

# A Complete Bibliography of Publications in *SoftwareX*

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## Title word cross-reference

1.5 [SAA18]. 2 [KPN<sup>+</sup>18, MASB18, Ozb17].  
3 [IIS18, LCMD<sup>+</sup>18, LMS<sup>+</sup>16, MLTF<sup>+</sup>18,  
Ozb17, Zek17]. 4 [KPN<sup>+</sup>18, Zek17]. *F*  
[JS19]. *l*<sub>1</sub> [YC19]. *l*<sub>2</sub> [YC19].

**-D** [Zek17]. **-signature** [JS19]. **-strategy**  
[IIS18].

**2** [vDPI<sup>+</sup>18]. **2D** [ANA16, AANA19].

**3s** [IIS18].

**7.1** [BO19].

**9** [KZ18]. **90** [Taq16].

**Aboria** [RB17]. **absolute** [MTS<sup>+</sup>18].

**academic** [Kwa19]. **accelerated** [Nev17].  
**accelerators** [RLK18]. **access**  
[MWJ15, VEM<sup>+</sup>18]. **accurate** [NOÖÇ19].  
**accurately** [AAN17]. **acoustic**  
[SWK19, SA17]. **activity** [Has18].  
**Adaptive** [BBJ<sup>+</sup>18]. **advanced** [DM19].  
**Agent** [Giu19, COGP19, ZR19].  
**agent-based** [COGP19, ZR19].  
**aggregation** [VEM<sup>+</sup>18]. **agricultural**  
[VEM<sup>+</sup>18]. **agro** [AMC17].  
**agro-hydrological** [AMC17]. **AI** [Geo17].  
**algorithm** [COG19, KPN<sup>+</sup>18, LHCK18,  
LSMG19, PG18, SEL<sup>+</sup>16, ZNS17].  
**algorithms** [KPTW19, PMMF19, REFB17].  
**alignment** [BCA19, MKB<sup>+</sup>18].  
**alphaBetaLab** [MVBF19]. **Anaerobic**  
[AS18]. **Analyser** [SBCK17]. **Analysis**  
[KSFG18, AM19, AS17, BAEBAS19, DM19,  
HT18, LSMG19, LCMD<sup>+</sup>18, MASB18,  
Ozb17, PRSS19, RLK18, Rub16, RL19, SF16,

SBCK17, SGA<sup>+16</sup>, SRML17, TJS18, WGB16, Web17, LMN18, Alb15, FPBM18, dSBSD17]. **analytic** [NSLD16]. **analytical** [KPN<sup>+18</sup>, MC18]. **analyze** [GMNG<sup>+18</sup>, IIS18, LMB<sup>+19</sup>]. **analyzer** [MTPHH18]. **analyzing** [MK16, PDH16]. **Android** [She19, YLS<sup>+18</sup>]. **ANDURIL** [LMN18]. **angle** [MTPHH18]. **animated** [IAW<sup>+15</sup>]. **Animation** [CVS19]. **annotating** [MP17]. **annotation** [KZ18, TT17]. **anomalies** [MTS<sup>+18</sup>]. **anyFish** [IAW<sup>+15</sup>]. **app** [She19]. **Application** [MASB18, AL16, CBS<sup>+16</sup>, HBS16, YLS<sup>+18</sup>]. **application-oriented** [AL16]. **approach** [AMVB19, KZ18, MDL<sup>+18</sup>, SCPC18]. **approximant** [LF15]. **arches** [STC<sup>+18</sup>]. **architecture** [GWK16]. **area** [VJA<sup>+18</sup>]. **arithmetical** [Rou19]. **Army** [SC17]. **ART\_data\_analyzer** [TLDM19]. **ASAS** [dSBSD17]. **ASKI** [SF16]. **assess** [dISVBLdA<sup>+17</sup>]. **assessing** [SCPC18]. **Assessment** [AS18]. **assessments** [VEM<sup>+18</sup>]. **assisted** [SM19, HKM<sup>+19</sup>]. **ATM** [GMNG<sup>+18</sup>]. **atom** [OT16]. **Atomic** [dSBSD17]. **attenuation** [PDTG17]. **AudExpCreator** [NK18]. **audio** [BCA19, SA17]. **auditory** [NK18]. **Audur** [VJA<sup>+18</sup>]. **AutoCNet** [LRPD18]. **autocorrelation** [Byk19]. **Automated** [EL17, SSSH16]. **automatic** [RMM18, MVBF19]. **Automating** [JS19, TT17, TLDM19]. **aware** [TGS<sup>+19</sup>, VC18]. **aXBRL** [She19].

**BabelFish** [AVB17]. **Badlands** [Sal16]. **balance** [ZNS17]. **balls** [YC19]. **BAM** [DM19]. **Based** [Giu19, AANA19, COGP19, Ek16, GZR<sup>+19</sup>, GMNG<sup>+18</sup>, HOM<sup>+18</sup>, LCMD<sup>+18</sup>, LF15, LSSK16, LYX<sup>+18</sup>, MKB<sup>+18</sup>, Nai17, NMLM18, NK18, PS18a, PS18b, PS18c, PS19a, RB17, SF16, SGA<sup>+16</sup>, SS17, VJA<sup>+18</sup>, VEM<sup>+18</sup>, YKKD19, ZNS17, ZR19, dISVBLdA<sup>+17</sup>]. **Baseliner** [OHO16]. **basin** [Sal16]. **Bath** [WW17]. **Bayesian** [SR17]. **BccFccRaycaster** [LMS<sup>+16</sup>]. **beams** [DM19]. **bed** [GMNG<sup>+18</sup>]. **Bedforms** [GMNG<sup>+18</sup>]. **Bedforms-ATM** [GMNG<sup>+18</sup>]. **behavior** [IAW<sup>+15</sup>, KH19a, WMM18]. **benchmarking** [PMMF19, REFB17]. **benchmarks** [KPN<sup>+18</sup>]. **between** [HTB19, LS16, MP18, Nai17]. **big** [WLP16]. **binary** [vDPI<sup>+18</sup>]. **binomial** [SR17]. **bio** [GSP<sup>+17</sup>]. **bio-economic** [GSP<sup>+17</sup>]. **biogas** [HKC<sup>+18</sup>]. **bioinformatics** [KPSM17]. **Biomedical** [HLW<sup>+16</sup>]. **Blaze** [GWK16]. **Blaze-DEMGPU** [GWK16]. **block** [MASB18]. **block-in-matrix** [MASB18]. **blood** [GMGG19]. **BMIL** [HLW<sup>+16</sup>]. **Board** [Ano15a, Ano15b, Ano16, Ano17, Ano18, Ano19a, Ano19b]. **bodies** [MP18]. **body** [PDTG17]. **body-wave** [PDTG17]. **Boltzmann** [HOM<sup>+18</sup>]. **bond** [BBP<sup>+18</sup>]. **Bragg** [PMM16]. **Braid** [MC18]. **Braided** [MC18]. **branch** [GL15]. **browser** [Nai17]. **browser-based** [Nai17]. **buckling** [Ozb17]. **Buhos** [NMLM18]. **building** [PMMF19].

**C** [GMF18, HVB16, MP18, OT16]. **C#** [MP18]. **C-language** [OT16]. **C37.118.2** [AVB17, BFV18]. **C37.118.2-compliant** [AVB17]. **CAinterprTools** [Alb15]. **calculating** [CBS<sup>+16</sup>]. **calculation** [JS19, PDTG17, WW17]. **calculations** [BBP<sup>+18</sup>, KP19, RRSK18]. **calculator** [KSP19, STC<sup>+18</sup>]. **calibration** [KH19b]. **caloric** [SAA18]. **CAM** [MC18]. **camera** [MLTF<sup>+18</sup>]. **capacity** [Zie19]. **cards** [HMCA15]. **Carlo** [BCA19, KP19, LNS15, NBM<sup>+19</sup>]. **CAS** [Rag17]. **categorical** [MLTF<sup>+18</sup>]. **CCPi** [KPTW19]. **CCPi-Regularisation** [KPTW19]. **cDNA** [KSP19]. **cell** [GMGG19, TGS<sup>+19</sup>]. **CFAR** [NOÖÇ19]. **change** [NR16, SC17]. **changes** [DL16]. **chaotic** [Ben15]. **characteristics** [BO19]. **characterization** [WW17]. **chemistry**

[KP19]. **chess** [RL19]. **ChessY** [RL19]. **chronostratigraphic** [AS17]. **CIM** [GVAO19]. **CIM-2-mod** [GVAO19]. **Circular** [STC<sup>+</sup>18]. **class** [HVB16]. **Classic** [AAN17]. **classical** [MDL<sup>+</sup>18]. **classification** [ÁG19, COG19, YG19]. **climate** [VEM<sup>+</sup>18]. **cloud** [KPSM17]. **clouds** [HTB19]. **cluster** [ÁG19]. **clusters** [LHCK18, vDPI<sup>+</sup>18]. **CNNs** [SH19]. **Co** [TT17, PMMF19]. **Co-regulation** [TT17]. **co-simulation** [PMMF19]. **coda** [PDTG17]. **coda-normalization** [PDTG17]. **CodaNorm** [PDTG17]. **Code** [KSFG18, Byk19, CA18, Ek16, GMF18, HMCA15, KH19a, NSLD16, Rag17, RMM18, SEL<sup>+</sup>16, SS17, TACH17, WMM18, YG19, dSBSD17, RMM18]. **codes** [SF16]. **coding** [KSFG18, TDG19]. **cold** [MTPHH18]. **cold-neutron** [MTPHH18]. **Collaboration** [HTB19]. **collapse** [STC<sup>+</sup>18]. **collecting** [YLS<sup>+</sup>18]. **Communication** [TDG19]. **COMP** [BCD<sup>+</sup>15]. **companion** [SOS19]. **comparison** [SA17]. **compilation** [PI17]. **compiled** [GMF18]. **complex** [AZ17, NBM<sup>+</sup>19]. **compliant** [AVB17, BFV18, Ek16, VBA<sup>+</sup>16]. **composite** [MC18]. **Compound** [dISVBLdA<sup>+</sup>17]. **comprehensive** [BBP<sup>+</sup>18, LSOM18, SR17]. **compression** [SGA<sup>+</sup>16]. **compressively** [SOS19]. **CompSim** [AZ17]. **compuGUT** [ME17]. **computable** [IIS18]. **Computational** [BBD<sup>+</sup>18, dSBSD17, RLK18]. **computations** [SR17, TLDM19]. **compute** [BO19, HLP<sup>+</sup>19, KH19a]. **computed** [KPTW19, PFC<sup>+</sup>18]. **computer** [MTS<sup>+</sup>18, NIY16]. **Computing** [MWJ15, HKM<sup>+</sup>19, MDL<sup>+</sup>18, PS19b, SAA18]. **conduct** [GSP<sup>+</sup>17]. **configuration** [VC18]. **confocal** [DN17]. **ConfocalGN** [DN17]. **conic** [COG19]. **connected** [LHCK18]. **constructivist** [Geo17]. **containerized** [KPSM17]. **contaminant** [FHA17]. **continuation** [NSLD16]. **continuum** [RAS19]. **contour** [HLP<sup>+</sup>19]. **contrast** [TGS<sup>+</sup>19]. **control** [BST<sup>+</sup>17, PMMF19, VJA<sup>+</sup>18]. **conversion** [DBJ19, Nai17]. **convex** [MP18]. **core** [HOM<sup>+</sup>18]. **corpus** [Kwa19]. **correlation** [TACH17]. **correspondence** [LRPD18, Alb15]. **cost** [REFB17]. **costly** [AL16]. **coupled** [PRSS19]. **coupler** [VRG19]. **coverage** [KSP19]. **cp** [Zie19]. **cp-tools** [Zie19]. **crack** [SS17]. **crawling** [KF17]. **creating** [NK18]. **creation** [LCMD<sup>+</sup>18]. **CRISPR** [KSP19]. **crop** [AMC17]. **Cross** [AZ17, Zhu15]. **cross-platform** [Zhu15]. **crystalline** [Zie19]. **CSSIAR** [dISVBLdA<sup>+</sup>17]. **CT** [KPN<sup>+</sup>18]. **CulSim** [Ull16]. **cultural** [Ull16]. **Current** [BBJ<sup>+</sup>18]. **curvature** [DM19]. **curve** [MKB<sup>+</sup>18, PI17]. **curves** [MM16, PDH16]. **cyberGIS** [WLP16]. **cycle** [SEL<sup>+</sup>16].

**D** [KPN<sup>+</sup>18, KPN<sup>+</sup>18, LCMD<sup>+</sup>18, LMS<sup>+</sup>16, MLTF<sup>+</sup>18, MASB18, Ozb17, SAA18, Zek17]. **DASP** [BBJ<sup>+</sup>18]. **data** [AVB17, ÁG19, BFV18, BST<sup>+</sup>17, BAEBAS19, CBS<sup>+</sup>16, DAB<sup>+</sup>19, FSL16, HT18, LMB<sup>+</sup>19, LRPD18, LF15, LMS<sup>+</sup>16, MLTF<sup>+</sup>18, MTPHH18, MMG19, OHO16, PI17, Rub16, SGA<sup>+</sup>16, SH19, WLP16, WGB16, Web17, YLS<sup>+</sup>18, TT17]. **database** [AMVB19, TT17]. **dataset** [PMP16]. **deal.II** [SGBH18]. **deal2lkit** [SGBH18]. **Decisions** [LMN18]. **Deconvolution** [YC19]. **Decremental** [LHCK18]. **deep** [MP17]. **deep-sea** [MP17]. **deformable** [HGS17]. **DEIP** [Tru18]. **delivery** [KPSM17]. **DEMGPU** [GWK16]. **densitometric** [PFC<sup>+</sup>18]. **density** [LSOM18, LF15, SBCK17, SLWS<sup>+</sup>17]. **density-functional** [SLWS<sup>+</sup>17]. **Design** [BMR17, AL16, DBJ19, EL17]. **designing** [NK18]. **detailed** [SEL<sup>+</sup>16]. **detection** [NOÖÇ19]. **detector** [PS18a, PS18b, PS18c, PS19a].

**detector-output** [PS18a, PS18b, PS18c, PS19a]. **detectors** [NIY16]. **determining** [AAN17]. **development** [Bjö19, Ek16]. **developments** [LSOM18]. **Diary** [RMM18]. **dielectric** [MPAK19]. **diffraction** [Nev17]. **diffractive** [DBJ19]. **Digestion** [AS18]. **digital** [TACH17]. **dimensional** [MP18, PFC<sup>+</sup>18, RRS18, ZNS17]. **dimensionality** [GMNG<sup>+</sup>18]. **discontinuous** [SWK19, Tru18]. **Discrete** [HGS17, LS16]. **dissipation** [OHO16]. **distance** [MP18]. **distances** [LS16]. **distributed** [HT18, MWJ15]. **distribution** [Byk19, EL17, LS16]. **Distributions** [BO19]. **diversity** [Ull16]. **DLTPulseGenerator** [PS18a, PS18b, PS18c, PS19a]. **DNA** [KSFG18]. **document** [IIS18]. **documentation** [RMM18]. **documents** [She19]. **Domain** [MT19, BCR<sup>+</sup>18, VRBM16]. **dotCall64** [GMF18]. **Downloader** [PMP16]. **downloading** [PMP16]. **driven** [NR16]. **due** [PRSS19]. **Duenna** [HBS16]. **Durham** [BBJ<sup>+</sup>18]. **dynamic** [AS17, CA18, GZR<sup>+</sup>19, LHCK18, SAA18]. **dynamics** [AMC17, Ben15, IIS18, OT16, Sal16, VRG19].

**earthquake** [AANA19, ÁG19]. **easy** [CA18, PMP16]. **easy-to-use** [CA18]. **Eclipse** [BBD<sup>+</sup>18]. **Economic** [AS18, GSP<sup>+</sup>17]. **Economies** [Giu19]. **Ecopath** [SSSH16, SCPC18]. **Ecosampler** [SCPC18]. **Ecosim** [SSSH16, SCPC18]. **Eddylicious** [ML18]. **Editorial** [SWK15, Ano15a, Ano15b, Ano16, Ano17, Ano18, Ano19a, Ano19b]. **education** [WLP16]. **effect** [WW17]. **effects** [SAA18]. **Efficient** [BO19, GMF18, SL18]. **EKF** [PG18]. **EKF-AUS-NL** [PG18]. **elasticity** [SBL19]. **Electrical** [LYX<sup>+</sup>18]. **electroglottogram** [TJS18]. **electromagnetics** [VRG19]. **electron** [SBCK17]. **electronic** [RRSK18]. **element** [HGS17, PMM16, Tru18, ZMS18]. **elements** [DBJ19]. **Elmer** [VRG19]. **embedded** [OT16]. **emergence** [Ull16]. **emphasis** [VEM<sup>+</sup>18]. **empirical** [BBP<sup>+</sup>18]. **enabled** [TGS<sup>+</sup>19]. **Enabling** [PFC<sup>+</sup>18]. **endemism** [GL15]. **energy** [BBP<sup>+</sup>18, MTPHH18, ZNS17]. **Engine** [HKM<sup>+</sup>19, GVAO19]. **engineering** [AANA19]. **environment** [LMB<sup>+</sup>19, BBD<sup>+</sup>18]. **environmental** [HLP<sup>+</sup>19]. **environments** [Cha17, KPSM17]. **EOF** [VRG19]. **EOF-Library** [VRG19]. **equation** [SWK19]. **equations** [KPOD16, SL18]. **equilibria** [NBM<sup>+</sup>19]. **equilibrium** [SP19]. **era** [WLP16]. **eRDF** [SBCK17]. **Ergo** [RRSK18]. **error** [PG18]. **estimating** [KSP19]. **estimation** [MVBF19, VBA<sup>+</sup>16, BL16]. **ETCAL** [KH19b]. **evaluating** [FHA17]. **evaluation** [CGS19, GSP<sup>+</sup>17, MPAK19]. **event** [LSSK16]. **event-based** [LSSK16]. **events** [LS16]. **EvoDyn** [IIS18]. **EvoDyn-3s** [IIS18]. **evolution** [TLDM19]. **evolutionary** [IIS18]. **Evoplex** [COGP19]. **excitations** [Taq16]. **experiment** [BST<sup>+</sup>17, WGB16, Web17]. **experimental** [HBS16]. **experiments** [NK18]. **expert** [LMN18]. **explicit** [ZR19]. **explore** [KSFG18]. **exponential** [Byk19]. **extendable** [KH19b]. **extending** [IA17]. **Extensible** [Giu19, KPOD16, BFV18, VBA<sup>+</sup>16]. **extents** [GL15]. **external** [SF16]. **externalities** [PS19b]. **extraction** [BO19, PRSS19, YG19]. **extremes** [HLP<sup>+</sup>19]. **ExWave** [SWK19]. **eye** [KH19b].

**FacetModeller** [LCMD<sup>+</sup>18]. **factors** [CBS<sup>+</sup>16]. **FAIMS** [BSRSC18]. **falling** [RRS18]. **fascicles** [KH19a]. **Fast** [NOÖÇ19, SM19, Rag17]. **FBG-SiMul** [PMM16]. **fcc** [OT16]. **FD** [MT19]. **featsel**

[REFB17]. **Feature** [YG19, Cha17, REFB17]. **feature-rich** [Cha17]. **features** [SA17]. **federations** [HTB19]. **FEFLOW** [PRSS19]. **FEM** [VRG19]. **FEniCS** [RAS19]. **fermentation** [ME17]. **Fibre** [PMM16]. **Field** [CVS19, BSRSC18, BHCT16]. **File** [SS19]. **files** [DBJ19, SC17, VC18]. **films** [RRS18]. **filtered** [YC19]. **finite** [PMM16, Tru18, ZMS18]. **fish** [IAW<sup>+</sup>15]. **fisheries** [GSP<sup>+</sup>17]. **fit** [MM16]. **Fitting** [SSSH16, DLH18]. **Fixed** [MT19, LS16]. **fixedTimeEvents** [LS16]. **FLBEIA** [GSP<sup>+</sup>17]. **Flexible** [BSRSC18, SAA18]. **flow** [NR16]. **Fluid** [HOM<sup>+</sup>18, VRG19]. **Fluid-Structure** [HOM<sup>+</sup>18]. **fluids** [NBM<sup>+</sup>19]. **flux** [OHO16]. **FMC** [ÁG19]. **FMC-Earthquake** [ÁG19]. **FMI** [VBA<sup>+</sup>16]. **focal** [ÁG19]. **FonaDyn** [TJS18]. **forbidden** [VV19]. **forest** [ZR19]. **ForestSim** [ZR19]. **form** [GZR<sup>+</sup>19]. **form-based** [GZR<sup>+</sup>19]. **forms** [GMNG<sup>+</sup>18]. **Fortran** [GMF18, Nai17, Taq16]. **forward** [SF16]. **Fourier** [MT19, YC19]. **framework** [AMVB19, BCD<sup>+</sup>15, BK19, Cha17, DAB<sup>+</sup>19, GQCP<sup>+</sup>18, GWK16, HT18, LSMG19, LYX<sup>+</sup>18, NR16, REFB17, SAA18, ZMS18]. **fraudulent** [She19]. **free** [BBP<sup>+</sup>18, Rub16, TGS<sup>+</sup>19]. **Frequency** [BO19, BAEBAS19, MT19, Ozb17, SOS19]. **full** [SF16, ZNS17]. **Fully** [PRSS19]. **function** [Byk19, SBCK17, Zek17]. **functional** [LSOM18, SLWS<sup>+</sup>17]. **functionals** [LSOM18]. **functions** [COG19, REFB17]. **future** [VEM<sup>+</sup>18].

**GABRIELE** [Giu19]. **Galerkin** [SWK19]. **galkin** [PI17]. **Game** [HKM<sup>+</sup>19]. **Game-Engine-Assisted** [HKM<sup>+</sup>19]. **games** [IIS18]. **GDOESII** [DBJ19]. **GDSII** [DBJ19]. **GEARS** [HKM<sup>+</sup>19]. **gene** [TT17]. **general** [CGS19, Cer19, Giu19]. **general-purpose** [Cer19]. **generate** [IAW<sup>+</sup>15, KPN<sup>+</sup>18]. **generation** [AS17, Byk19, CA18, GZR<sup>+</sup>19, ML18, PS19b, Rag17, RL19, Tru18]. **generator** [DN17, Ek16]. **genetic** [KSFG18, KSFG18]. **genomic** [GQCP<sup>+</sup>18]. **geometrical** [AZ17]. **georeferenced** [GL15]. **geosciences** [Zek17]. **geospatial** [LMB<sup>+</sup>19, WLP16]. **Git** [SS19]. **given** [Byk19]. **glass** [WMM18]. **Glauber** [LNS15]. **global** [Ozb17]. **glow** [PDH16]. **glycoprotein** [KZ18]. **GOMC** [NBM<sup>+</sup>19]. **GPS** [YLS<sup>+</sup>18]. **GPU** [GWK16, NBM<sup>+</sup>19, Nev17, NSLD16]. **GPU-accelerated** [Nev17]. **Grace** [Zhu15]. **graphical** [ANA16, MTS<sup>+</sup>18, MM16]. **graphics** [HMCA15, Zhu15]. **graphs** [DL16, RL19]. **grating** [PMM16]. **gravity** [MTS<sup>+</sup>18]. **grid** [BFV18]. **GROMACS** [AMS<sup>+</sup>15]. **groundwater** [FHA17, PRSS19]. **Gsolve** [MTS<sup>+</sup>18]. **GUI** [AANA19, GZR<sup>+</sup>19, NK18, SBCK17]. **GUI-based** [NK18]. **GURU** [MM16].

**Han** [MM16]. **handle** [VC18]. **hardware** [MDL<sup>+</sup>18]. **Harvester** [TT17]. **heat** [SAA18, Zie19]. **Heatrapy** [SAA18]. **help** [Alb15]. **Hermes** [KPSM17]. **heterogeneous** [MWJ15]. **HexagDLy** [SH19]. **hexagonally** [SH19]. **hierarchies** [GMNG<sup>+</sup>18]. **High** [AMS<sup>+</sup>15, DTD17, GQCP<sup>+</sup>18, GWK16, KH19a, SGBH18, SWK19]. **High-level** [DTD17]. **high-throughput** [GQCP<sup>+</sup>18]. **Hilbert** [JS19]. **hole** [Taq16]. **homogeneous** [MASB18]. **HTC** [KPSM17]. **HTML** [Nai17]. **hybrid** [KPSM17]. **hydraulic** [EL17]. **hydro** [PRSS19]. **hydro-mechanical** [PRSS19]. **hYdrological** [AMC17]. **HYDROSCAPE** [FHA17].

**iamxt** [SRML17]. **IASM** [Has18]. **ICF** [COG19]. **IDARC** [ANA16, AANA19]. **IDARC-2D** [ANA16, AANA19]. **IdentiCyte** [GMGG19]. **identification** [GMGG19, LRPD18]. **IEEE**

[AVB17, BFV18]. **image** [DN17, KPN<sup>+</sup>18, KPTW19, LRPD18, SRML17, SS17]. **images** [NOÖÇ19]. **Imaging** [BHCT16, AAN17, SBL19]. **Impedance** [LYX<sup>+</sup>18]. **Implementation** [MT19, VJA<sup>+</sup>18]. **Implemented** [Giu19, PG18]. **implementing** [RNR17]. **Improved** [LNS15]. **independent** [MDL<sup>+</sup>18]. **Individualized** [Has18]. **Indonesian** [Kwa19]. **industrial** [ZR19]. **inference** [SR17]. **inflow** [ML18]. **Informatics** [HLW<sup>+</sup>16]. **Infrastructure** [MWJ15]. **inhomogeneous** [AZ17]. **input** [AL16]. **insertion** [Tru18]. **INSPECT** [ANA16, AANA19]. **INSPECT-PBEE** [AANA19]. **Instance** [BCR<sup>+</sup>18, TGS<sup>+</sup>19, She19]. **Instance-aware** [TGS<sup>+</sup>19]. **integral** [SF16]. **Integrated** [BBD<sup>+</sup>18]. **Interaction** [HOM<sup>+</sup>18, DL16, YLS<sup>+</sup>18]. **interactive** [AS17, Cha17, DAB<sup>+</sup>19, FSL16, MM16, OHO16, SBCK17]. **interface** [ANA16, DLH18, GdCF16, GMF18, MP17, MTS<sup>+</sup>18, MM16]. **interfaces** [Ek16, GZR<sup>+</sup>19]. **interfacial** [Tru18]. **interoperable** [BCD<sup>+</sup>15]. **interpreting** [Alb15]. **interThermalPhaseChangeFoam** [NR16]. **interval** [MKB<sup>+</sup>18]. **interval-based** [MKB<sup>+</sup>18]. **intestinal** [ME17]. **inversion** [SF16]. **invocation** [CA18]. **involving** [SAA18]. **iPSL** [BCR<sup>+</sup>18, VRBM16]. **IRRigation** [AMC17]. **isotope** [WW17]. **Isotopes** [dlSVBLdA<sup>+</sup>17]. **iTesla** [BCR<sup>+</sup>18, VRBM16].

**JDFTx** [SLWS<sup>+</sup>17]. **joint** [SLWS<sup>+</sup>17]. **Json** [GZR<sup>+</sup>19]. **Json-GUI** [GZR<sup>+</sup>19]. **judgments** [LMN18]. **Julia** [Rou19].

**Kinematic** [STC<sup>+</sup>18]. **kit** [Bjö19]. **KLFromRecordingDays** [SA17]. **knife** [SC17]. **knobs** [DTD17]. **Kunz** [JS19].

**Lab** [HLW<sup>+</sup>16]. **Laboratory** [Giu19, PFC<sup>+</sup>18]. **land** [PRSS19]. **landscape** [DL16, Sal16]. **language** [HBS16, Kwa19, MDL<sup>+</sup>18, OT16]. **laptops** [AMS<sup>+</sup>15]. **Large** [PMP16, AMVB19, COG19]. **large-scale** [AMVB19]. **Lattice** [HOM<sup>+</sup>18]. **Lattice-Boltzmann** [HOM<sup>+</sup>18]. **LatticeLibrary** [LMS<sup>+</sup>16]. **lattices** [LMS<sup>+</sup>16]. **layer** [MWJ15]. **Learning** [LMN18, TGS<sup>+</sup>19]. **least** [AL16]. **least-costly** [AL16]. **level** [AMS<sup>+</sup>15, DTD17]. **libraries** [KSP19]. **Library** [BCR<sup>+</sup>18, VRBM16, VRG19, AM19, BFV18, CA18, FSL16, IA17, KH19b, LRPD18, LSOM18, MK16, PS18a, PS18b, PS18c, PS19a, SGBH18, ZMS18, Zie19, BCR<sup>+</sup>18]. **libVersioningCompiler** [CA18]. **libxc** [LSOM18]. **lifetime** [PS18a, PS18b, PS18c, PS19a]. **Light** [BHCT16]. **Light-Field** [BHCT16]. **line** [YG19]. **linear** [PG18, RLK18, RRSK18]. **linear-scaling** [RRSK18]. **liquid** [RRS18, SP19]. **liquids** [vDPI<sup>+</sup>18]. **literature** [NMLM18]. **lithography** [DBJ19]. **Little** [Geo17]. **load** [STC<sup>+</sup>18]. **local** [TACH17]. **long** [GMF18]. **LUMA** [HOM<sup>+</sup>18]. **lying** [MLTF<sup>+</sup>18]. **Lyo** [Ek16].

**machine** [TGS<sup>+</sup>19]. **made** [PMP16]. **Making** [vDPI<sup>+</sup>18]. **MALTA** [KSP19]. **Mammut** [DTD17]. **manage** [LMB<sup>+</sup>19]. **management** [AMC17, ÁG19, DTD17, GSP<sup>+</sup>17, NMLM18, Rub16]. **manipulation** [LCMD<sup>+</sup>18]. **manual** [LCMD<sup>+</sup>18]. **many** [HOM<sup>+</sup>18]. **many-core** [HOM<sup>+</sup>18]. **Mapping** [GL15, GVAO19]. **MapX** [LMB<sup>+</sup>19]. **mask** [DBJ19]. **MaskDensity14** [LF15]. **Mass** [PMP16]. **materials** [DM19, MASB18, TLDM19]. **Mathematica** [Byk19, IIS18, Ozb17, RL19]. **MATLAB** [BAEBAS19, LMN18, SBL19, Zek17, BO19, MP18, NK18]. **matrix** [MASB18]. **Max** [SRML17]. **Max-tree**

[SRML17]. **MC** [Cer19, DM19]. **MC-BAM** [DM19]. **measurement** [HKC<sup>+</sup>18]. **measurements** [MTS<sup>+</sup>18, PFC<sup>+</sup>18]. **measures** [AMVB19]. **mechanical** [KH19a, PRSS19]. **mechanics** [Bjö19, RAS19]. **mechanisms** [ÁG19]. **media** [MPAK19]. **mediation** [AVB17, BFV18]. **medical** [RLK18]. **memory** [IA17]. **MergeBathy** [ZHP<sup>+</sup>18]. **Mesh** [Tru18]. **meshless** [RB17]. **metagraphs** [RNR17]. **methane** [HKC<sup>+</sup>18]. **Method** [HOM<sup>+</sup>18, HLP<sup>+</sup>19, NSLD16, OT16, PMM16, PPRE17, PDTG17]. **methods** [BO19, RB17]. **MGtoolkit** [RNR17]. **MICA** [MKB<sup>+</sup>18]. **micro** [PFC<sup>+</sup>18]. **micro-computed** [PFC<sup>+</sup>18]. **MicroFract** [SS17]. **micromagnetic** [Zhu15]. **microscopy** [Rub16, TGS<sup>+</sup>19]. **microstructural** [SS17]. **Microstructure** [FPBM18]. **MIDAS** [HT18]. **middleware** [YDMC15]. **Milky** [PI17]. **Minimalist** [AMC17]. **minimalistic** [DN17, Rag17]. **mixture** [BL16]. **mixtures** [vDPI<sup>+</sup>18]. **Mobile** [BSRSC18]. **MobiQ** [YLS<sup>+</sup>18]. **mod** [GVAO19]. **model** [AMC17, Ek16, GSP<sup>+</sup>17, GVAO19, MC18, MM16, PG18, Sal16, ZNS17, HGWM18]. **model-2-model** [GVAO19]. **model-based** [Ek16]. **modeler** [Has18]. **Modelica** [BCR<sup>+</sup>18, GVAO19, VRBM16, VBA<sup>+</sup>16]. **modeling** [AZ17, BK19, COGP19, HGS17, SP19, Tru18, WMM18, ZR19]. **modelling** [MVBF19]. **models** [HVB16, IAW<sup>+</sup>15, LCMD<sup>+</sup>18, PMM16, SSSH16, VBA<sup>+</sup>16]. **modern** [HMCA15]. **Modular** [GWK16, BFV18, BST<sup>+</sup>17, SF16, VBA<sup>+</sup>16, YLS<sup>+</sup>18]. **module** [GZR<sup>+</sup>19]. **moisture** [AMC17]. **molecular** [AMS<sup>+</sup>15, DFC18, FC17, OT16, SGA<sup>+</sup>16]. **Moment** [DM19]. **Moment-curvature** [DM19]. **monitor** [MLTF<sup>+</sup>18]. **monitoring** [MLTF<sup>+</sup>18, YKC<sup>+</sup>19]. **Monte** [BCA19, LNS15, NBM<sup>+</sup>19, KP19]. **MOOSE2** [AL16]. **MPSLIB** [HVB16]. **Mr.CAS** [Rag17]. **multi** [AMS<sup>+</sup>15, LRPD18, MTPHH18]. **multi-image** [LRPD18]. **multi-level** [AMS<sup>+</sup>15]. **multichannel** [BAEBAS19]. **MultiFLEXX** [MTPHH18]. **multiflexlib** [MTPHH18]. **multigrid** [ZNS17]. **Multiple** [BL16, MKB<sup>+</sup>18, BCA19, CA18, HVB16]. **multiple-point** [HVB16]. **multiplicity** [JS19]. **multiplied** [LF15]. **Multiresolution** [BCA19]. **Multisensor** [BAEBAS19]. **multivariate** [HLP<sup>+</sup>19]. **mutually** [LHCK18]. **MY** [AMC17].

**NAMELIST** [Nai17]. **Nanoindentation** [CGS19]. **nanoparticles** [Nev17]. **natural** [GMNG<sup>+</sup>18, LMB<sup>+</sup>19]. **Navier** [Wil17]. **NCBI** [PMP16]. **NDECOAX** [MPAK19]. **neat** [vDPI<sup>+</sup>18]. **NetCDF** [ZNS17]. **network** [YKC<sup>+</sup>19]. **networks** [COGP19, EL17]. **NeuroSpeech** [OAVCVB<sup>+</sup>19]. **NeuTomPy** [MMG19]. **neutron** [MTPHH18]. **Niget** [CGS19]. **NL** [PG18]. **noise** [LF15]. **noisy** [Ben15]. **non** [BAEBAS19, ZR19]. **non-industrial** [ZR19]. **non-stationary** [BAEBAS19]. **nondestructive** [MPAK19]. **nonstationary** [SOS19]. **normalization** [PDTG17]. **novel** [KSFG18]. **nuclei** [Taq16]. **number** [BL16]. **numerical** [Byk19]. **NURBS** [BK19]. **NURBS-Python** [BK19].

**object** [AM19, BK19]. **object-oriented** [AM19, BK19]. **objective** [AMVB19, SA17]. **Obstacl** [MVBF19]. **OCCI** [GdCF16]. **ocean** [MVBF19]. **Ocelet** [DL16]. **online** [HT18]. **ooi** [GdCF16]. **Open** [BCR<sup>+</sup>18, DAB<sup>+</sup>19, HT18, VRG19, WLP16, BSRSC18, BK19, Cer19, CBS<sup>+</sup>16, GMNG<sup>+</sup>18, IAW<sup>+</sup>15, KH19a, LMB<sup>+</sup>19, MP17, OHO16, Rub16, RRSK18, WGB16, Web17]. **Open-Instance** [BCR<sup>+</sup>18]. **Open-source** [HT18, VRG19, BSRSC18, BK19, Cer19, CBS<sup>+</sup>16, IAW<sup>+</sup>15, MP17, OHO16, Rub16, RRSK18, WGB16, Web17]. **OpenFOAM**

[VRG19]. **OpenGJK** [MP18]. **OpenIPSL** [BCR<sup>+</sup>18]. **Openpipelineflow** [Wil17]. **OpenQSEI** [SBL19]. **OpenSe** [ZMS18]. **OpenSeesPy** [ZMS18]. **OpenStack** [GdCF16, HTB19]. **Opportunistic** [TDG19]. **Opti** [BBJ<sup>+</sup>18]. **optical** [AAN17, DBJ19]. **optimal** [LMS<sup>+</sup>16, PPRE17]. **Optimel** [PPRE17]. **Optimized** [NBM<sup>+</sup>19]. **oriented** [AM19, AL16, BK19]. **OSLC** [Ek16]. **OSLC-compliant** [Ek16]. **OSM** [AAN17]. **OSM-Classic** [AAN17]. **outcrops** [AS17]. **output** [PS18a, PS18b, PS18c, PS19a]. **ov** [LSMG19]. **ov-SSA** [LSMG19]. **Overlap** [LSMG19]. **Overlap-SSA** [LSMG19]. **owner** [ZR19].

**package** [ANA16, Alb15, BO19, BAEBAS19, DFC18, FC17, GMF18, KPN<sup>+</sup>18, KF17, LS16, LF15, MPAK19, MTPHH18, MMG19, ML18, OT16, PDH16, PDTG17, RNR17, RAS19, SBL19, SR17, VC18, VV19]. **PADC** [NIY16]. **PaleoGeomorphology** [HGWM18]. **PAPARA** [MP17]. **paraffinic** [SP19]. **parallel** [KF17, Sal16]. **parallelism** [AMS<sup>+</sup>15]. **parallelized** [TLDM19]. **parameter** [SCPC18, VBA<sup>+</sup>16]. **parametric** [PG18]. **parser** [RMM18]. **Particle** [RB17, Taq16]. **Particle-based** [RB17]. **particles** [HGS17]. **path** [SS17, VV19]. **paths** [VV19]. **patterns** [Nev17]. **PBEE** [AANA19]. **PCA** [SGA<sup>+</sup>16]. **PCA-based** [SGA<sup>+</sup>16]. **Peacemaker** [vDPI<sup>+</sup>18]. **PECT** [PS19b]. **performance** [AMS<sup>+</sup>15, AANA19, GWK16, KH19a, SGBH18, SWK19]. **performance-based** [AANA19]. **phantoms** [KPN<sup>+</sup>18]. **phase** [DBJ19, NR16, NBM<sup>+</sup>19, TGS<sup>+</sup>19, YC19]. **phasor** [BCR<sup>+</sup>18, VRBM16]. **PHOBOS** [LNS15]. **photographic** [YLS<sup>+</sup>18]. **photographs** [MP17]. **phylogenetic** [GL15]. **physical** [IA17, NBM<sup>+</sup>19]. **PiCO** [FSL16]. **PII** [Web17]. **planetary** [LRPD18]. **planning** [WGB16, Web17]. **Platform** [BBJ<sup>+</sup>18, BO19, COGP19, HKM<sup>+</sup>19, IAW<sup>+</sup>15, Kwa19, LMB<sup>+</sup>19, ME17, PMMF19, VJA<sup>+</sup>18, Zhu15]. **Playing** [Geo17]. **plotting** [Cer19]. **PlotXY** [Cer19]. **Plug** [PRSS19]. **Plug-in** [PRSS19]. **point** [HVB16]. **policies** [ZR19]. **Porous** [FPBM18]. **position** [MLTF<sup>+</sup>18]. **positional** [RL19]. **post** [Cer19]. **post-processing** [Cer19]. **Power** [BCR<sup>+</sup>18, VRBM16, PS19b, VJA<sup>+</sup>18, YG19]. **PPRPA** [Taq16]. **practical** [Ben15]. **Practically** [Rou19]. **predicting** [Zie19]. **prediction** [HKC<sup>+</sup>18, SS17]. **predictors** [SM19]. **presence** [PG18]. **pressurized** [EL17]. **probability** [HLW<sup>+</sup>16]. **probe** [Rub16]. **probes** [OHO16]. **problem** [VV19]. **Procedure** [SSSH16]. **process** [Byk19]. **processes** [DL16, SAA18].

**Processing** [BAEBAS19, SH19, BST<sup>+</sup>17, Cer19, LMS<sup>+</sup>16, MMG19, OHO16, SOS19, SRML17, Zhu15]. **production** [HKC<sup>+</sup>18]. **program** [AS17, FSL16, FHA17, MTS<sup>+</sup>18, NIY16, RRSK18, Taq16, Tru18]. **programming** [BCD<sup>+</sup>15, SGBH18]. **projections** [VEM<sup>+</sup>18]. **properties** [KSFG18, NBM<sup>+</sup>19]. **proportion** [SR17, SR17]. **Proscene** [Cha17]. **protocols** [RLK18]. **proton** [NIY16]. **prototyping** [Rag17]. **providing** [GMF18]. **proximal** [KPTW19]. **Psychophysi** [NK18]. **publication** [RMM18]. **pulses** [PS18a, PS18b, PS18c, PS19a]. **PuMA** [FPBM18]. **pure** [Rag17]. **purpose** [Cer19]. **pyBIMstab** [MASB18]. **pyEIT** [LYX<sup>+</sup>18]. **PyGran** [AM19]. **pyPcazip** [SGA<sup>+</sup>16]. **pysimm** [DFC18, FC17]. **PySpike** [MK16]. **Python** [BK19, DFC18, LYX<sup>+</sup>18, BST<sup>+</sup>17, BK19, FC17, GQCP<sup>+</sup>18, LRPD18, MTS<sup>+</sup>18, MTPHH18, MMG19, ML18, MK16, RNR17, SAA18, VC18, WMM18, YKKD19, ZMS18, Zie19]. **PyTOPS** [YKKD19]. **PyTorch** [SH19].



**Q6** [BBP<sup>+</sup>18]. **QALMA** [RLK18]. **QCOBJ** [VC18]. **QL** [FSL16]. **QMC** [KP19]. **QMC-SW** [KP19]. **quality** [AMVB19, RLK18]. **quantity** [VC18]. **quantity-aware** [VC18]. **quantum** [Bjö19, KP19, MDL<sup>+</sup>18]. **quasi** [SBL19]. **Qudi** [BST<sup>+</sup>17]. **queries** [FSL16, MP18].

**R** [Alb15, GMF18, GL15, KF17, LS16, LF15, PDH16, SR17, VV19]. **radar** [NOÖÇ19]. **radiation** [RLK18]. **Rambrain** [IA17]. **random** [Byk19]. **range** [TJS18]. **RaPid** [VBA<sup>+</sup>16]. **ray** [PFC<sup>+</sup>18]. **RCrawler** [KF17]. **real** [AVB17, TJS18, YKC<sup>+</sup>19, YDMC15]. **real-time** [AVB17, TJS18, YKC<sup>+</sup>19, YDMC15]. **Reality** [HKM<sup>+</sup>19]. **recognition** [YG19]. **reconstruction** [KPN<sup>+</sup>18, KPTW19, MMG19]. **recorded** [BL16]. **recorder** [LSSK16]. **recording** [SA17]. **red** [GMGG19]. **redistribution** [dISVBLdA<sup>+</sup>17]. **reduced** [SBCK17]. **reduction** [MTPHH18]. **reflectivity** [DLH18]. **Regularisation** [KPTW19]. **regulation** [TT17]. **related** [BBP<sup>+</sup>18, BO19, PS19b]. **relative** [MTS<sup>+</sup>18]. **relaxation** [WMM18]. **RelaxPy** [WMM18]. **Relays** [TDG19]. **Reliable** [MP18]. **rendering** [HMCA15]. **Repast** [Giu19]. **repeated** [YLS<sup>+</sup>18]. **RepoFS** [SS19]. **repositories** [SS19]. **repository** [DAB<sup>+</sup>19]. **Reproducible** [AMVB19]. **Research** [HKM<sup>+</sup>19, AMVB19, BSRSC18, HKC<sup>+</sup>18, WLP16]. **resilience** [Ull16]. **resources** [LMB<sup>+</sup>19]. **results** [Alb15]. **review** [NMLM18]. **Rewriting** [HMCA15]. **rheometer** [MM16]. **rich** [Cha17]. **RmSAT** [NOÖÇ19]. **RmSAT-CFAR** [NOÖÇ19]. **robot** [Geo17, YDMC15]. **rotation** [PI17]. **rsppfp** [VV19]. **rubber** [MM16]. **Ruby** [Rag17]. **runtime** [FSL16].

**S2352711016300152** [Web17]. **SADEAT** [AS18]. **SAGA** [MWJ15]. **SAML** [HTB19]. **sampled** [SH19]. **samplers** [BCA19]. **sampling** [LMS<sup>+</sup>16, NSLD16]. **sap** [OHO16]. **SAS** [RMM18]. **Scalable** [HGWM18, TDG19]. **Scale** [BO19, AMVB19, COG19, GMNG<sup>+</sup>18]. **scale-based** [GMNG<sup>+</sup>18]. **scaling** [RRSK18]. **scanning** [Rub16]. **scattering** [SF16]. **scattering-integral-based** [SF16]. **scene** [YG19]. **Scientific** [HKM<sup>+</sup>19, DAB<sup>+</sup>19]. **scoring** [MLTF<sup>+</sup>18]. **scraping** [KF17]. **sea** [MP17]. **Seamless** [KPSM17]. **Search** [She19]. **sectional** [AZ17]. **sections** [AS17]. **SEG** [SC17]. **SEG-Y** [SC17]. **Segy** [SC17]. **Segy-change** [SC17]. **seismic** [AS17, SF16]. **selecting** [PPRE17]. **selection** [REFB17, YG19]. **sensed** [SOS19]. **sensitivity** [SF16]. **sensors** [DTD17]. **Sequence** [PMP16, AS17]. **sequences** [BCA19, KSFG18]. **sequential** [HVB16, BCA19]. **series** [SM19]. **share** [IAW<sup>+</sup>15]. **Shk** [KZ18]. **Shk-9** [KZ18]. **Short** [MT19]. **Short-Time** [MT19]. **shortest** [VV19]. **shRNA** [KSP19]. **SIAR** [dISVBLdA<sup>+</sup>17]. **Signal** [BAEBAS19, BO19, LSSK16, PMM16]. **signals** [SOS19]. **signature** [JS19]. **silico** [ME17]. **SimApi** [PMMF19]. **Simple** [GMGG19, KP19]. **simplify** [GQCP<sup>+</sup>18]. **SimPrily** [GQCP<sup>+</sup>18]. **Simulating** [DL16, ME17]. **Simulation** [BBJ<sup>+</sup>18, dSBSD17, AM19, DFC18, FC17, GSP<sup>+</sup>17, HVB16, NBM<sup>+</sup>19, PMMF19, PMM16, PS18a, PS18b, PS18c, PS19a, RRS18, SGA<sup>+</sup>16, YKC<sup>+</sup>19]. **simulations** [AMS<sup>+</sup>15, BCR<sup>+</sup>18, GQCP<sup>+</sup>18, NR16, OT16, RAS19, VRBM16]. **simulator** [Nev17, Ull16, Zhu15]. **single** [SR17]. **singular** [LSMG19]. **SIP** [YKC<sup>+</sup>19]. **SIR** [SL18]. **SIRR** [AMC17]. **Size** [MT19]. **skin** [YDMC15]. **Skinware** [YDMC15]. **Sleep** [MLTF<sup>+</sup>18]. **slender** [AZ17]. **slope** [MASB18]. **smartgrid** [PMMF19]. **social**

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