A Complete Bibliography of Publications in *Computing in Science and Engineering*

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Title word cross-reference

<table>
<thead>
<tr>
<th>1</th>
<th>[Bak10]. 11th [HPKS04]. 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>[AM20, BPMKC21, BCh+22, Con20, FGHW20, HP20, Jef21, KKO+20, PHW+21, PQG20, TGU21, VSB+21, WHG21, Wes21].</td>
</tr>
</tbody>
</table>

+ [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, MJA90, RV11, SD500, SYP08, Su02c, 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 [Su02b]. N [YB12]. ≠ [Su04c]. QR [Par00a].

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


3 [KBLD08, SGA+22]. 3-D [SGA+22]. 39th [Ano15b]. 3D [Lew99b]. 3M [CW05d]. 3Ms
[CW05b, CW05c, CW05a].

43 [UZC+12]. 4th [CHC17].

6000 [Tou02b]. 6i [Shi01a].

7 [Sim13].

8 [Bur99].

9 [MKM+14]. 95 [GRE99].

Abinit [PBD+11]. Abridged [FB04].
Academic [Bot16, LTD11]. Accelerate
[WCH12]. Accelerated [Ben04, FPRK16, NGGS22, PHL+10, SWDR22].
Accelerating [EVA+21, EKCS12, KSBO7, LFK+19, Men18, MSM13, Thi12a, TCD+14, UZC+12, VMK20, WZS+10, WOAEAG10].
Acceleration [AAAH+16, FKB+13, NLGNJ13, SKP+10, STH22]. Accelerator
[AMS14, DLB+07, SG10]. Accelerators
[Eis17, HGV+08, KWB+10]. Acceptance
[PS17]. Access [ACKW01, AGC+16, DJ02, Gal11, GDDR16, LPB13, PKST08b, PLW17, QRP22, MMG+05]. Acceptable [Oli13].
Accidental [BPH+13, HMG+00]. Accuracy
[LPCY19, PS20]. Accurate
[TM14].
ACE2 [XDK+20]. AceDB
[STM99]. ACES
[YLCZ05]. ACES-iSERVO
[YLCZ05]. Achieving
[OS04]. Acid [Maj03].
Acknowledged [KFMG20]. ACM
[BTL19]. Acquisition
[Azo06, Cas16, CN03, CC99, LGW+17, MM16, NC03, PAN+16a, PNL+16, PS17, Shi01a]. Acquisitions
[DCWH07]. across [PS17]. Action
[Lat16].
Active [GHKZ17, SD11, YYG+19].
Activities [Par12]. Activity
[Muz19, NWP19]. Actuator
[YMHQ19]. Ad
[Ano18q, Ano18e, Ano18-38, Ano18-36, Ano18-40, Ano18-46, Ano18-44, Ano20w, Ano18b, Ano18-53, Ano18-54]. Adaptation
[GKG+15]. Adaptations
[DBB+21].
Adapting [STWK15]. Adaptive
[Beh05, BMP+06, Bry99, DBB+21, GPZ+04, KRR+12, MCAA05, NSLD99, VSG+02, WB03]. Adaptively
[BW06]. Adder
[GBPR11]. Adding [Mal00]. Additional
[AAGH17a, AAGH17b]. Addressable
[Hin20a]. Addressing
[Bot16, FAFX20, HG02]. Adds
[Got02a, Shi01a]. Adjoint [CL14, DAEJ18]. Adjoint-Based
[CL14]. Adjustable
[Par00b]. Adjusting
[KS13].
Administrative [Ano18z, Ano19y]. Adobe
[Tof08, Tof09a, Tof09b]. Adopting
[SWPB00, Tan21]. Adoption
[PS17].
Adsorption
[KM99, WWJH20]. Adsorption-Desorption
[KM99]. Advanced
[Ano15-37, TMC+13]. Advanced
[Akl18, DGG+21, DRR+04, Got15, Got16, MPR18, Men18, MHC+18, MSD10, STG11, SNTL13, TMMB18, Tow18, Wat21, WZZ11, dJM18]. Advancement
[Che15]. Advances
[AMS14, CK09, ECK+15, GL99, GK18, HP14a]. Advancing
[CJL+18, Gor13, KMB+08, LG10, PV00, SYM+21].
Advantage
[Mil10]. Adventures
[Nob00b]. Advertisement


Carlo

[Bei11a, EKLY07, Got17, WM00].

Changing
[CHH+13, KMB+19, Pos13, SLM12].

Channel [FGR+07, KLMS99]. Chaos
[Bao07b, Hin16, KBo09, O’Lo7a, O’Lo7b].

Chaoic [Mar02]. Characteristics
[Azo06, Biz16, Rao16]. Characterizing
[MB11]. Charge [YYL+18]. Charles
[Ano16b, Ano18b, Ano22a, Day09a]. Charts
[Bei11c]. Chatter [Kus06a].

Checkpointing [DAEJ18]. Chemical
[Bor02, FSD02, MM04, MDK16, Par16,
Tof08, To09a, To09b]. Chemistry [BW14,
Das00, GSo3, HSo3, IBP03, PP20, Sch17b,
SDD+08, TM00, UM08, WOAEAG10].

Chemora [SBB+15]. Chess [Hsu06].

Chicago [Rae16]. Chief
[Ano22-40, Cyb99a]. Chihuahua [Day10a].

Chile [BB20]. China
[JZJC10, QL19, YLCZ05]. Chip [For01].

Chiral [Mal07b]. Chirp [Don06b]. Choice
[Bea00]. Choose [Con22, Ano16y]. Chore
[Toh07]. Christof [Lov04].

Chromodynamics [Ale15, GHK+08]. Cilk
[Rob13]. Circuit
[For01, MAFM21, PGC21, WCC+19].

Circulation [YLR02]. CiSE
[Ano05b, Ano09b, Ano10c, Ano11c, Ano11d,
Ano16e, Bel10d, Che17a, Cho06f, Day12c,
Don99, Gyu99, SCBT18, Th11a, Th13a,
Th14, Th15a]. CiSE-Reading [Day12c].

CiSEiest [Day10c]. Citation
[CGZ20, Drn20, HBG+20, HPC20, KHC+20,
WBB+20]. Citizen
[Chr15, COS+15, JJ15, Mem15, MSR15].

Citizen-Based [JYJL15]. CitScale [LMC20].

City [LCM20]. Clarify [BMS99]. Class
[Ron14]. Classical [RD05a]. Classification
[LPY18, LPCY19, PSS20, ZLW+19].

Classified [MO03]. Classifier [DKCL14].

Classifying [KCPFT02]. Classroom
[Mei10, SAC15]. Classrooms [NC20].

Clearance [YWMM04]. Clearly [NO03].

Clerman [Mol12]. Cleve [Mar99a]. Click
[ERS+03]. ClIIIME [NCM+14]. Climate
[Bak21, Bal15, DPBS16, EJ09, EUD15,
FKS15, GKG+15, Lg15, MSM13, PJe04,
P02, RHR+02, SPW+13, SBW+19,
SNCT13, SSo2, SKA+02, TM15, WPC11,
WBC15, YCD+21]. Clojure [KM12]. Closer
[MM13]. Cloth [ZJW08]. Cloud
[AAB+21, Ano13g, Ano14v, Ano14-47,
Ano14-48, Ano15w, Ano16l, FPRK16, GB20,
Gor08a, How12, JCP14, KKO+20, KFS18,
KILZ13, LH21, MB20b, MIW+16,
PARD13, R VG+10, SSG16, SAK+13, Sul08b,
Sul09a, Th10, TPS13, Tsa14, VPL18, WZZ11].

Cloud-Based [MCW+16, SSG16, SAK+13].

Cloud-Enabled [Thi10]. Cloud-Native

CloudCast [KILZ13]. Clouds
[Joy09, LTD11]. Cloudy [SIS09, Th15b].

Cluster [BUS21, BDCT05, DD05, DD07,
Gob05, HRA05, HKW03, Lui06, SES+11,
TFF05, Th105]. Clustered [SISP06].

Clustering
[HH99, KNV03, MO03, YCK03, Zhu02].

Clusters
[BDCT05, DJS13, DSSS05, EKCS12]. CMD
[BTL19]. CMD-IT [BTL19]. CNNs
[LPY18]. Co [NFR+17]. CoDesign
[NRG+17]. Coal [MRKK17]. Coalition
[TGU21]. Coarse [BMCC21].

Coarse-Grained [BMCC21]. Coat [JC02].

Coatings [JC02]. Code
[BJ02, Bar20b, BFH21, BW14, CGZ20,
Duh21, GP21, Hin17c, Hin18d, KRR+12,
KMSH10, KPM10, ILLA14, PKST08c,
RGD13, RCD+00, Tct11, Van12, W106].

Coded [GBPR11]. Codes
[Ben04, CDF+04, Dec15, ECK+15, KRR+12,
Roa04, VMK20, WLY08]. Coding
[MAFM21]. Coefficient [XK10].

Coevolutionary [Bec00]. Coexistence
[Hus02]. CoFlaVis [MRKK17]. Cognitive
[Fox18, Th13b]. Coherence [Kus06a]. Cold
[FAFX20]. Cold-Start [FAFX10].

Collaboration [FL21, KE05, Les16, MK10,
MHC²+18, SMS15. Collaborative
[CJL+18, GDDR16, HHR⁺13, PSR⁺20, STWK15, Tur14a, Weg00]. Collaboratory
[PSR⁺20]. Collage [KRR⁺12]. Collapse
[Hin19, MSS09, Ott16]. Collaborate
[Ano19-38]. Collection [JJ15]. College
[CHM⁺20b, CHM⁺20a]. Colleges [SL18]. Collegeville
[Her21, HCK22]. Collapse
[Hin19, MSS09, Ott16]. Colleague
[Ano19-38]. Collection [PSR⁺20]. Collage
[Thy20]. combination
[Ano16e]. Combinatorial
[GRS08]. Combinatory
[BS08, Gut01]. Combustion
[AMCH07]. Come
[Day18b, Gar06, Sul10b]. Comes
[GM06, Sul02b]. Coming
[CW05e, Cho08c, Kra15, OM03]. Commends
[Ano12b]. Commentary
[CHM⁺20b, CHM⁺20a]. Committee
[Ano18c, Ano19y]. Common
[OS04]. Commons
[GHM⁺16]. Communication
[BC99]. Communications
[HO099]. Communities
[GZC14, PS17, TTT15]. Community
[ABM⁺22, BBM⁺21, Chu21, Den16, ESO08, Fom15, GPMSC20, HPC20, KMB⁺19, MHC⁺18, SMS15, Tur14a, Weg00]. Complex
[BNNM04, BMS99, Don03, Ebr10, GF04, HHR02, LSDP⁺04, LL11, Naj08, Nob07, Par00b, PSA14, SZM⁺13, SBZB13, SKC05, TB11, TX07, Var08]. Complexity
[Mer02, Sul00a]. Component
[OMKdSB11]. Components
[Dub02, Lau19, SL99]. Composable
[Rob13]. Compose
[Day11e]. Composite
[JXY⁺19, SGW02]. Composition
[YEC⁺19, ZL09]. Comprehensive
[PGF⁺15, Tes15, TBVP⁺21]. Compressing
[Ano19d, Ano19e, Ano20x, Ano20y]. Compressors
[GvdWT07]. COMPSAC
[Ano19d, Ano19e, Ano20x, Ano20y]. Computability
[Lau02]. Computation
[AM18, Adl20, Aya07, Aya14, Bäc07a, Bar19, Bar20a, Bar21b, Bar21a, BLMR21, BW14, BHY21, BERT09, CK09, CL14, Car09a, Car12, CE14, CHC17, CB02, Chu21, CG09, Cyb09a, DSPY05, Daz99, Das00, Dav12, Day06b, Day11b, Day12a, DV99, DL00, DM12, DPM⁺12, DMR⁺09, DG12, Ebr10, El11, FKD21, FGHW20, FG01, Fox02a, FKSS08, FWGB07, GC00, GPL09, Gor10, GCV08, Gor13, Got14b, GL20, HS03, HL01, Hei20, Hin15a, Hin15b, Hin17c, HG00, HPMJ12, HMB⁺14, JH01, JH18, KSL01, KHS09, KSP12, KSM⁺17, KLMS09, Lan04, Lan06, LC09, LPB13, LPB15, LHN⁺12, LA18, LNI⁺19, LWSK07, LM07b, MM12, MPR18, Mar17, Mas06, MK10, MB11, MR13, MM14, Mem16, Mert02, MS09, MB17, MB20b, Mes15, Mill17, MHC⁺18, MS07, Naj08, NMCM22, NL99, O'L06a, Oug03, PAR13]. Computational
[AM18, Adl20, Aya07, Aya14, Bäc07a, Bar19, Bar20a, Bar21b, Bar21a, BLMR21, BW14, BHY21, BERT09, CK09, CL14, Car09a, Car12, CE14, CHC17, CB02, Chu21, CG09, Cyb09a, DSPY05, Daz99, Das00, Dav12, Day06b, Day11b, Day12a, DV99, DL00, DM12, DPM⁺12, DMR⁺09, DG12, Ebr10, El11, FKD21, FGHW20, FG01, Fox02a, FKSS08, FWGB07, GC00, GPL09, Gor10, GCV08, Gor13, Got14b, GL20, HS03, HL01, Hei20, Hin15a, Hin15b, Hin17c, HG00, HPMJ12, HMB⁺14, JH01, JH18, KSL01, KHS09, KSP12, KSM⁺17, KLMS09, Lan04, Lan06, LC09, LPB13, LPB15, LHN⁺12, LA18, LNI⁺19, LWSK07, LM07b, MM12, MPR18, Mar17, Mas06, MK10, MB11, MR13, MM14, Mem16, Mert02, MS09, MB17, MB20b, Mes15, Mill17, MHC⁺18, MS07, Naj08, NMCM22, NL99, O'L06a, Oug03, PAR13]. Computation-Based
[LSH⁺16]. Computational
[AM18, Adl20, Aya07, Aya14, Bäc07a, Bar19, Bar20a, Bar21b, Bar21a, BLMR21, BW14, BHY21, BERT09, CK09, CL14, Car09a, Car12, CE14, CHC17, CB02, Chu21, CG09, Cyb09a, DSPY05, Daz99, Das00, Dav12, Day06b, Day11b, Day12a, DV99, DL00, DM12, DPM⁺12, DMR⁺09, DG12, Ebr10, El11, FKD21, FGHW20, FG01, Fox02a, FKSS08, FWGB07, GC00, GPL09, Gor10, GCV08, Gor13, Got14b, GL20, HS03, HL01, Hei20, Hin15a, Hin15b, Hin17c, HG00, HPMJ12, HMB⁺14, JH01, JH18, KSL01, KHS09, KSP12, KSM⁺17, KLMS09, Lan04, Lan06, LC09, LPB13, LPB15, LHN⁺12, LA18, LNI⁺19, LWSK07, LM07b, MM12, MPR18, Mar17, Mas06, MK10, MB11, MR13, MM14, Mem16, Mert02, MS09, MB17, MB20b, Mes15, Mill17, MHC⁺18, MS07, Naj08, NMCM22, NL99, O'L06a, Oug03, PAR13]. Computational
[Par12, PLH⁺18, Pat02, PP20, PQQ20, PGH⁺05, Pos07, Pos09, Pos10, PG17, Ric99, Rop06, Run00, RF12, SH10, SBH⁺00, Sch15, Sch17b, SM17, SGA03, SDD⁺08, ST08, Sim13, SV14, SK01, SR13, SMC01, STB03, SMS15, Sul03a, Sul04a, TGP⁺06, TB11, TK06, Tes15,
Tha14, Thi02, TB04, Thi09a, THLK10, Thi13a, Thi15c, TX08, TS10, TGU21, THGS07, TP04, TM00, Tur14a, VGD+11, Vir16, VSE01, WHG21, WPW11, WM00, Wep08, WL09, WCH12, YRT+14, YMLJ06, YM14, Yas17a, Day12e, PAN+16a, PNL+16.

**Computationally**

[LCG+20, Sch07, SYM+21]. **Computations** [Bar20b, DM04, DKK05, FS12, Ful06, GBDW04, Mus20, PE09, SKC00, VCvdG+09, Wat21]. **Compute** [Day09b, HRWS06, Has08, HRRS09, Sul06a]. **Computer** [AAGH17a, AAGH17b, Ano13i, Ano13h, Ano14z, Ano14-29, Ano14w, Ano14y, Ano14x, Ano14-27, Ano15x, Ano15y, Ano15z, Ano15-27, Ano16t, Ano16q, Ano16w, Ano16v, Ano16r, Ano16z, Ano16y, Ano16n, Ano16s, Ano16-27, Ano16w, Ano16v, Ano16r, Ano16z, Ano16y, Ano17o, Ano17k, Ano17i, Ano17m, Ano17p, Ano17n, Ano17-31, Ano18t, Ano18v, Ano18w, Ano18x, Ano18s, Ano18r, Ano19t, Ano19u, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19v, Ano19w, Ano20z, Ano20-33, Ano20-34, 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, Ano20-45, Ano20-53, Ano20-50, Ano21-42, Ano21-43, Ano21-44, Ano21-40, Ano21-41, Ano21-45, Ano21, Ano21-49, Ano21-64]. **Computer** [Akl18, Ale18, Amo18, AMS14, Ano13b, Ano17c, Ano18-41, Ano19x, Bak10, BFF12, Bal15, Bal99, BT17, BKRT21, BFW+20, BTL19, Bar21c, BCH+09, BMCC99, BS99b, 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, Che17b, CHJC05, Cho06d, Cho06g, CNN10, CG09, CW20, CT00, CHM+20b, CHM+20a, Cyb02, DD05, Dan99, DCWH07, Day06a, Day07c, Day13b, Day15e, Day17d, Den16, DMXR+14, DW01, DSSS05, DTL+17, DRR+04, DKWL17, DMT+21, ES18, EDJ+10, EHG01, FKS15, FLV+09, FM13, For00, FG01, Fox01, Fox02b, Fox03b, Fox03c, Fra02, FRPK16, GHT+10, GR080, GB20, GHK+08, Gor05a, Gor06a, Gor07b, Gor07d, Got06, GS13a, Got14a, Got15, Got16, Got17, Gro09, HP14a]. **Computing**
Day [Wil16]. Daydreaming [Hin13a].
Days [Day15b, Sha14, CED+21], dbX [SDCV10].
Dealing [Bei02, Hin19]. Death [Cyb00b, Day07b], Deblurring [CO15, NO03].
Debris [JJ15]. Debt [Hin15b]. Debugging [HMB+14].
Decomposition [PCY14], Decomposition [LLQ18, RSZ+20, RSZ+21, TGU21].
Decision-Making [LLQ18, RSZ+20, RSZ+21]. Decisions [Asr04, MBH14].
Decoding [WW17]. Decomposition [FSED10, SCW+17].
Decompositional [Ste00].
Decompositions [GW15].
Degradation [LGJ+19]. Degree [Lan04, LGJ+19, Peo20].
Delays [BPMK21]. Deleted [Smi99f]. Delivering [WMC+16, Wil16].
Defect [LWT+13]. Defense [HG02, OKS10, Pos07, PS17, PK18, Bar21c].
Definition [SB00]. Deformations [YCKK03].
Deformed [CCPS12]. Degeneracy [Bei02].
Degradation [LGJ+19]. Degree [Lan04, LGJ+19, Peo20].
Delays [BPMK21]. Deleted [Smi99f]. Delivering [WMC+16, Wil16].
Defect [LWT+13]. Defense [HG02, OKS10, Pos07, PS17, PK18, Bar21c].
Definition [SB00]. Deformations [YCKK03].
Deformed [CCPS12]. Degeneracy [Bei02].
Degradation [LGJ+19]. Degree [Lan04, LGJ+19, Peo20].
Delays [BPMK21]. Deleted [Smi99f]. Delivering [WMC+16, Wil16].
Defect [LWT+13]. Defense [HG02, OKS10, Pos07, PS17, PK18, Bar21c].
Definition [SB00]. Deformations [YCKK03].
Deformed [CCPS12]. Degeneracy [Bei02].
Degradation [LGJ+19]. Degree [Lan04, LGJ+19, Peo20].
Delays [BPMK21]. Deleted [Smi99f]. Delivering [WMC+16, Wil16].
Defect [LWT+13]. Defense [HG02, OKS10, Pos07, PS17, PK18, Bar21c].
Definition [SB00]. Deformations [YCKK03].
Deformed [CCPS12]. Degeneracy [Bei02].
e-Infrastructure [MTG+12].
E-infrastructures [SPS15]. E-Reader [Day14c]. E-Science [Fox02a, KE05, RTSS14a, RTSS14b], Ear [yFZYD13, ZDW+07]. Early [BHV21, ERF21, PHW+16, Pos16, Sha14, Wil18].
Earth [GVBl5, KL15, Run05, Asr04, Bet17, DRR+04, GPZ+04, HDB+04, KB04, LM07b, MGZ00, Run00, SCW+17, Zeb00].
Earthquake [CHC+11, DPG+12, EI11, FCT+10, Gor07b, HEB+11, HS12, JRP+17, KMM+11, McK11, PSR+00, RF12, TB11, UZC+12, WPM+12, YMK11].
Earthquakes [Day11d, STHR12].
Easier [Dav12].
Eastern [Ale18].
Easy [Dub08c, Sul02a, Tho99c, Vor01b].
Eau [Smi99b].
EC2 [JRD+13].
ECG [WGJ16].
Eclipse [WD06].
EcoG [SES+11].
Ecological [GYF+10].
Economist [Fla17].
Economy [Wes03].
Ecoregion [HH99].
Ecosystem [Bar21b, DBCN03, PGH11, Tow18, WCG05, TBVP+21].
Eddy [DJS13, YWMM04].
Eden [SOH13].
Edge [KSSF11, Ano19a, Ano19b, Ano20b, Ano20c].
eeditable [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 [Ano22-40, Cyb00a, Cyb99c, Cyb00b, Kal99, KiI99, MBS+00, MHD99, 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, KSO2, MF16, MR06, Mem15, NC03, NL99, PT14, PV00, PS02, RC01, SS02, Sul01a, Sul01b, Sul03b, Sul03c, Sul03d, Sul03c, Sul04a, Sul04f, Sul04b, Sul04c, Sul04d, Sul04e, TA05, TX07, Thi05, TB99, TP04, TM00, VP04, VN99, Wai16, WR00, ZW19].
Education [AdI20, Ano16c, Ano16d, Ano17b, Ano18h, Ass00, Bia07a, Bei12d, BBO6, BERT09, But99, Day06b, Don99, FGP99, Gor13, GL20, HL00, Hu07, JHJ01, JPMG08, KMB+08, Lan06, LM08, Mar17, Mas06, MS07, NCMCM22, PMK+08, Peo20, PP20, Roo06, SDA20, SDD+08, Tan21, Thi12a, TX08, TMC+13, Tre99, YRT+00, YMLJ06].
Educational [Chr99, MHD99].
Effect [Chr99, Don02, KS06].
Effective [Dav12].
Efficient [BMCC21, MM16].
Efficiently [Luo13].
Effects [PQQ20, ZMM03].
Economist [Fla17].
Economy [Wes03].
Ecological [GYF+10].
EcoG [WGJ16].
Eclipse [WD06].
EcoG [WGJ16].
Electrical [CB02].
Electricity [Ass00].
Electro-Mechanical [Roh10].
Electro-Mechanical [Roh10].
Electrode [KHC+07].
Electrode [KHC+07].
Elementary [Ono01].
Elements [Ara99, BGHR06, JC02, O’L05g, Pos16].
Eliciting [Rao16].
Elastic [MJAK09].
Elastoplastic [O’L04a].
Electrical [CB02].
Electricity [Ass00].
Electro-Mechanical [Roh10].
Electro-Mechanical [Roh10].
Electrodynamic [Hei20].
Electrodynamic [Hei20].
Electromagnetic [JLYL19, LFN+11, XZL+19].
Electromagnetic [JLYL19, LFN+11, XZL+19].
Electromagnetics [KLS01].
Elementary [Ono01].
Elements [Ara99, BGHR06, JC02, O’L05g, Pos16].
Eliciting [Rao16].
Elastic [Don10].
Elastic [Don10].
Elastic [Don10].
Electrodynamic [Hei20].
Electrodynamic [Hei20].
Electromagnetic [JLYL19, LFN+11, XZL+19].
Electromagnetic [JLYL19, LFN+11, XZL+19].
Electromagnetics [KLS01].
Elementary [Ono01].
Elements [Ara99, BGHR06, JC02, O’L05g, Pos16].
Evenly [LM07a]. Event
  [Cas16, Gra07, Lew01b, NW15]. Every
  [Sul04d]. Everybody [Day18b]. Everyone
  [VGM+09]. Everything [Yas17b].
  Everywhere [O’L05e]. Evidence
  [Bar21a, Fox18, SGRK+18, TMMB18, Tec18,
   TKM+18, vGDS18]. Evidence-Based
  [SGRK+18, TMMB18, Tec18, TKM+18,
   vGDS18]. Evolution
  [BBM+15, BHV21, Che16, Cho06c, CBS14,
   DVR+19, FL99, For01, New00, VP04].
  Evolutionary [RRN20]. Evolvable [For01].
  Evolving [Cho05c]. EWD [Sul02a]. Exa
  [BAD+21]. Exact [RLRML04a].
  Exaggerated [Day07b]. Examining
  [BZL+07, PQQ20]. Example
  [Lud13, Pos16, Wei21]. Exascale
  [Aro15-37, BRS22, DGK19, DMT+21,
   GS13a, GS13b, JR10, JRPa+17, Kal19,
   KES+22, KS13, KLQ19, LMPV13, LA18,
   NdS17, SBW+19, WP22, MB20a, Mes17].
  ExCALIBUR [BBW22]. Excellence
  [Kad04, NRG+17, Nds17]. Exceptionally
  [Thi11b]. Excited [Mor15]. Exciting
  [Day07c]. Execution
  [BHL99, MSD10, SB00]. Executions
  [GPC08]. Exemplifying [PQQ20].
  Exercises [DM04]. Exoskeleton
  [YMHQ19]. Expand [WCP17]. Expanding
  [Pap16, Thi07]. Expect [Day09b].
  Experiences [BB06, Bot16, LTD11,
   LUMM14, Lof22, Taji0]. Experiment
  [Dav12, Gor07d, Sch01, Ste02, Var08].
  Experimental
  [CBF+22, GHT+10, Guo12, YYG+19].
  Experimentalists [DR05c, DR05b, Don06a,
   Don06b, RD05a, RD05b, DR05a].
  Experimentation [PGH+05, SGRK+18].
  Experimenter [Ben04]. Experiments
  [Ben04, LBS14, Liu11, MAFM21, MTG+12,
   MGD+08, Rei13, SZM+13]. Expert [Sma12].
  Expertise [MBH14, Mes15]. Experts
  [Ano16-47, Ano16-48, Bur18]. Explaining
  [GLS07, Jer13]. Explicit [BPMKC21].
  Exploitation [PTH13, RLHGA+13].
  Exploiting [BBD+13, DSK15, EGFL12,
   Muz19, XZL+19]. Exploration [BHF+08,
   BBW+20, CO15, CHM+20b, CHM+20a,
   DVP+17, DH12, DMT+21, EPHY18,
   JME+08, TDT+22, Th11b, TVN+02].
  Exploratory [GM02, LS20, WCP17].
  Explore [LPV00]. Exploring [ALH+20,
   BHC+15, Don02, Lu012, MB99, Ree16].
  Explosions [BPH+13, HMS+00, Ott16].
  Exponentials [O’L04b, Rus02]. Export
  [EHG01]. Exposing [PMM+08].
  Exposition [Hah04]. Expression
  [Kir03, OMKeSB11, YCK03]. Extend
  [GDDR16]. Extended [KL10]. Extending
  [Bas02, DY99, Dub00]. Extensibility
  [BKS15]. Extensible [ASM+14, KSM+17].
  Extension [Ron14]. Extensions [EGFL12].
  External [CFCD04]. Extinction [New00].
  Extraction [GMR11, KS20]. Extractors
  [JG12]. Extremal [Boe00]. Extreme
  [Che19, Cus14, Dar18, DTL+17, LWG19,
   NWP19, PT14, Sza11, TWE14, VM15,
   WH18]. Extreme-Scale [VM15].
  Extremes [TM15]. Eye [CT00, KPBW15].
  Face [FOdLVF+11, OMKeSB11, Pos13,
   SMM+11, SYP08]. Facebook
  [Day14f, FAFX20]. Faces [Got02b]. Facial
  [OMKeSB11, WLCJ12]. Facial-Expression
  [OMKeSB11]. Facilitate [MVUSK14].
  Facilities [Pap16, QRP22]. Facility
  [AGM+00, SW10, LBS14]. Factor [Els21].
  Factorizations [O’L06e, O’L06g]. Factors
  [DCWH07, DKWL17]. Failure [GB20].
  Faint [Bar12]. Family [Gor05a, Roc00].
  Fanfic [Day18f]. Fans [Got02a]. Fantasy
  [Smi99c]. Far [UGV11]. Far-Infrared
  [UGV11]. Faraday [Day16c]. Farewell
  [Bei12b]. Farms [Day17d]. Fashion
  [Day17a]. Fast
  [Ara99, BB07, BS00d, KLMS099, MBS+00,
   O’L05f, ReK99, RRA06, Tho99c, Zak18,
   Clo15, DR05c, DR05b, DR05a, Don06a,
Fault-Tolerant Filtering [FL05].

Fictional [Day16f].

Find [Far99, NL99, Sha99, Vir16, Wep15].

Finance Final [Thi16].

[MGFRL Day17c, Don10].

[Day17d].

[HHZK01b, HHZK01a, Jeff22, PMW20, ZMM03].

Fields [Ma16, SUP+11, SV14].

Fifteen [BKK15].

[HP20, Wes21].

Field [SOV].

Flows [DWC15, SETK05, SNTL13].

Formalism-Based [GW15].

Format [Ben09, Poi10].

Formation [CDKF15, SETK05, SNTL13].

Forums [LSPN21].

Fortranning [Mol12, CRDO16, DNG07, DY99, Nob00b].

Follows [Cho05f, Her21].

Foster [For99].

Fostering
Geometric [Lui06, ZZPC06]. Geometries [FGR+07]. Geometry [Chi21, DAKM16, MPP14, O’L12, RLRML04a, SWDR22]. Geometry-Centric [DAKM16]. Geophysical [IHL+02]. Georeferenced [AAB+13]. George [O’L05b]. Geoscience [Har04a, HEH+10]. Geosciences [LWF10]. Geoscientists [Tha14]. Geospatial [MPP14]. Germany [Day12c]. Gestures [YHWY05]. Get [Ano14t, Ano15s, Ano15t, Ano15u, Ano15v, Ano16s, Ano20-33, Ano20-34, Ano20-35, Ano21-42, Ano21-43, Ano21-44, Ano21-40, Ano21-41, Ano21-45, Ano22v, Ano22w, Ano22x]. Gets [Shi99]. Getting [Gra09, KSB07, MAFM21, O’L05g, Wil06]. Giant [LWT+13]. Gide [CO15]. Ginzburg [Osk07]. Girls [Sca16]. GIS [GYF+10, JJZC10, Shi07, WPM+12]. Gismo [BCA+00]. Glacier [BZL+07]. Glass [YZZ04]. Glasses [BHKW03, DCC10]. Glast [BCA+00]. Glimpse [Hin13b]. Glimpses [Sin18, Ano18]. Global [BB07, BBM+15, CNO99, ECK+15, KE05, LAY04, MRNT17, SH10, TR08, TLD02, YCD+21]. Globally [KFMY20, XBK10]. go [Ano14-55, Ano14-56, Ano15-48, Ano15-49]. Goal [SBW+19]. Going [Su102c]. Golomb [Mun13b]. Gone [FL21]. Good [Bei10c, Dub99, Poi10, Sul04b]. Goodbye [Dub08b]. Google [Cha08]. Googol [Cha08]. Got [Dub15b]. GPGPU [HK12]. GPS [Tou02a]. GPU [EH22, BFF12, CJI+18, CG09, DJS13, EKCS12, FKB+13, FPRK16, Gra09, Kei10, MGG08, RRR11, 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]. Grace [EH22]. Graders [Ste14]. Gradients [Tof09b]. Grading [KC09a, KC09b, KC09c]. Graduate [BLMR21, BHV21, GN08, LC09]. Grain [Bi00]. 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, Ano202z, Ano20f, Ano21a, Ano21b, Ano211, Ano22h, Ano22i, Ano22j, BkCP22, CF99a, CY00, Che03, HRWS06, Hun07, KSP12, SDS00, SJDV09, Wat21, Zha16]. Graphs [Dru20, JG13, QSEQJFH20]. Gravitational [ACF18, BVT+21, LL13, SV14, SR12]. Gravity [KNKP14]. Gravity-Induced [KNKP14]. Gray [Jq19]. Great [Lov04, Smi99f]. Green [Hem10, MSD10]. Grid [BB07, CCJ04, FG01, Gor07d, GWA+07, HF04, SYP08, YLCZ05, BC05a, BC05b, BDC05, CHJ05, F0x02b, F0x03a, F0x03b, Gor07b, JRD+13, Zha02]. 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, Eth101, FC09, FF03, For06b, GS13a, HP14a, HP14b, HS03, HG02, HP04, Kar02, Kax01, KS02, Kap03, MF16, MR06, Mem15, MS99, NC03, NL99, PT14, PV00, PS02, Pos04a, Pos04b, Pos07, Qau18, RC01, Run00, Run05, SS02, Sul09a, TA05, TX07, Thi05, TB99, TP04, TM00, VP04, VN99,

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, Ano22r, Ano22y,
Ano22-28, Ano22-31, Ano22-33, Ano22-27,
Ano22-29, Ano22z, Ano22-34, Ano22-30,
Ano22-32, Ano22-35, Ano22-36, Ano19c,
Ano20q, Ano20r, Ano20u, Ano20v, Ano20-33,
Ano20-34, Ano20f, Ano20g,
Ano20h, Ano20i, Ano20j, Ano20k, Ano20l,
Ano21-29, Ano21-30, Ano21-31, Ano21-32,
Ano21-33, Ano21-34, Ano21-35, Ano21-36,
Ano21-37, Ano21-38, Ano21-39, Ano21-40,
Ano21-41, Ano21-42, Ano21-43, Ano21-44,
Ano21-45, Ano21i, Ano21j, Ano21k, Ano21l,
Ano21m, Ano21n, Ano21o, Ano21p, Ano21q,
Ano21r, Ano21s, Ano21t, Ano21u, Ano21v,
Ano21w, Ano21x, Ano21y, Ano21z.
IEEE [Ano22w, Ano22x, Ano22y, Ano22z,
Ano22-28, Ano22-31, Ano22-33, Ano22-27,
Ano22-29, Ano22z, Ano22-34, Ano22-30,
Ano22-32, Ano22-35, Ano22-36, Ano19c,
Ano20q, Ano20r, Ano20u, Ano20v, Ano20-33,
Ano20-34, Ano20f, Ano20g,
Ano20h, Ano20i, Ano20j, Ano20k, Ano20l,
Ano21-29, Ano21-30, Ano21-31, Ano21-32,
Ano21-33, Ano21-34, Ano21-35, Ano21-36,
Ano21-37, Ano21-38, Ano21-39, Ano21-40,
Ano21-41, Ano21-42, Ano21-43, Ano21-44,
Ano21-45, Ano21i, Ano21j, Ano21k, Ano21l,
Ano21m, Ano21n, Ano21o, Ano21p, Ano21q,
Ano21r, Ano21s, Ano21t, Ano21u, Ano21v,
Ano21w, Ano21x, Ano21y, Ano21z.
IEEE-CS [Ano16b, Ano18b]. Ignition
[Ano16b, LBS14]. II
[BC05b, DB05b, DB05b, LT09, Mal07b,
Pos08b, RTSS14b, Rus01b, SA08b, WHG21].
III [LTG07, Rus02, RD05a]. IK [WLL+14].
IK-SVD [WLL+14]. Illuminating
[DRR+04, Ged16b]. Illustrator
[BB07, Dac16]. Image
[To08b, To09a, To09b]. Image
[CO15, CS11, Eng15, FSED10, FKB+13,
KSSF11, LFC01, LPY18, LPCY19, LHGX18,
MP09, NO03, PL07, Pey11c, TDT+22,
Van12, VWL+11, ZFS12]. Image-Based
[LFC01]. Image-Guided
[VWL+11, ZFS12]. Imagination
[Wil01]. Images
[BBM+21, Day15a, Gig00, GMPR11, JG12,
MFD+09, YWC02]. Imaging
[JT01, MJAK09, MB07, QPJC07, Rei21b,
UGV11, Rei21a]. Imbalanced
[RRN20]. Immune
[KS00]. Immunology
[Chy99]. Impact
[CJL+18, CR15, Day08a, ERF21,
ECK+15, GWMG04, HPC20, Rei16, 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
[BS09b, Chn21, Fox02c, PCY14, Thy20].
Importance-Driven [PCY14]. Important
[Day07c]. Impress [Nai15]. Improve
[Eis17, STG11, WJ04]. Improvement
[MBH14]. Improves [Jon19]. Improving
[BMCC21, CJTH+13, FAX20, Gao02,
KL07, LPCY19, MM16, PSS20, SMM+11,
SNCT13, YLZ17, ZQY+11]. In-Silico
[KFS18]. In-Situ [RAD+21]. In-Set
[SG10]. Inaugural [WDC18].
Incentivization [MMR22]. Included
[Dub07c]. Inclusion
[Akt18, Leu17, Leu20, SL18]. Inclusive
[Deb18]. Inclusivity [Mil21]. Income
[Slo16]. Incompressible [DJS13, DGK16].
Incorporating [LNR19]. Increase
[MNTD+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, Gyu00,
Haa99, WLCD01, YAA+00]. Infected
[Sch21]. Infection
[OL04c, OL04d, Sch21]. Inflection
[Gir17]. Influence
[AM05, DKWL17]. Influencers
[CM+20a, CHM+20b]. Influences
[JHH+16, Sca16]. Inform
[DCN03]. Informatics
[BDCN03, GKG+15, Liu15, MSM13].
Information
[Ano13i, Ano14-29, Ano18c, Ano18d, Ano18e,
Ano18f, Ano18t, Ano18u, Ano18v, Ano18w,
Ano18x, Ano22c, Ano22-32, BBN03, BCL03,
Cha08, Chu02e, Fox02a, Fox03c,
Ged16a, Kal99, KNY03, Lew00b, LLQ18,
MO03, MSL02, Pok04, Qua18, Qua19, TDT+22, TW17, ZS07, ZYKG04, SMM+11.

Information-Theoretic
[KNV03, TDT+22, ZS07]. Infrared
[ML02, UGV11]. Infrared-Scene [ML02].

Infrastructure [ABM+22, Ale18, Cyb99b, Got02b, MTG+12, Got15, Got16]. infrastructures [SPS15].

Initial [LTD11]. Initialization [WZZ11].

Initiative [SDA20, Ano18A, ES18]. Inner [YZC+13].

Innovating [Goo17]. Innovation [FL21, McM09, Men18, Mil17, PG17, SSK13, WMB20]. Innovative [For99].

Inpainting [FSED10]. Inria [ACG+20].

Insights [Ano14, Dub21, Mal07a]. Inspection [DLLZ19, DLLZ20]. Inspired [For00, Gor08b].

Integrating [CHB19, CF99b, Fox03c, Hu07, Lo22, MCE+03, YWC02]. Integration [BKB20, Nan11, Nob00a, O’L04e, Shi07, She07, WQT+16, WWJH20].

Interacting [CHM+20b, CHM+20a, DGR+05, HL00]. Interacting [Kus06b, LCY+04, MRNT17, MPR18]. Interactions [EUD15, LBS14, SNTL13]. Interactive
[BBW+20, DH12, HLYQ19, Lan02, Mar02, PG07, PFS21, PTH13, RR21, SD00, Sio09, Sii02, TC21, VGM+09, Vor01b, WAS+12]. Interactively [LM07a]. Interbeat
[TGP+06]. Intercalation [PAF08].

Interconnect [Mei03]. Interdisciplinary
[GN08, Tan21]. Interest
[JH16, O’L04b, SAK+02]. Interface
[BZ02, GREE99, OW01, VGM+09].

Interfaces
[Ben04, PV00, Shi01b, Smi99d, Smi99a, Smi99b, Smi99c, Smi99e, Smi99f, Smi00a, Smi00c, Smi00b, Smi00d, Smi01b, Smi01a]. Interferometric [Zeb00].

Interinstitutional [GCV08]. Interior
[DRR+04]. Intermediate [SSK02].

Internal [CFCD04]. International
[Ano15, Car09a, Car09b, CHC17, Run05]. Internet
[Ano19X, Com99, CNO99, Day10b, Day11d, Day15a, Day16a, FGRS17, GHKZ17, Kil99, MHD19, NLV99, Rob06, Shi07, Shi01a, Smi99b]. Internet-of-Things [FGRS17]. Interns [Lo22]. Interplay
[BHKW03]. Interpolation [WLCJ12].

Interpretive [CNC10]. Intersection
[Sha99]. Intersectional [Wri16]. Interval
[LLQ18]. Intervals [TGP+06]. Interview
[Mar99a, Sha99, WM00]. Intracardiac
[SOL+13]. Intracranial [WNZ+17].

Introducing
[KNS18, Tho09b].

Introduction
[Aso04, BLMR21, BC99, BS06a, Ber99, Bli02, BC05a, BC05b, CN03, C07, Ch03, 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, Rou00, Run05, SS02, ST99, Sul09a, TA05, TX07, Tes15, Tho05, TB99, TP04, TM00, V04, VN99, War18, WR00, Win06, ZW19, Ale13, AM15, CE14, CLZ13, CF13, For16b, HP14a, MF16, Mem15, PT14, Qua18, Wai16].
[LBS14, MM04, TDB09]. Laser-Plasma [LBS14]. Laser
[Ale13, Cyb01, Gor06c, MSM13, NWP19, PTH13, SR13]. **Machine-Based** [NWP19]. **Machines** [Che19, DPP+01, HP15, Hin17b, KM12, LWG19, WC17]. **Macromolecular** [TGP13]. **Macroscopic** [HT99]. **Madagascar** [Fom15]. **Magazine** [SCBT18, Thi15b]. **Magazines** [Ano13d, Ano14e, Ano14f, Ano14g, Ano14h]. **Magic** [Har18, Hin20a]. **Maglev** [DLW19]. **Magnetic** [MB07, SV14, TL08b]. **Magnetism** [Ass00]. **Magnetohydrodynamic** [MRNT17]. **Magnetohydrodynamics** [GPZ+04]. **Magnetron** [FMB+07]. **Mainstream** [DD05]. **Maintaining** [Dub05b]. **Major** [Ano16n, Ano16o, Ano16p, Ano17p, Ano20n, Ano21y, Ano21z]. **Majors** [Slo16]. **Mak** [NG20]. **Makes** [Bei10c, Day08c]. **Making** [Bar11, CE18, FS12, Kra03, LLQ18, Nob07, PF04, Rag06, RSZ+20, RSZ+21, SKC00, Sul02a, Wil06, Ya17]. **Male** [Deb18]. **Manage** [KB04]. **Managed** [NCB+05]. **Management** [Ano18z, Ano19y, CF13, DVR+19, DBF02, LWG07, GB20, GSB+12, HL01, KPA+16, MWE08, MSL02, NKV99, NSL99, PFG+15, SOH13, STN99, SBZB13, SF11, TSFG08, TL04b]. **Managing** [BDCT05, FB04, GP15, Hin12b, KB09, O’L06d, RMX12]. **Manifold** [ZWL02]. **Mantle** [MG20]. **Manufacturing** [FM13, SGW02]. **Many** [BFL+22, BOS07, CWOL11, GHKR11, HKB12, KSP12]. **Many-Core** [BFL+22, CWOL11, GHKR11, HKB12]. **Map** [ZDW+07]. **Maple** [CW05b, CW05c, CW05d, Dub00, R014]. **Mapping** [JJ15]. **MapReduce** [Coh09]. **Maps** [KSSF11]. **March** [Day18c]. **Marching** [DSC+09]. **Marine** [Cor07, JJ15]. **Marker** [ACQ+20]. **Marketing** [Ano00b, Smi99b]. **Markov** [DJ02, Ran06]. **Mars** [MRNT17, VPL18]. **MARTE** [RGD13]. **Mass** [BZL+07]. **Masses** [DMXR+14]. **Massively** [BGHR06, BRS22, CWOL11, KKO+20]. **Master** [Peo20]. **Mastering** [Hin17a]. **Masthead** [Ano13l, Ano13m, Ano14-33, Ano14-34, Ano14-35, Ano14-36, Ano14-37, Ano14-38, Ano15-29, Ano15-30, Ano15-31, Ano15-32, Ano15-33, Ano16-31, Ano16-32, Ano16-33, Ano16-34, Ano16-35, Ano16-36, Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano18-31, Ano18-32, Ano18-33, Ano18-34, Ano19-37, Ano19-33, Ano19-34, Ano19-35, Ano19-36, Ano20-63, Ano20-58, Ano20-59, Ano20-60, Ano20-61, Ano20-62, Ano21-68, Ano21-69, Ano21-70, Ano21-71, Ano21-72, Ano21-73, Ano22-37, Ano22-38]. **Matching** [XXK+02]. **Material** [ASLK22, BCB07, BMS99, CBW02, Esi17, LFC01, NKV99, SGW02, S0S+00]. **Materials** [AGM+00, BNNM04, EKCS12, GL99, KNG10, Kax01, KES+22, KS01, LHN+12, Lew10, MIAK09, Osk07, PZS10, Saa09, SDA+14, SKV03, STH22, ZS07]. **Math** [Bur99, Can99, Mar99a, Rei13, TM14]. **Math-Style** [Rei13]. **Math.Js** [dJM18]. **Mathhead** [Bur99]. **Mathematica** [CW05b, CW05c, CW05h, CW05d, Com99, MAC08, Shi02a]. **Mathematical** [BB01, DM04, HAB17, HHR02, MC00, OW01, Sh19]. **Mathematics** [Bur99, Can99, Mar99a, Rei13, TM14]. **MathML** [Co14, Gra08b, dJM18]. **Mathematica** [LVWK02]. **MathScript** [Com99]. **Matlab** [CW05b, CW05c, CW05h, CW05d, Co14, Edd09, Has12, MAC08, Osk07]. **Matplotlib** [Hun07]. **Matrices** [O’L14]. **Matrix** [Kir03, O’L06e, O’L06g, SL99, Ste00, VCD+09]. **Matter** [DCWH07, De18, O’L05d]. **Materials** [Ano13-39, Ano14-40, Ano14-41, Ano14-42, PKST08a, PKST08b, PKST08c]. **Maximizing** [CF13]. **Maximum** [HSJ+19, PA12, Sch16]. **MaxLike** [SMM+11]. **May** [Dub08a, Smi99a]. **Mayavi** [RV11]. **MCALab** [FSED10]. **MDBN** [GYJL20]. **MDE** [RGD13]. **Me
YWC02, YLR02, dOMdO+04].
Model-Order [CPdlF+12]. Modeling [ASM+14, ABK+02, AMS14, Ano15e, BMCC21, BPH+13, BPMKC21, BZL+07, CAP+10, Cas16, CF99b, CYW01, Ch07a, CS01a, CNO99, FSD02, FGR+07, FGG+22, 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, Lun07, MRN17, MM18, Muz19, Nai15, NW15, Orf21, Owe01, Par16, PHW+21, Pu16, RRH+02, RC01, Sch21, Seg99, STG11, SNCT13, SV14, STH22, SS02, SKA+02, STB03, Str10, TM15, TA05, TX07, Tie16, VSE01, Wai16, WCHRM21, WHM+02, WCBG05, WPW11, WP200, YM14, Yst17b, ZS07, ZQY+11, ZCXM99, da03, Beh05].
Models [ATRA00, Ben04, CS18, DLLM04, GEH+99, GW15, HHR02, HGV+08, KKO+20, Liu15, Luo12, MT00, McK00, MSD10, New00, O’L04c, O’L04d, Pek04, Pie04, PD02, PSR+00, SETK05, She07, WWJH20, XHL+13].
Modern [Alt10, Cho09a, Cho09b, Day15e, DS12, Hu07, Mol12, RMX12, Sch14, SBB+15, WC17].
Modernization [NdSS17, NdS17].
Modify [KRR+12]. Modifying [Tof09a]. Modular [SZM+13]. Module [KB07, TGEA09].
Modules [Bar20b]. Molding [JMFJ01]. Molecular [BST+13, BH02, CTH+13, Cho08g, Col18, EP10, HE05, IBPV03, KES+22, KFS18, LNI+19, Mai07a, Mar99b, NKV99, NMC22, PZJS10, Re02, TDB09, TX08, Vor01b, WCH18].
Molecular-Dynamics [NKV99].
Molecular-Scale [Re02]. Molecule [Gor06a, NLG13]. Molecules [McC21].
Money [SW10]. Monitoring [KNKP14, VVNV18]. Monotonically [GF04].
Monte [Ama06, BS06a, BS06b, BOS07, DCC10, Day13e, Eng09, EKCS12, Fe110, GH00, LSDP+04, Lui06, Nob02a, OASLAB09, Ork09, PPE00, SWDR22, SG00, SU07, WVP12].
MOOC [Kra15, PQQ20]. Moon [Lan02, MM14].
Moore [Fla17, FF03, Gar17, Mei03, TW17, TFS17, Wes03]. Morley [Ste02].
Morphogenesis [MHK+06]. Morphologies [BMCC21]. mOSAIC [JCP14].
Most [Orf21]. Motion [JRP+17, VWL+11, YZC+13].
Motions [BHKW03]. Motivation [MM12]. Motors [Cho08g].
Mount [Jikk10]. Mount [Jikk10].
Mounts [Jikk10]. Mouth [GMP11].
Mouse [ERS+03, SRM+07].
Mouth-Structure [GMP11].
Movable [And11]. Movement [DL00]. Movie [Kra03].
Moving [LTD11, MB11, WJLY08].
MPI [CNC10, Ong02]. mpi4py [DF21].
PMMs [DSS05]. Mr [Day06a]. Mr. [Smi00b].
MRI [HMA00, MWC+16].
MRICloud [MWC+16]. Mrs [Smi00b].
Multi [Ano16-47, Ano16-48, RRN20].
Multi-Core [Ano16-47, Ano16-48].
Multi-Objective [RRN20]. Multiagent [YYL+18]. Multiagent-Based [YYL+18].
Multiagents [Naj08a]. Multicanonical [GH00].
Multicellular [CAS+07].
Multicharacterization [AL15].
Multicomponent [Dub21].
Multicomputers [SWPB00].
Multicore [Gor07c, KM12, WJLY08].
Multicriteria [LLQ18]. Multics [MKM+14].
Multidimensional [HW15, NSP12, O’L04a, SKN03, YKD+03].
Multigrid [BW06, BGHR06, Fa106, MR06, O’L06d, OL06h, Yav06].
Multilevel [PLW17].
Multimedia [EGFL12, Shi00c].
Multimillion [BW14]. Multimillion-Line [BW14].
Multimodal [LPB13].
Multimodel [SPJ+14].
Multipart [Ben00].
Multiperspective [LHG18]. Multiphase [BAD+21, FPR16].
Multiphase-Flow [FPR16].
Multiphysics [Dub21, Gra08a, GZC14, KVP+16, KVP+17, TA05].
Multiple [Bea00, DKW17, FM19, Kus06a, LEPY18, Smi03].
Multiple-Choice [Bea00].
Multiple-Precision [Smi03].
Multiple-Scales [Kus06a]. Multipole [BS00d, MBS+00]. Multiscale
[BPH+13, FMKS08, GZC14, GNB+09, Hym05, IHL+02, LVLA14, MM18, MCAA05,
NBK+01, PAF08, Pey11b, SNCT13, SFSK01, SKC05, XKG05]. Multisensor
[HSJ+19]. Multisensory
[Har04a, Loi03, Rob04]. Multitask
[GVB15]. Multitiered
[MAG21, SZM+13]. Multitier
[PSS20]. Multivariante
[XZL+19]. Multivariate
[AMCH07, DH12, HH99, JMEL08, Liu15, SETK05, TDT+22].
[Cho07a]. Mutation
[HK09]. My
[Bei12c, Ben09, Day06b, Day10c, Day10d, Day14c, MM14, TL08a, Toh08].
myComputer [Ano13p]. myCS
[Ano17w, Ano18-39, Ano18-40]. MyDB
[LT08]. N
[Mol12]. Naked [Läu08]. Nallatech
[SG10]. Nanobiological [FMKS08].
nanoHUB.org [KMB+08]. Nanoparticles
[KLS01]. Nanophotonics [BVB+07].
Nanoscale [SKL10]. Nanoscience [RC01]. Nanostructured
[KNG10, PZJS10, VWP12]. Nanosystems
[NBK+01]. Nanotechnology
[KMB+08, RC01, SMC01]. Nanotubes
[SMC01]. NASA [DM12, LAY04, MB11, MR13, MM14, Men16, SM17, SNCT13,
Sim13, SV14, YLR02]. Nascent [Tan21]. National
[Tow18, Ano18-41, ES18, LBS14, Tou03, WG15]. Native
[AAB+21]. Natural
[ASKL22, Ast04, FWGB07, HBG+20, KB04, MT00, TL04a, YHW05]. Nature
[NTW07, Run03, Rus01a, Rus01b, Rus02, Rus03]. Naval
[Pan+16b]. Navigating
[PSJ+21]. Navy
[MSR+16]. NavyFOAM [KSM+17]. Near
[CW05e, Cho08c, JRP+17, MM13, ZMM03, Zei17]. Near-Fault
[JRPe17]. Near-Field [ZMM03]. Nebulae [NAS+12]. Necessary
[Toh07]. Necessity [Ren10]. Need
[Day14e, Lev00a, WBP+19]. Needed
[Ano15-37, Mes15]. Needs
[HG02, Jef22, Thi13d]. NEEshub
[HEB+11]. Negative [Bot16]. Negotiating
[SDA20]. Negotiations [BSF04]. NEMO
[KL10]. Nene
[KL10]. Nene
[KPM10]. NERSC
[BKK15, ECK+15, YBBP15]. Nerve
[Has08]. NEST
[MR+16]. Nest
[Dub05c]. Netherlands
[MOBD+22]. Network
[Cas16, NCB+05, Put16, ZZZ+19, ZGR+17, ZZC+19, ZZYN06]. Networking
[ALH15, Ano16-43, Ano18-44, BMC99, Hoc10, Thi06]. Networks
[ABK+02, Day13c, Fox01, Gor06c, JLP+10, LTD11, LWG19, P16, Seg99, ZYKG04].
Neural
[CWOL11, Fra07, Gor06c, JLP+10, ZZZ+19, ZZYN06]. Neurocognitive
[Muz19]. Neuroimaging
[SL03]. Neuroinformatics
[MWC+16]. Neuromorph
[Boa17]. Neuronal
[Seg99]. Neuroscience
[BFF12]. Neutrino
[Cho07b]. Never
[Dub07d]. News
[BCC+99, Bur99, CC99, GJ00a, GJ00b, Got03, Got04a, Got04b, Got04c, Got05c, Got05d, Har04b, JG03, Jac03, LG03,
Nob00b, Shi99, Shi00c, Shi00b, Shi00d, Shi00a, Shi01a, Ton00, Ton01]. Next
[BBW22, Ged16a, HP15, McM09, NMCM22, SL02c, Tha14, Thi04, Thi15c, Wil17]. Next-Generation
[Ged16a, HP15, McM09]. Nice
[Ren10]. NMR
[EWN+13, XXK+02]. No
[Day09b, Ome06]. NOAA
[War18]. Nobel
[Day12e]. Node
[YLCZ05]. Noise
[ATG05, GLS07, KPD+99, Kus06b]. Nominate
[Ano19-38]. Nominations
[Ano14y, Ano15g, Ano16c, Ano16d, Ano16n, Ano16o, Ano16p, Ano17a, Ano17b, Ano17p, Ano18b, Ano20h, Ano20s, Ano20-36, Ano21y, Ano21z, Ano21-48, Ano22b]. Nominees
[Ano15c, Ano16c, Ano16d, Ano17b]. Nonconventional
[ZAF+01].
Nonequilibrium [MCAA05, dKCYA00].
Nonlinear [Bea00, FL05, JCC+10, LWG19, MS07, Rus02, YCKK03, ZB04].
Note [ACF18, NSR10]. Notebooks [PFS21, Tan21, WBB+20]. Novel [CXC+20, FMB+07, KTG08, Kin09, LCC+19].
Number [ABNZ09, Ano05a, KM12, Peg12]. Number-Crunching [Peg12]. Numbers [Bau08, Hil15]. Numerical [BKB20, CBS14, Die12, Ful06, GRS08, HT99, Hu07, KL07, Lud13, LL11, MGZ00, Moy06, MSS09, Nob02b, Pes03, Pey11a, Pey11b, Pey11c, Ram18, RK05, SA08a, SA08b, SS11, STTV05, Sul99b, Sul06b, Tur14h, WWJH20, XBK10, ZZYNH06, vdWCV11]. NumPy [PSSP15, vdWCV11]. Nvidia [EH22, HKB12].
Object [BJ02, Fox02c, GRE99, TSKG03, YaL10]. Object-Oriented [BJ02]. Objective [RRN20]. Objects [And11, Liu08, RMX12, Tofo9b, IK05, Tab05]. Obscure [Shi00a]. Observation [BVT+21]. Observations [The03]. Observatories [BHI+08].
Observatory [Run05]. Observer [Shi02b]. Obtaining [Azo06]. Occasion [Pre09]. Occupation [HSJ+19]. Ocean [BHI+08, WHM+02]. oceanographic [IK05]. off [NLV99]. Office [MWE08]. offs [PKST08c]. Oh [Sul02d]. OK [Day11f].
OpenCL [BS21, Di 14, PCY14, RGD13, SGS10]. OpenGL [XCY05]. Opening [DID03]. OpenMM [EP10]. OpenMP [BST+13].
OpenOffice [DiD03]. OpenPNM [Put16]. Opens [SP18]. OpenSees [McK11]. Operation [BDCT05]. Opportunities [BLO+22, DPG+12, EUD15, GPL09, Hin18a, LMB7b, SL18, TGP13, VM15, WPW11, WCP17, THGS07]. Optical [GBPR11, HO09, HJLL103, SGA03, ZMM03]. Optical-Disk [ZMM03].
Optics [Kup03, Oug03]. Optimal [ARO+11, BKB20, BHL99, Bet99, MGFRL+12, WQLZ18, Zei17].
Optimization [Boe00, EVL+17, PSA14, SH10, SR12, XZL+19, YAA+00, ZLTX19]. Optimize [Fort01]. Optimizing [DADY15].
Organ [XYC+09]. Organic [BMCC21].
Organisms [CAS+07, CFCD04]. Organizations [Deb18, CFCD04].
Organizing [PBD+11]. Oriented [BJ02, DGR+05, FGRS17, LZZ17].
Orthogonal [BJ02, DGR+05, FGRS17, LZZ17].
Dub00, Fal09, GRE99, Gra09, GS13b, HC99, HHZK01b, HHZK01a, Hin09, Hin13a, Hin13b, Kar99, LT09, LPV00, LC12, MM18, MAG21, Nas00, PTML11, Rag06, SDS00, SL99, SB00, SGS10, Taj10, Wol21, XCY05, Wep15.

Programs [BCC+99, CRDO16, Di 14, Dub05b, Dub12, Fos17, LDAS19].

Progress [GF04].

Project [Ale18, DMT+21, KMSH10, KPA+16, Mak06, NCB+05, Owe01, PSSP15, PQQ20, Thi07, Fom15, KPM10, MB20a, Mes17, SGRK+18].

Project-Based [PQQ20].

Projection [MR13, NSP12, Rus03, YCKK03].

Projections [HKW03, dSRT16].

Prolog [BT10b].

Prologue [Dau99].

Promise [Gor06c, Pos09, Pos10].

Promises [Hin09, LT09].

Promising [Mar17, ZGR+17].

Propagation [BPMKC21, LPV00, SA08a, SA08b].

Propellant [HD00].

Properties [JXY+19, Lew10, MJAK09, Osk07, PI16, SÖS+00].

Property [Cyb99c].

Prospectus [Boa17].

Protection [Lew00a].

[Han03, Jav12, Mal07a, Mal07b, SK01, Wol16, WCH12, XDK+20].

[Protein-DNA [WCH12].

[Proteins [PP20].

[Protocol [Gal11, LZZ17, Zei17].

[Prototypes [Mil17, Pos14].

[Prototyping [FMB+07, HD00, LRRK00, PL02, PS17].

Prove [Sul99b].

Provenance [AAH*08, DGJ+08, FKSS08, MGD+08, SFC07, ST08, TJCC20].

Provide [PK18, Tou01].

Provides [CC09, Rob06, Tou00, Wol16].

Province [GYF+10].

[Provision [GHKZ17].

Proximate [JON+21].

Proximity [MPP14].

Proxy [MDW+22].

Pseudopotential [SAC15].

Public [Day13e, MB20b, RTSS14b, Ree16, SKA+02].

Public-Interest [SKA+02].

Publication [Ano22c, Che18, CW05e].

Publications [Ano22-40, FS12].

Publish [KNS18, Thi14].

Published [Ano20-33, Ano20-34, Ano20-35, Ano21-42, Ano21-44, Ano21-40, Ano21-41, Ano21-45, Ano22v, Ano22w, Ano22x].

Publishing [Ano13c, Thi15b].

Pulses [TDB09].

Pulverized [MRKK17].

Pure [LT09].

Purpose [FHM99, Got06, SSC18].

Purposes [Wat21].

Pursuit [Sic09].

Putting [LTNME09, Mar99a, WC15].

PyCOMPSs [BCE+22].

PyFR [Wit21].

PyMOL [Moo21].

PyNSol [Tob05].

PyOMP [MA21].

PySPLIT [War18].

Python [Wep15, APS10, Aya14, Bäc07a, Bar21b, BKGRT21, BDF+20, BUS21, BLP+21, BVB+07, Cot03, Day14d, Di 14, DY99, Dub07e, Grc07, Gue18, GWW09, Hm07, KB07, LFN+11, LeV09, MAFM21, MMP+22, MSL+07, MAG21, MB07, MA11, MS07, MGS07, Oli07, PGG11, 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 [DkW17].

Quality [HLS+16, MMR22, RPEB14, Ste99].

Quantification [XKG05].

Quantify [JJZC10].

Quantity [Fos17].

QuantLib [Vir16].

QuantLib-Python [Vir16].

Quantum [Ale15, Ano20-56, Ano20-55, Ano22-36, Bäc07b, BC03, BC07, Bro06, Cyb02, DCC10, Day07c, EKCS12, GHK+08, KFS18, McC21, Mus20, OASFLAB09, PMW20, SDA+14, UMO8, VMH05, WOAEG110, WB03].

Quarks [Cre04].

Qubit [Key05, Lew01a].

Query [Wri16].

Queries [MPP14, O’LI, ZSM+22].

Query [ALH+20, AAAH+16, LT08].

Query-Based [ALH+20].

Quest [DW01, Mat05].

Questions [Sus03b].

Quick [Vor01b].
Quickhull [Muc09]. Quickly [Muc09]. Quicksort [JaJ00].


Reconfigurable [EVA+21, GLS11, KSB07, Liu11].


Reduc [ACF18, BAD+21, GYL+17, LQZL19, SL03, Vi08, Vor01a]. Redux [MHD09].

Referencing [ACG+20, CGZ20]. Refined [BW06]. Refinement [ATG05, Bry99, BB+21, MCAA05, NSL09]. Reflect [SCBT18]. Reflecting [SBW+19].

Reflection [Che09, Chu21]. Reforms [For99]. Region [KSS11, PL07].

Region-Growing [PL07]. Regional [ASL22, PSR+20, WC15]. Regional-Scale [ASL22]. Regions [LM07b, Ra06]. Register [Ano20-37]. Regression [CT00, FM19, GYL+17, RPBE12, SL03].

Regression-Test [RPBE12].

Regularization [LHG+18]. Rehabilitation [YMHQ19]. Reinforced [JXY+19].

Reinvigorate [TK06]. Related [HEH+10]. Relation [Bai00, ZLW+19]. Relational [TSG03]. Relations [LSPN21].


Remote [DDV+08, LM07b, VSM+09].

Rendered [KEF07]. Rendering [BHC+08, CCSS08, Cho03, CZ07, DLLZ19, DLLZ20, LLY07, NGGS22, QPCJ07].
SRM+07, SGA+22, WYC02]. **Repealed** [Fla17]. **Repetitive** [YMHQ19]. **Replicable** [MB17]. **Report** [Car09b, CSW17, MJM+06, OW01, SSW11]. **Replicators** [AAB+21, ILMK13]. **Repository** [LHN+12]. **Representation** [Biz16, QSEQ+FH20]. **Reproduced** [Su03c]. **Reproducibility** [AISR+21, Bar21a, Cou22, Dav12, Die12, PMP21, SFC07, SMS15]. **Reproducible** [Ano10b, BT17, Bar19, BTK+21, DMR+09, FS10, FC09, Fom15, FS12, Hii15, Hin13c, How12, LeV09, MB17, MB20b, PE09, SKC00, Sto09, SLM12, Sto12, Su03c]. **Reproducing** [BVT+21]. **Research** [ACG+20, Ano10b, BT17, BLMR21, BPW+20, BV+07, CGK+18, CHP+18, Che18, Cho12, Chu21, CHH+13, Dar18, Dav12, DMR+09, Dru06, Dub05a, ERF21, El11, ECK+15, FSED10, FC09, Fom15, Gor08a, GL20, GHKR11, Hii15, Hin13c, How12, HB+20, Hu07, JLNR19, KBE15, KL15, KMB+19, KMB+08, KJ04, LC09, LeV09, LoF22, MOBD+22, McC21, McM09, Mes15, MJM+06, MCE+03, PSR+20, PE09, Peo20, PAN+16a, PNL+16, RBC+19, Rob06, Run05, ST05, SL18, SW10, SYM+21, SP18, SKA+02, Sto09, SLM12, Sto12, Van12, WSZ+10, WPM+12, WG15, WCP17, Wol16, ZFS12]. **Research-Based** [Peo20]. **ResearchCompendia.org** [SMS15]. **Researcher** [Moo21]. **Researchers** [CE18, Ged16a]. **Residual** [DKCL14]. **Resistance** [Pon16]. **Resolution** [DWC+11, Lan02, TAM+14, YCD+21, ZQY+11]. **Resolved** [Smi09a]. **Resolving** [WZZ11]. **Resonance** [But99, Kus06a, MB07]. **Resonances** [Mor15]. **Resource** [FWGB07, HBG+20, NCB+05, TFF05]. **Resource-Aware** [TFF05]. **Resources** [Asr04, DMXR+14, KB04, MHC+18, Mor15, PGF+15, Ano16y]. **RESPECT** [DE17, For16a, WBP+19]. **Response** [AGM+00, Bort02, CW05a, TDB09, WPM+12, ZZS+19]. **Responses** [ZLTX19]. **Responsive** [NG20]. **Restoration** [Pey11c]. **Results** [CW06, DG12, PMP21, Su03c]. **Resume** [Ano19-28, **Retain** [DBB+21]. **Rethinking** [MDW+22]. **Retouching** [To09b]. **Retrieval** [KHE13, Pok04, ZYKG04]. **Retrospective** [McC21, WP22]. **Reusable** [ARAG19, Bar20b, Hin18d, LFK+19]. **Reuse** [Lan19]. **Reveal** [Gor05b, ASM]. **Revealed** [Thi13a]. **Revealing** [XDK+20]. **Review** [BO04, ERF21, Gra07, KS20, Lud13, QLB+19, Sha14, Sny13, Sul05a, Bas14, Kwa17, Mol12, Nai15, Tur14b, Vog13, Wep15]. **reviewed** [TCCC13]. **Reviewer** [Ano15a, Ano16a, Ano18a]. **Reviewers** [Ano05b, Ano09b, Ano10c, Ano11d, Ano12b, Cho06f]. **Reviewing** [Sha14]. **Reviews** [ARA+19, BC02, Bil00, BCC+99, Bur99, CW05c, CW05e, CC99, Cyb01, Fato0, Lov04, McK00, Nob00b, Seg99, Shi99, Shi00a, Shi00c, Shi00d, Shi01a, Shi01b, Shi01c, Shi01d, Shi02b, Shi03f]. **Rights** [Ano15-44]. **Rigid** [NLGNJ13]. **Rigid-Molecule** [NLGNJ13]. **Ring** [AK04]. **Rio** [WSC+04]. **RISC** [TJ14]. **Rise** [DiP18a]. **Risk** [Ano16-40, Hei20, KPA+16, KVP+16, Rao16]. **Risk-Based** [Ano16-40, KPA+16, KVP+16]. **Risks** [Tur16]. **River** [FGR+07]. **Road** [Be109, Ha01a]. **Roadmap** [SWB+19]. **Roadrunner** [HW09]. **Robot** [Day18a, Day18d, OS03]. **Robotic** [DiP18b]. **Robots** [KB07]. **Robust** [GNB+00, LM07a, Ze17]. **Robustness** [YAA+00]. **Rock** [Ano14-44, Ano14-45, Ano14-46, Ano14-47, Ano14-48, Ano15-43, Ano15-40, Ano15-41, Ano15-42, Ano15-38, Ano15-39, Ano16z, Ano16-27, Ano16-38,
Ano16-37, Ano16-39, Ano16-40, Jon19]. 
Rockets [HD00]. Role 
[BSD07, Cra03, Das00, JC02]. Roles 
[Bor02, Hin17c], Roll [OS04]. Rolling 
[KS06, MGFRL+12, ZCC+19]. 
Rolling-Stock [MGFRL+12]. Rotations 
[ZJW08]. Rotorcraft [HWP16, Str10]. 
Rough [ZLW+19]. Round [LQZL19]. 
Roundtable [ZAF+01]. Route 
[GOR06b, Kus06a, MGFRL+12]. Router 
[Rob06]. Router-Level [Rob06]. Routine 
[Ron14]. Routines [Dub00]. Rs [Day11b]. 
Rubber [Bei09c, Haa99]. Ruby [Ong02]. 
Rule [Day11f, Rei21a, Rei21b]. Rulers 
[Mem16]. Rules [DTL+17]. Run [BKS15]. 
Run-Time [BKS15]. Running 
[CJL+18, GL20, RRAB06]. Runtime 
[DMA+21]. Rupture [KMM+11]. 
Rupture-to-Rafters [KMM+11]. 
S [Mol12]. Safari [Ben09]. Sage [Gra08b]. 
SambaNova [EVA+21]. Sampled [HH06]. 
Sampling [ALM19, BS99b, Bez08, RBK02]. 
Samsung [Tou02b]. San [LC09]. Sand 
[Bil00]. SAR [MR13]. SARS 
[FGG+22, XDK+20]. SARS-CoV-2 
[FGG+22, XDK+20]. Satellite 
[BCA+00, HAB17, Lo99]. Satellite-Constellation [Lo99]. Savings 
[SW10]. Say [Bei10e, Got02a, Sul04d]. Says 
[Dub07b]. SC98 [Dau99]. scaffolding 
[Tob05]. Scala [PTML11]. Scala-Based 
[PTML11]. Scalability [BBD+13, YL17]. 
Scalable [BFL+22, BFH21, Bry11, GLS11, 
GARS+20, KSM+17, LNI+19, Lin15, MSS09, 
NKV99, Par16, RSC+14]. ScalaLab 
[PTML11]. Scale 
[ASLK22, Ama00, BBM+15, BP99, CS14, 
CS15, Day14a, DMXR+14, Eis17, Far99, 
GL99, Gob05, HHF+14, HMB+14, JPE20, 
Jon15, KMSH10, LWF10, LCY+04, Ma16, 
MWE08, Rei02, Sah03, SNTL13, Ste99, 
TB11, TWE14, TAM+14, VKN99, VM15, 
Wes21, WNDV21, WPZ00, WHW18]. Scales 
[Gyu99, Kus06a]. Scaling [GS03, Run03]. 
Scarce [RBK02]. SCC [GHKR11]. 
Scenario [AAGH17a, AAGH17b]. 
Scenario-Based [AAGH17a, AAGH17b]. 
Scenarios 
[FGG+22, PQQ20, UGV11, WCHRM21]. 
Scene [ML02]. Scheduling [WQLZ18]. 
Scheme [PLW17]. Scholars 
[Day13a, Slo16]. Scholarship 
[Ano17-31, Ano21-74, Ano17-31]. Scholes 
[Hig04]. School [AAGH17a, AAGH17b, 
GPMSC20, Les16, Sca16]. Schools 
[Rec16, Sul05b]. Schrödinger 
[Moy06, RK05]. SciDB [SBZB13, YBBP15]. 
Science [AM18, Adl20, ABC+14, AHL+11, 
AAGH17a, AAGH17b, APC+19, Ama06, 
AMS14, Ano03, Ano05a, Ano12b, Ano15-37, 
Ano22c, BCE+22, BC02, BT17, Bar19, 
Bar20a, Bar21b, BLMR21, Bar21c, Bei10c, 
BSD07, BHV21, BERT09, Car09a, Car12, 
CE14, Car16, CHC17, CBF+22, CC03, 
Chr15, Chu21, CW20, COS+15, CF13, 
DSPY05, Day06a, Day12a, Day14a, Day18d, 
DADY15, DPG+12, Dui09, DST+09, 
ES008, FKD21, FM13, FGHW20, FL99, 
FM02, Fox02a, FMH99, FWGB07, Gaa03, 
GPL09, GPMSC20, Gor07c, GCV08, Gor13, 
GK18, GHM+16, HP15, Hin18a, Hin15a, 
Hin15b, Hin17c, HG00, HPMJ12, HHR+13, 
HJ18, JRD+13, KE05, KL15, Kax01, KB04, 
KMM+11, KRH+99, LC09, Les16, LM07b, 
MF16, MM12, Mas06, MMFD+17, MK10, 
Mem15, MV20, Mes15, MSM13, MSR15, 
NC18, NCB+05, OW01, PARD13]. Science 
[PA21, PV00, Pos07, Pos09, Ran06, Rec16, 
RRAB06, Ric99, RP20, Run00, RF12, 
SDA20, Sca16, SDD+08, SKNV03, SCW+17, 
Slo16, SMS15, SKL10, SPB+20, Sul03a, 
Sul04a, Tan21, Tes15, Thi02, TB04, Thi13a, 
Thi15c, TX08, THGS07, TP04, Tur14a, 
VGD+11, WHG21, WMB20, WNDV21, 
WCP17, Wil16, Wil18, WL09, WBB+20, 
WC17, YBBP15, YRT+00, Day12e, Peo20, 
RTSS14a, RTSS14b, WDC18].
Science-Based [Pos09]. Sciences
[BBM+21, Eis17, KB09, OW01, Sul09a, TS10, WDC18]. Scientific
[AAB+21, ARAG19, ABC+14, Ale18, Ano15-44, Bai05, Bak21, BHF+08, BKRT21, Bas02, BCH+09, BMC99, BTK+21, BCC+09, Bl02, BBM+15, BC05a, BHC+15, Bry11, CCSS08, CHP+18, CHB19, CJL+18, CHJC05, Cho03, CS11, Day08a, DC04, Di 11, DSK15, DDC04, Dra00, Dub21, DY99, Dub99, Dub00, Dub02, Dub05, Dub12, EVA+21, EVL+17, ERS+03, Esq11, FLV+09, Gob05, GP15, GRE99, GNB+09, HLRW17, HC99, HHZK01b, HHZK01a, Her21, HCK22, Hig04, Hin13a, Hin13b, Hin15a, Hin17b, Hin18e, HXCM05, IKM13, JLN19, JPE20, JPK01, JRD+13, Kar99, KSB07, Kin12, KBLD08, LDAS19, LVWK02, Lan19, LFK+19, LSN20, LSPN21, LPV00, MWE08, MBH14, NGGS22, Oli07, PTML09, PTML11, PSSP15, PG07, PGH11, PF04, Pos13, RV11, RVG+10, RPBE12, RPEB14, RR21, SNCM16, Sch01].
Scientific [SDS00, Sch18, SKC00, SES+11, SL99, SHPL12, Sma12, SDPV21, SSW21, SB00, St09, SLM12, St012, Sza11, TWE14, TAF+18, TFF05, Ter11, TTT15, Thi07, Toh07, TCD+14, VB08, VMSD+09, VMK20, Wan18, WG15, WD06, Wes21, WJLY08, YKD+03, YBD10, Beh05, Wep15, BC05b].
Scientist [Got14b, Men18, Tsa14].
Scientists [Bet17, CHHB13, Cho12, DPBS16, KHS09, KSM11, MMA11, NMCM22, PMK+08, TPL10, Wil06, Wri10]. SciPipe [LDAS19].
Scoiety [Cho06b, Pap16]. Score [O'L14]. Screening [NLGN13]. Scripting [BJ02, Bas02, Hin07, Ong02, PTML09].
SDSS [Tha08a]. Sea [KS06, WM00].
Shaper [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, PHL+18, Van12]. Sharp [LL19]. Shear [NTW07]. Shed [TM15]. Sheets [PFA08]. Ship [KSM+17, KS06]. Ships [Lew99a]. Shock [Ben04, BBW+20, Cyb99a, MSR+16, ST05]. Shock-Accelerated [Ben04]. Shock-Wave [ST05]. Shoes [MMR22]. Short [KILZ13, Pek04]. Short-Term [KILZ13]. Should [Day14f]. Show [Gor06c]. Showcase [BLMR21]. Shrinkage [Tas00]. Shunt [DKCL14]. SIAM [BERT09]. Sichuan [GYF+10]. Side [SG10]. Sides [O’L05f]. Sierra [MSR+16, NdS17]. Signal [APS10, CWOL11, FSED10, Kus06b, Pey11a, Pey11b, Pey11c, Tou01]. Signals [Kwa17]. Signature [JWL14]. Silico [Han03, KFS18]. Silicon [The03, WLCD01]. SimEvents [Gra07]. Similarity [GYJL20, LGJ+19]. Simon [Sny13]. Simphony [PGC21]. Simple [Fox04a, KC19, MAFM21, MMP+22, New00, Nob07, Sul02a]. Simplex [Nas00]. Simplicity [Hin17b, Sul00a]. Simplified [SAC15, SOH13]. Simplify [Shi00d]. Simulate [Day06c, Kul07]. Simulated [Tre99]. Simulating [AGM+00, BCA+00, CPdlF+12, Cre04, DL00, DLM04, EKLY07, FGRS17, HMS+00, KS00, MGCBI17, Par06b, Roh10, SBH+00, UGV11, VWP12, WSC+04, WHW18, ZMM03]. Simulation [ASM+14, AM15, BFH21, BAD+21, BKS15, CDF+04, Cas16, CR15, CVW01, CHC+11, CJTH+13, CSS00, CBS14, CFC04, DLW+19, DAKM16, Die12, DH12, Don03, FGG+22, FMKS08, GW15, GSB+12, Got02b, Gra07, HAB17, HWPS16, HLYQ19, HS12, HT99, Hll15, HPKS04, HXMC05, Ikk16, IBPV03, Jon15, Kad04, KNG10, KBE15, LSDP+04, LWT+13, LMC20, Lui06, LL11, MJAK09, MM04, Mal07b, MW14, McK11, Mil10, MGZ00, MM16, Muz19, NBK+01, NGS22, NW15, Ork09, Par16, PV00, PCY14, PI16, PGC21, Pos04a, Pos04b, Saa09, SA08a, SA08b, SDA+14, SS11, SPJ+14, Str10, SKC05, TB11, TGP13, TLR10, TAM+14, TLO8b, UZC+12, Wa16, WCHR21, WAS+12, WWJH20, WLCD01, Wol16, YZZ04, YZC+13, YMJ14, Yas17b, YWMM04, YYY+19, Zel17, ZJW08, ZCXM99, dKCAY00, Mat05]. Simulation-Based [Mil10]. Simulation-Driven [Cas16]. Simulations [Ad03, AMCH07, Ama00, AM20, AMKL04, BMS99, Boe00, CLZ13, CSS00, CDKF15, CS14, CS15, DLB+07, DJS13, DDC04, EP10, EKCS12, FPRK16, Ged16a, GL99, GWMG04, GC00, Gob05, GPF+12, GH00, HHR02, HL00, HSG03, HFF+14, HT99, HEH+10, Jav12, JRP+17, KM99, KSP12, KS00, KMM+11, KPD+99, LBS14, LUMM14, LL13, LVL14, LNI+19, LCY+04, Ma16, MRU+15, Mal07a, MPR18, MTG+12, MB09, NKKV99, New00, NSLD99, PZJS10, PR01, PMW20, Raf16, Rao16, RSC+14, SBW+19, SS06, Sta03, Ste99, SKL10, TWE14, Tow09, VKN99, YAA+00, YCD+21, YB12, Zhu16, dKCAY00, RF00]. Simulator [LFN+11]. Single [JXY+19, OR12]. Single-Strap [JXY+19]. Singular [Los03]. Singularities [Ano18j, Sin18]. Sinusoids [RTSS14a, RTSS14b]. Slab [YLZ+19]. Slices [QPC07]. Slide [Sul04d]. Sloan [Nei08, Sza99, Tha08b]. Sky [HHF+14, Nei08, Sza99, Tha08b]. SkyQuery [BDS13]. SkyServer [RTSS14a, RTSS14b]. Small [EVL+17, SL18]. Smart
[LMC20, SAK+13], Smarter [Bei12c], Smelly [Dub05a], Smoother [YaL10], Snake [Wit21], Snapshot [HHP19], Snaring [Cho07d], Snippet [Moo21], Sociable [Day13f], Social [Ano18-43, Ano18-44, AM05, CHM+20a, CHM+20a, Day13f, LTD11, PIN6, Pon16, Tan21], Society [Ano14y, Ano17-31, Ano18z, Ano19v, Ano19y, Ano20-51, Ano20-52, Ano20-53, Ano20-50, Ano21-64, Ano21-66, Ano22-28, Ano22-26, Ano22-24, Ano22-34, Ano22-30, Ano22-35, Ano13i, Ano13h, Ano14-29, Ano14-27, Ano14x, Ano14-28, Ano15x, Ano15y, Ano15z, Ano15-27, Ano16t, Ano16q, Ano16r, Ano16z, Ano16y, Ano16m, Ano16a, Ano16-27, Ano16w, Ano16o, Ano16x, Ano16p, Ano16m, Ano16y, Ano17o, Ano17j, Ano17k, Ano17l, Ano17m, Ano17p, Ano17n, Ano18t, Ano18u, Ano18v, Ano18w, Ano18x, Ano18s, Ano18r, Ano18y, Ano19t, Ano19u, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19-29, Ano19-30, Ano20-46, Ano20-38, Ano20-39, Ano20-47, Ano20-40, Ano20-48, Ano20-41, Ano20-49, Ano20-44, Ano20-42, Ano20-43, Ano20-45, Ano21-49], Sociophysics [Sta03], Socket [SG10], Soetaert [Lud13], Soft [Day11d, Zhn02], Soft-Devices [Zhu02], Software [ARAG19, ABC+14, ACG+20, Ano14y, Ano14-49, Ano15b, Ano20-36, Ano21-48, ACF18, BLO+22, Bli02, BBR+15, BKS15, Car09a, Car09b, Car12, CHHB13, CE14, Car16, CHC17, CGK+18, CF99a, CC03, Chr09, CGZ20, CHH+13, Day08c, Don09, Dru20, Dub21, EJ09, Edd09, EWN+13, ERS+03, FLV+09, Fox04b, GEH+99, Gor06b, Gor08c, Gra08b, Gro09, Guo12, HAB17, HLS+16, HHP19, HCK22, Hin13c, Hin15a, Hin15c, Hin19, Hoe10, HBG+20, HPC20, JH18, KC19, KMB+19, KHC+20, KHS09, KSM11, KVP+16, KVP+17, KB09, KSM+17, Kui05, KS20, LFK+19, LSN20, LSN21, Lof22, MMP+22, MBH14, MWC+16, MHD99, MBB+09, MMR22, O’L06a, PSSP15, Peo20, PAN+16b, PK18, PBD+11, PM20, RBC+19, Reb09, STWK15, Shi02b, SAK+13, SZM+13, SHPL12, SSW21, STH22, SGRK+18, TTT15, Tho12, TJCC20, WDC18, WW17], Social [Ano18-43, Ano18-44, AM05, CHM+20a, CHM+20a, Day13f, LTD11, PIN6, Pon16, Tan21], Solar-Powered [Col18], Solar [Wil06, WL09, KNS18, CHH+13, DVR+19, Her21], Solid [dA03], Solar-Gel [dA03], Sol [dA03], Solution [Eis17, GPZ+04, Moy06, O’L06e, O’L07b, STTV05, TS02, WQLZ18], Solution-Adaptive [GPZ+04], Solutions [BT10b, BUR18, JWEK06, Lud13], Solve [DAEJ18, MSL+07, WB03], Solved [Sul10c], Solver [DGK16, RSC+14], Solvers [Ara99, BFL+22, O’L05f, Wei21], Solving [ATRA00, Bar21b, Bet99, CLC03, CAS+07, CG09, DM04,GPC08, JCP14, MHK+06, Naj08, O’L05e, Pes03, RK05, RLRML04a, SH10, SBB+15], Some [KU07, RLRML04b, XBK10], Something [Cho08e, GM06], Sonification [KWT99], Soon [CW05e, Gor08a], Sophisticated [Bas14], Sort [OBB17], Sorting [ALH+20], Soulmate [Day17c], Sound [Az006, KWT99, LPV00], Sound-Wave [LPV00], Source [ABC+14, BCB07, CC03, CBB06, CGZ20, KNS18, LFN+11, MMP+22, Owe01, PGC21, WCHRM21], Space [AAB+13, Ano18], Chrl, GPZ+04, LMPV13, Par12, Sin18, WCHRM21], Space-Based [WCHRM21], Space-Time
[AAB+13, Ano18j, Sin18]. Spaced [LM07a].

Tables [Bez08, MPP14].

Tablet [Day16c].

Tablets [Thi13d].

Tackle [DMXR+14].

Tagged [HMA00].

Tackling [Akl18].


Takes [FGP99, Jon15].

Taking [O’L05c].

Tale [Stei2].

Talk [SACR21, WBP+19].

TAM [DYY+17].

Tangled [Sul02d].

Tank [DDV+08].

Tape [CW05d].

Tapia [BTL19].

Target [HEH+10].

Targeted [SNMC16].

Task [DMA+21].

Task-Based [DMA+21].

Tasks [BBN03, FKSS08].

Taste [MMDT+17].

Taxonomy [GB20].

Teacher [NG20].

Teachers [GPMSC20].

Teaching [AAGH17a, AAGH17b, Bas14, GLH, JHJ01, Kin16, Lew06c].

Pat02].

Team [APC+19, BLO+22].

Teams [HCK22, Lo22, MOBD+22].

Tears [PCBVS19].

Tech [Ano19-31, Ano19-32, WMB20].

Techies [Lew06c].

TechIncite [Ano17-38, Ano17-39].

Technical [DSYP05, Hin15b, PMK+08, Wri10].

Technique [CCSS08, DTA21, Hin20b, LCC+19].

Techniques [FAFX20, Hoe10, KLMS99, LWT+13, Ma16, NSP12, STWK15, Wan18, ZYKG04].

Technologies [Gra08a, SKC02, VP04].

Technology [Ano18z, Ano19y, Ano20-72, BPW+20, BCC+99, Bur99, CC99, For99, Fox02a, Goo17, IKNK13, Ka199, LL18, Nob00b, Sha99, Shi00c, Shi00b, Shi00d, Shi00a, Shi01a, TW17, TMC+13, Tou00, Tou01, YMLJ06, YLZ17].

Tectonics [MGZ00].

Telemetry [BC02].

Telescope [Chr15, Shn06].

Telescopes [HJLH03].

Tell [Sul00b].

Temperature [DCC10, DLW+19].

Temperatures [TR08].

Template [SL99].

Templates [HC99, Kir03].

Temporal [DZW+05, DB21].

TEMS [Ano18z, Ano19y].

Ten [Cho08d, Dub99, RTSS14a, RTSS14b].

Tennessee [Par12].

Tensile [JXY+19].

TeraGrid [DKK05].

TeraHertz [GBPR11].

Term [AISR+21, HS12, KILZ13, RBC+19].

Terms [Nan11, Smi99c].

Terra [Got01].

Terrain [HEH+10].

Terrain-Related [HEH+10].

Terrific [Got01].

Terrorism [Bor02].

Test [AGM+00, NCM+14, NC18, RPBE12, STHR12].

Test-Driven [NCM+14, NC18].

Testing [Clo15, DRR+19, DLLZ20, Dub12, Edd09, Hin15a, HK09, KC19, LS20, PD02, RPBE12, Rus01b, TLG06, WM00].

Teuscher [Lov04].

Texas [PHW+21].

Texascale [CED+21].

Text [Aya07, Aya14, BCG+99, KHE13, KNV03].

Textbook [GL08].

Textbooks [BP10].

Textiles [NG20].

Text [FodLVF+11, NW13].

Texture-Based [FodLVF+11, NW13].

Thank [Ano20-71].

Thanks [Ano05b, Ano09b, Ano10c, Ano11d, Ano15a, Ano16a, Ano18a, Cho06f].

Their [KLS01, Mem16, MMR22, PI16, RLRML04a, ZLW+19].

Them [Wri06].

Thematic [AAB+13].

Theme [Sny13].

Theme-Based [Sny13].

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