenium [ZAF+01].


Minimization [BOS07]. Mining [FAFX20, GM02, Kar02, KNV03, KJ04, RBK02, TNV+02]. Minor [GCV08].

Minority [HG00]. Mirrors [Day16d].

Misinformation [Day19a]. Mission [Cho05c]. Missions [HAV+17, MSB+14].

Mitigation [KMM+11]. Mixed [Hin18a, Ton01]. Mixed-Signal [Ton01].

Mixing [Ran06]. Mobile [ACQ+20, An14-47, An14-48, BR20, DYY+17, GHKZ17, SdPV21]. Modality [KEF07]. Mode [SCW+17, SD11]. Model [ASM+14, ACF18, Bak21, CpdIF+12, DJ02, GB20, GYB15, GWA+07, Gyu99, HLYQ19, HSJ+19, JCC+10, JYL19, Lan06, ML02, NWP19, O’L07a, O’L07b, PHW+21, QSEQJFHH20, Rad21, Rec16, Sch21, War18, YWC02, YLR02, dOMdO+04].

Model-Order [CPDIF+12]. Modeling [ASM+14, ABK+02, AMS14, Ano15e, BMCC21, BPH+13, BPMKC21, BZL+07, CAP+10, Cas16, CF99b, CYW01, Cho07a, CS01a, CNO99, FSD02, FGR+07, FGRS17, GSB+12, HAB17, Har04a, HDB+04, HPKS04, Hus22, Ikk16, IK05, IHL+02, IBPV03, JLP+10, KM99, KES+22, Kei10, KL10, KHC+07, KB07, LWF10, Lum07, MRNT17, MM18, Muz19, Nai15, NW15, Orc12, Owe01, Par16, PHW+21, Put16, RRH+02, RC01, Sch21, Seg99, STG11, SNCT13, SV14, STH22, SS02, Ska+02, STB03, Str10, TM15, TA05, TX07, Tie16, VSE01, Wai16, WCHRM21, WHM+02, WCGB05, WPW11, WPZ00, YM14, Yas17b, ZS07, ZQY+11, ZCM09, da03, Beh05].

Models [ATRA00, Ben04, CS18, DLM04, GEH+99, GW15, HHR02, HGV+08, KKO+20, Liu15, Lu02, MTO0, MCK00, MSD10, New00, O’L04c, O’L04d, Pek04, Pie04, PD02, PSR+00, SET05, She07, WWJH20, XHL+13]. Modern [Alt10, Cho09a, Cho09b, Day15e, DS12, Hu07, Mol12, RMX12, Sch14, SBB+15, WC17].


Modules [Bar20b]. Molding [JMFJ01].

Molecular [BST+13, BH02, CJTH+13, Cho08g, Col18, EP10, HE05, IBPV03, KES+22, KFS18, LNI+19, Mal07a, Mar99b, NKV99, PJS10, Rei02, TDB09, TX08, Vor01b, WDC18].

Molecular-Dynamics [NKV99].

Molecular-Scale [Rei02]. Molecule [Gor06a, NLGJ13]. Molecules [McC21].

Moler [Mar99a]. Money [SW10].

Monitoring [KNKP14, VNV18].

Monotonically [GF04]. Monte [Ama06, BS06a, BS06b, BOS07, DCC10,
Day13e, Eng09, EKCS12, Feo00, GH00, LSDP+04, Lui06, Nob02a, OASFLAB09, Ork09, PPE00, SG00, Sul17, VWP12.


Neural [CWOL11, Fra07, Gor06c, JLP+10, ZZS+19, ZZYNH06]. Neurocognitive [Muz19]. Neuroimaging [SL03]. Neuroinformatics [MWC+16]. Neuromorph [BCC+99, Bur99, CC99, GJ03a, GJ03b, Gor03, Gor04a, GH04, Gor04b, Gor04c, Gor05c, Gor05d, Har04b, JG03, Jac03, LG03, Nob00b, Shi99, Shi00c, Shi00b, Shi00d, Shi00a, Shi01a, Toin00, Toin01]. Next [BBWW22, Ged16a, HP15, McM09, Sul02c, Tha14, Thi04, Thi15c, Wii17]. 

Next-Generation [Ged16a, HP15, McM09]. Neuroscience [BFF12]. Neutrino [Cho07b]. Never [Dub07d]. News [BCC+99, Bur99, CC99, GJ03a, GJ03b, Gor03, Gor04a, GH04, Gor04b, Gor04c, Gor05c, Gor05d, Har04b, JG03, Jac03, LG03, Nob00b, Shi99, Shi00c, Shi00b, Shi00d, Shi00a, Shi01a, Toin00, Toin01]. Next [BBWW22, Ged16a, HP15, McM09]. 

Nice [Hem10]. NMR [EWN+13, XKK+02]. No [Day09b, Ome06]. NOAA [War18]. Nobel [Day12e]. node [YLCZ05]. Noise [ATG05, GLS07, KPD+99, Kus06b]. Nominate [Ano19-38]. Nominations [Ano14y, Ano15g, Ano16c, Ano16d, Ano16a, Ano16o, Ano16p, Ano17a, Ano17b, Ano17p, Ano18b, Ano20n, Ano20s, Ano20-36, Ano21y, Ano21z, Ano21-48, Ano22b]. Nominees [Ano15c, Ano16c, Ano16d, Ano17b]. Nonconventional [ZAF+10]. Nonequilibrium [MCAA05, dKCA10]. Nonlinear [Bea00, FL05, JCC+10, LGW19, MS07, Rus02, YCKK03, ZB04]. 


RD05a, RD05b, SA08a, SA08b, WHG21].

Partial [GWW09, JWEK06, JHH01,
MSL+07, O’L06e, O’L07b]. Participation
[BPW+20, HG00, HC17, Slo16]. Particle
[BRSS22, Cre99, Dec15, JML08, Liu11].

Particle-in-Cell [Dec15]. Particles
[HL00, MB11]. Partition [O’L04c].

Partitioning [AB03]. Partly [SS09]. Party
[Sul07a]. Passing
[Bau08, BBG+01, Fox02b, Vin12]. Past
[Cho05f, Cho07c, CW20, Dau99, JH18,
SACR21, WP22]. Path [Hym05].

Pathological [Sul04a]. Paths [ARO+11].

Pathway [Asr04, MPR18]. Patients
[yFZDY13, SSG16]. Patron [Smi00a].

Pattern [Ano15f, SSF06]. Patterning
[Rei02]. Patterns
[AAAB+13, Blt02, QSEQJFH20, Rob13]. Pay
[BS99a]. PCell [CFA04]. PCI [Tom00].

PDACS [MRU+15]. PDE
[Rao04, SBB+15]. PDE-Solving [SBB+15].
PDEs [Bal09, Wei21]. PE [BT10a]. Peaks
[XXK+02]. Pedagogical [NG20, Tan21].

Pedagogy [YM14]. Peer [Ano09b, Ano10c,
Ano11d, Cho06f, Fox01, RBC+19, ZYKG04].

Peer-to-Peer [Fox01, ZYKG04]. Pegasus
[DVR+19]. Pendulum [Mar02, OS03].

Pentagon [HPKS04]. People [SLK+20].

Percent [Smi01b]. Perception
[Lo03, Rob04]. Perceptions
[CHHB13, MM12]. Perculation [Ebr10].

Perfect [Pre09, Ano16e]. Perfectly
[Sch17a]. Performance
[Amo18, AMS14, Bak10, BKRT21, Bar21c,
BCC+09, BS21, BCH+22, CJTH+13, DD05,
DCWH07, DMA+21, DGG+21, DSSS05,
DMT+21, DBB+21, EDJ+10, EHGO1,
FH99, Go05, HP20, HC99, HB08, HG02,
HP04, JPMG08, JPK01, KTG08, KWB+10,
KT11, KBLD08, LM08, Lat16, Men18,
PGF+15, Papi6, PA12, PSJ+21, PSA14,
PMP21, Pos11, QL19, RR21, SMM+11,
SW01, SBZ+08, SDA+14, SBB+15, SKC02,
Sch18, SOH13, SR12, SJDV09, SS09, Str10,
TBVP+21, VM15, YBBP15, Zei17, SL99].

Performance-Optimization [SR12].

Performant [HLRW17, Wol21]. Periodic
[Pos16]. Permanent [Gor07d]. Permeation
[TLR10]. Persistence
[DKWL17, JH16, TL04a]. Persistent
[TMMB18]. Person [Bar11, O’L04c].

Personal [Che09, The03]. Perspective
[Ben04, BERT09, CSS00, CMN00, Deb18,
Fla17, JaJ00, MKD16, Men18, Ric99,
SPW+13, YRT+00, Wep15]. Perspectives
[QL19, SACR21]. Pervasive
[Ano16-20, Ano20q, Ano20r, Ano20g,
Ano21-29, Ano21-30, Ano21-31, Day17d].

Petaflow [GIF+12, LSV+07]. Petaflows
[Day10d]. Petascale
[CDKF15, DW01, Dum09, DST+09, GHT+10,
GRL09, Gro09, Kog09, Wit21, YMK11].
pF3D [LBS14]. Phantom
[OL’13, WNZ+17]. Phase [BMS99, Hus22,
IBPV03, Lan99, Lnm01, WWJH20].

Phenomena [Ebr10, Lan99, Run03].

Phenotype [SRM+07]. Phi [BHC+15].

Photon [SG00]. Photon-Beam [SG00].

Photonic [PGC21]. Photorealistic
[LCY08]. Photosynthetic [Hin17a].

Photovoltaic [KNG10]. Phylogeny
[Rao16]. Phylogenetic [HE05].

Phylogeography [Rao16]. Physical
[EUD15, Fra02, Lan02, Tie16]. Physicists
[Far99, Mer02]. Physics
[AMS14, Aya07, AyP07a, BCB07,
BT10b, BBW+20, CF99b, CYW01, Cho06d,
Cho09a, CSS00, DLR+07, DAKM16,
DGJ+08, Ful06, GST03, Gor07d, Got17, GL20,
Han05, HWPS16, KMSH10, Lan04, Lan06,
LG10, LBP13, Liu11, MAFM21, MCAA05,
Mar17, Mas06, Par12, Pat02, PMW20,
Raf16, Ran06, Roo06, Sch15, Sch17b, TK06,
TVP+02, Tow09, Tur14b, Win06, Zak18,
Wep15, Ano18d, Ano18e, Ano18f].

Physics-Based [CF99b, CYW01, DAKM16,
HWPS16, KMSH10, Raf16, TNP+02].

Physlets [BC03]. Pi [MAFM21]. PIC
Problem-Solving
[Bar21b, CAS’07, GPC’08, MHK’06].

Problems
[Ama00, Bei09b, Ben00, BT10b, Bet99, Chu21, CLC03, CG09, CS01b, Das00, DAEJ18, DV99, DMXR’14, Hyn05, JCPs14, LeV09, Naj08, SH10, SAC15, SFSK01, Su02c, WB03, XBR10]. Process
[Che18, GPC08, Gyu99, MBH14, RPEB14, WLC01]. Processes
[CBS14, JLN19, KM99, Muz19, RC99, TAM+14, dKCAY00, Mat05]. Processing
[APS10, AAHH+16, BMCC21, CWOL11, GPC08, Gyu99, MBH14, RPEB14, WLC01]. Processor
[SdPV21]. Processors
[Gor07c, KSP12, SJDV09]. Product
[Mil17, Pos14, PG17]. Production
[GKG+15]. Productive
[AGC+16, BFH21, HLRW17, WI06, Wol21]. Productivity
[BUS21, FLV’09, Moo21, MBB’09, PSJ+16, TK13].

Products
[Shi00d, Shi00a]. Professional
[GPMSGC20, Pec020, Tho12, Ano21v, Ano22]. Professionally
[ARAG19]. Program
[BB20, Bur99, CFO40, CMN00, GCV08, Lnr04, OASFLAB09, PAN+16a, Vla12, BHV21, PNL+16]. Programmer
[Shi00a, Tho07]. Programmers
[Esq11, Sm12]. Programming
[AAGH17a, AAGH17b, BB20, BBG+01, CF03, CL12, DS12, Dra00, DY99, Dub09, Dub00, Fal09, GRE99, Gra09, GS13b, HC99, HHZK01b, HHZK01a, Hin09, Hin13a, Hin13b, Kar09, LT09, LPV00, LC12, MM18, MAG21, Nas00, PTML11, Rag06, SDS00, SL90, SB00, SG01, Taj10, Wol21, XYC05, Wep15]. Programs
[BCC+99, CRDO16, Di14, Dub05b, Dub12, Fos17, LDAS19]. Progress
[GF04]. Project
[Ale18, DMT+21, KMSH10, KPA+16, Mak06, NCB+05, Owe01, PSSP15, PQQ20, Tho07, Fom15, KPM10, MB20a, Mes17, SGBK+18]. Project-Based
[PQQ20]. Project
[MR13, NSP12, Rus03, YCKK03]. Projections
[HKV03, dSRT16]. Projector
[ML02]. Projects
[BB06, COS+15, HPMJ12, KL07, LWF10, PBSS14]. Prolog
[BT10b]. Prologue
[Dau99]. Promise
[Gor06c, Pos09, Pos10]. Promises
[Hin09, LD09]. Promoting
[Mar17, ZGR+17]. Propagation
[BPMK21, LPV00, SA08a, SA08b]. Propellant
[HD00]. Properties
[IXY+19, Lew10, MJAK09, Osk07, PI16, SBS+00]. Property
[Cyb99c]. Prospectus
[Boa17]. Protection
[Lew00a]. Protein
[Han03, Jav12, Mal07a, Mal07b, SK01, Wol16, WCH12, XDK+14]. Protein-DNA
[WCH12]. Proteins
[PP20]. Protocol
[Gal11, LZZ17, Zel17]. Prototypes
[Mil17, Pos14]. Prototyping
[FMB+07, HD00, LRRK00, PL02, PS17]. Prove
[Sul99b]. Provenance
[AAHH+08, DGJ+08, FKSS08, MG+08, SFC07, ST08, TJCC20]. Provide
[PKN18, Tou01]. Provides
[CC99, Rob06, Tou00, Wol16]. Province
[GYF+10]. Provision
[GHKZ17]. Proximate
[JON+21]. Proximity
[MPP14]. Pseudopotential
[SAC15]. Public
[Day13e, MB20a, RTSS14b, Ree16, SCA+02]. Public-Interest
[SKA+02]. Publication
[Che18, CW05e]. Publications
[An022q, Fs12]. Publish
[KNS18, Th14]. Published
[An013, Th15b]. Pulses
[TDB09]. Pulverized
[MRKK17]. Pure
[LT09]. Purpose
[FHM99, Got06, SSC18]. Purposes
[FKS+02]. Pursuit
[Sic09]. Putting
[LTNE09, Mar99a, WC15]. PyFR
[Wit21]. PyMOL
[Moo21]. PyNSol
[Tob05]. PyOMP
[MAG21]. PySPLIT
[War18]. Python
[War15, APS10, Aya14, Bac07a, Bar21b, BKRT21, BDF+20, BUS21, BLIP+21, 
BVB+07, Cot03, Day14d, Di 14, DY99,
Dub07e, Gre07, Gue18, GWV09, Hin07,
KB07, LFN+11, Lev09, MAFM21, MSL+07,
MAG21, MB07, MA11, MS07, MG087, Oli07,
PGB11, Ram18, Sch17a, Shi07, Sma12, Tie16,
TGEA09, VB08, Vir16, War18, Wit21].
Python-Based [Aya14, Ram18].
Python/Jupyter [Bar21b]. Pythons
[Dub05c]. Pythran [Gue18].

QCD [Mor15], QMD [KFS18], QPACE
[GHK+08]. QR [ACF18]. QR-Based
[ACF18]. Quadratures [Bal99].
Qualitative [DKWL17]. Quality
[HLS+16, RPEB14, Ste99]. Quantification
[XKG05]. Quantify [JJZC10]. Quantity
[Fos17]. QuantLib [Vir16].
QuantLib-Python [Vir16]. Quantum
[Ale15, Ano20-56, Ano20-55, Bac07b, BC03,
BCB07, Bro06, Cyb02, DCC10, Day07c,
EKC12, GKH+08, KFS18, McC21, Mns20,
OASFLAB09, PMW20, SDA+14, UM08,
VHM05, WMAEAG10, WB03]. Quarks
[Cre04]. Qubit [Key05, Lew01a]. Queer
[Wri16]. Queries [MPP14, O'LI14]. Query
[ALH+20, AAAH+16, LT08]. Query-Based
[ALH+20]. Quest [DW01, Mat05].
Questions [Su103b]. Quick [Vor10b].
Quickhull [Muc09]. Quickly [Muc09].
Quicksort [Ja00].

R [FM19, Lud13]. R&D [PS17, Sch99].
Race [DGK19]. Racial [Bot16]. Rad
[Lew99b]. Radar [Cho05b, Zeb00]. Radial
[LW19]. Radiance [UG11]. Radiation
[Lew99b, MSS09, SG00, VVL+11, ZFS12].
Radio [KLMS99, PAN+16b]. Radiometers
[CPdF+12]. Radiotherapy [LSDP+04].
Rafters [KMM+11]. Railway [ZZS+19].
Railways [MGFRL+12, RLG+13].
Rainfall [Gan02]. Raising [SSW21].

Ramakrishna [Ano17a]. Random
[ALM19, Hil15]. Range [MR13, PSR+00].
Rapid [FCT+10, LRRK00]. Rapidly
[Ran06]. Raspberry [MAFM21]. Rate
[Zh04]. Rates [O'L04b]. Ratio [GYJL20].
Rau [Ano17a]. RBF [WLCJ12]. RBPCA
[SMM+11]. RC [MAFM21]. Red
[Hin18d, MCE+03]. Re-editable [Hin18d].
Re-Integrating [MCE+03]. Reach [WC15].
Reaching [Gre07]. Reactive
[JC02, LNI19, TAM+14]. Reactor
[BAD+21]. Reader [CW06, Day14c].
Readiness [CHM+20a, CHM+20].
Reading [Day12c, Day12d]. Real
[CYW01, Clo15, CC99, EKCS12, HE05,
LC08, PSA14, SBZ+08, VVL+11,
VSG+02, WHM+02, YZ04, YHWY05].
Real-Life [HE05]. Real-Time
[CYW01, CC99, LC08, PSA14, VVL+11,
WHM+02, YZ04, YHWY05, VSG+02].
Realistic [RSC+14, WLCJ12].
Realistically [KL10]. Reality
[ACQ+20, DJB+20, MV20, SLK+20,
SPB+20, TW03, YWC02]. Realizations
[LPB15]. Realizing [CD+22]. Really
[Day07c, Day16e]. Reason [Day14e].
Reasoning
[SGK+18, Tec18, TKM+18, vGDS18].
Reasons [Poi10]. Reclusive [BC02].
Recognition
[ANO15f, Ano16s, FOdLVF16]. Recurses
[B02, W19, OMKdSB11, SMM+11, ZZC+19].
Recommended [KHS09]. Recommender
[FAFX20]. Recommending [Cho07f].
Reconfigurable
[EVA+21, GLS11, KSBO7, Liu11].
Reconstruct [HMA00]. Reconstruction
[FKB+13, yFZDY13, Lan02, LWT+13,
ZDW+07]. Record [MCE+03]. Records
[Tou03]. Recovered [Sch21]. Recurses
[Nob03]. Recursive [GY17]. Recycling
[Su109a]. Reduce [JG12]. Reduced
[ASM+14]. Reduced-Order [ASM+14].
Reducing [DPBS16]. Reduction

Rockets [HD00]. Role

[BS07, CRA03, Да00, JC02]. Roles

[Ber02, Hin17c]. Roll [OS04]. Rolling [K06, MGFL+12, ZZC+19].

Rolling-Stock [MGFL+12]. Rotations [ZJW08]. Rotorcraft [HWPS16, Str10].

Rough [ZLW+19]. Round [LQZL19].

Roundtable [ZAF+01]. Route

[Got06b, K06a, MGFL+12]. Router [Rob06]. Router-Level [Rob06]. Routine [Ron14]. Routines [Dub00]. Rs [Day11b].

Rubber [Be09c, Ha09]. Ruby [Ong02].


Run-Time [BKS15]. Running


SambaNova [EVA+21]. Sampled [HH06]. Sampling [ALM19, BS99b, Be08, RBK02].

Samsung [Tou2b]. San [LC09]. Sand [Bi00]. SAR [MR13]. SARS [XDK+20].

SARS-CoV-2 [XDK+20]. Satellite

[BCA+00, HAB17, Lo09]. Satellite-Constellation [Lo09]. Savings

[SW10]. Say [Be01c, Got02a, Sul04d]. Says [Dub07b]. SC98 [Dan99]. scaffolding [Tob05]. Scala [PTML11]. Scala-Based

[PTML11]. Scalability [BBD+13, YLZ17].

Scalable [BFL+22, BFH21, Bry11, GLS11, GARS+20, KSM+17, LNI+19, Liu15, MSS09, NVK99, Par16, RSC+14]. ScalaLab

[PTML11]. Scale [Ama00, BBM+15, BP99, CS14, CS15, Day14a, DMX+14, Eis17, Far99, GL99, Gob05, HHF+14, HMB+14, JPE20, Jon15, KMSH10, LW10, LCY+04, Ma16, MWE08, Re02, Sah03, SNTL13, Ste99, TB11, TWE14, TAM+14, VKN99, VM15, W18, WND21, WPZ00, WHW18].

Scales [Gyu99, Kus06a]. Scaling

[GS03, Run03]. Scarcce [RBK02]. SCC [GHKR11]. Scenario

[AAGH17a, AAGH17b]. Scenario-Based

[AAGH17a, AAGH17b]. Scenarios

[PQQ20, UGV11, WCHRM21]. Scene

[ML02]. Scheduling [WQLZ18]. Scheme

[PLW17]. Scholars [Day13a, Slo16].

Scholarship

[Ano17-21, Ano17-24, Ano17-31]. Scholes

[Hig04]. School [AAGH17a, AAGH17b, GPMSC20, Les16, Sca16]. Schools

[Rec16, Sul05b]. Schrödinger

[Moy06, RK05]. SciDB [SBZB13, YBBP15].

Science

[AM18, Ad120, ABC+14, AHL+11, AAGH17a, AAGH17b, APC+19, Ama06, AMS14, Ano03, Ano50a, Ano12b, Ano15-27, BC02, BT17, Bar19, Bar20a, Bar21b, BLMR21, Bar21c, Be010c, BSD07, BH21, BERT09, Car09a, Car12, CE14, Car16, CHC17, CBF+22, CC03, Chr15, Chu21, CW20].
Sepkoski [Ome06], September [HPKS04],
Sequel [BT10a], Sequencing [Mye99],
Sequential [SA08a], Sequestration
[TAM+14], Series
[DMT+21, JSNR11, Liu15], Server
[Goo17, Nei08, TSFG08, Tha08a, YKD+03],
Serverless [VPL18], Serves [TS10],
Service [Aon14-43, Aon19a, Fox04a,
Ano20-51, Ano20-52, Ano20-53, DGR+05, Dub07b, GHM+16,
GHKZ17, LZZ17, MF16, MWC+16,
WPM+12, DBH+02, Smi99e],
Service-Based [WPM+12],
Service-Oriented [DGR+05, LZZ17],
Services [Aon13c, Aon19a, Fox04a,
MRRU+15, PF04, PHG+05, GGD+05],
services-based [GGD+05], Serving
[Dra00], Sets
[BCG+99, Don02, Gor06d, GYF+10, LLQ18,
MFD+09, Ste12, Wan18, ZLW+19], Seventh
[Ste14], Several [Tou02b], Sez [Sul04e], SH
[WQT+16], Shader [Wat21], Shader-Like
[Wat21], Shadow [GRE99],
Shadow-Object [GRE99], Shake [Bet17],
Shape [Gio02, Sul10b], Shapes
[Tof09a, VSG+02], Shared
[BWC01, GCV08], Sharing [CHP+18,
Cho07d, DDC04, MHC+18, PLH+18, Van12],
Sharp [LL19], Shear [NTW07]. Shed
[TM15], Sheets [PAF08], Ship
[KSM+17, KS06], Ships [Lew99a], Shock
[Ben04, BBW+20, Cyb99a, MSR+16, ST05],
Shock-Accelerated [Ben04], Shock-Wave
[ST05], Short [KILZ13, Pek04],
Short-Term [KILZ13], Should [Day14f],
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Weinhous:2000:GEI

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Weinhous:2000:GEI

White:1999:FUS

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Weinkauf:2012:FVA


Willhoft:2017:DSD


Wilson:2020:NSS


Wang:2012:ADC


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Yavneh:2006:WMM


[Yav06]

Yokota:2012:HBS


[YB12]

Yao:2015:SHP


[YBBP15]

Yang:2010:DEE


[YBD10]

Yeager:2021:BFF


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Yang:2003:GEC

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Yi:2005:RTN


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**Yang:2013:MSI**

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Zakai:2018:FPW


Zebrowski:2004:NIN


Zhu:1999:VCK


Zhang:2007:CME

Tian-Yu Zhang, Pei-Dong Dai, Zheng-Min Wang, Ke-Qiang

Zebker:2000:SEI


Zeigler:2017:UPD


Zhang:2011:FHP


Zhuge:2002:CSD

Zhu:2016:SMS

Zhou:2008:ESS

Zhang:2009:CCU

Zhu:2019:EOA

Zhang:2019:UER

Zakharian:2003:SNF

Zhang:2011:HIH


Zabaras:2007:ITA


Zhao:2019:GEI


Zhao:2020:TTL


Zeinalipour-Yazti:2004:IRT


Zhang:2019:FSR


Zhang:2006:UGA


Zeng:2019:RPS


Zhe-Zhao:2006:NIB