Title word cross-reference

\( k \) [CVS21, KZP10, ZTM+17, ZLF+17]. \( N \) [ABCZ21, CWZ+20b, CWZ+20a, DK04, LPLH19, PV19, SHN17, XHW+19, Coh97]. \( O(1) \) [Non13].

-\text{-Gram} [PV19]. -\text{Grams} [Coh97, SHN17]. -\text{learning} [GWLC06]. -\text{nearest} [KZP10]. -\text{workspace} [Non13].

100-year [Gla04, GL05].


3D [ABW93]. 3DIS [AM89]. 5s [GFWK04].

abbreviations [YKHW06]. aboutness [WSBC01]. Abstract [MTKY92].


Acknowledgment [Ano95]. ACM [All89, All91, dR19]. Acoustic [MO12]. Acquisition [BWS+17]. across [IH07, TLKW16]. Act [CW94, KM97]. actions [YHYO01]. Active [CZZ+17, WHFG92, DEL+00, HJZL09]. Activities [LAL+17]. Activity [CHBS15].

Ad [CGM05, KL09]. adaptation [CBZ11].
Adapting [LMZ20, CDH^+09]. Adaptive [BHMW07, Bul95, CJW^+21, LK20, LJQY19, ZZT^+21, BDS04, CCC09, LBS08].
Adaptively [DMUN19]. adaptivity [RSG09]. added [MLDGH04]. Additive [DLN^+16]. Additivity [KSVS16].
Affect [Fer17, MLK^+18, WZL^+19]. Affects [MMO21]. affiliated [BM02]. after [Gla04].
Against [ZLF^+17]. age [Mar08a]. Agents [PYF^+92]. Aggregate [ABCZ21].
Aggregated [AC16, AC19, CSZD15]. aggregates [MS01]. Aggregation [GCC12, TP05]. Agree [Z21, BM02].
Agreement [FR97, GZC89]. Algorithm [BR96, CGB19, EMS21, VB98, CL03, KT05, PMPJ11].
Algorithms [AZ12, FZSG21, GR95, Kon04, Pal15, SC19, ZZL^+15, BM12, DK04, PF03, TS10]. Align [HLL^+17]. Alignment [YHS^+12, ZZT^+21].
alteviate [HCZ04]. Allows [Man97].
Analysis [BHH^+16, BB93, BRS92, CGB19, CMR91, CSZD15, DBCJ21, EMG11, LZG21, MK16a, PPGK04, PR16, SE91, VKD21, ZH17, dODMS20, ACS08, Car12, CJRY12, CHS99, GWR99, GL06, LM01, IWA08, MPHS03, PR09, SC09, XCO0].
Analysis-Based [PR16]. analyzing [SNS^+05]. Anchor [LCL04]. annotate [CDH^+09]. Annotation [SLZ^+19].
annotations [AF07]. annotator [ZWRL19]. Answer [CCC^+12, GCR^+21, HWW^+19, MT21, MAL16, KSNM10, MS01, Ack98].
answer-ranking [KSNM10]. Answering [AA16, BGQT07, GCR^+21, MAL16, PHK12, TM19, ZWMIH19, CMT12, CKC07, KSNM10, KEW01, Lin07, MPHS03]. App [CHN^+17, HL17, YZW^+17]. Application [EMS19, GPS93, GH06, MKF91, RN96, WSBC01, LCH07, SSS11, PGD07].
Applications [JTL^+17, SS93, WLS^+17, WBB^+90, ZLF^+17, ZZL20, DDH^+09, FP00, HJZL09, dOTM01]. applied [ZL04]. Applying [HCZ04].
Approach [AA16, BK90, CFC^+19, FB91, GPS93, HLC^+20, KMRH13, Kwo95, LYN^+21, MMLP97, NWZC12, QZX^+20, TQH15, WXL13, WHL^+16, YSZ^+17, YHS^+12, YCZ^+15, ZZL^+15, AC08, ASST05, CdMRB01, CC05, Fuh99, GLW06, GWR99, GP00, HHLW01, LM01, LCL04, MS01, Owe02, PZMWW05, WM05, YKH06, ZFL^+07].
Approaches [CCC^+12, Gru92, MC14b]. Approximate [ABB^+15, PDM01, W13, ARS03].
Approximation [LJQY19]. approximations [MOT11]. Apps [AZCC21, LAL^+17, USN^+17, WLG^+17].
Arabic [AN17, AA16, DM07].
Architecture [AAL^+20, KL91, KEL95, PYF^+92, PSDB99].
Architectures [WL^+14, CML00].
ASM [BR96]. Aspect [GCH^+19, LZG21].
Assimilation [ZZL20].
Assimilation-contrast [ZZL20]. Assistance [CW^+20]. Assistant [MNP^+21b]. Assistants [AZCC21].
Assisted [CH96, LK20, ZWMIH19, ZK20]. association [TL03, WZZ04, YYW08].
Associations [SLHS93, ZHY04, HZSL13].
Associative [COR13, HCZ04, RBV09].
Assumptions [Coo95, FP94]. Asymmetric [MP20]. Attention [HWW^+19, LLZ^+21].
LWP^+21, YHS^+21, APJL20].


Author [Ano93, Ano96a, Ano97, Cro98, RZCG^+10].


Automated [ADW94, KM97, SSCT09].

Automatic [BJL^+07, GSH91, LWM^+21, PBF^+89, RBV09, GWR99, GIS03, LSOS06, LWA08]. Automatically [ZZH^+18, YKHW06]. AutoWeb [FP00].

Auxiliary [DYL^+20, LDW^+17].

Availability [ZWL16]. Aware [AC18, BW1^+17, CWZ^+20b, CS16, GXTL14, GCH^+19, LJHL17, LXW^+17, MJH15, TQH15, WQI^+19, YZW^+17, ZGCI18, AZCC21, CXZ^+21, IG08, LHZ21, WLFT18, WLM^+21, YCZ^+15, ZWRL19, FFM17].

Awareness [YZL21]. AZFin [SC09].

Badge [WHFG92]. balance [PSBPBY10].

Bandits [JMD20].

Base [ZMK^+20]. Based [APCC15, AKFA15, AK18, AOK14, AA16, BCGF15, BC14, BA18, CGB19, CE89, CF95, CW94, CWZ^+20a, CD15, EMG11, Fuh9, GPS93, GCC12, GR96, IC16, JVA^+15, Koi95, Kwo90, LCJ^+16, LLT^+21, LPY94, LCL^+17, LGQL19, LCJ^+19, MNP^+21b, NWZC12, PPR13, PGW^+17, PR16, QLYN19, QFZ^+19, Reso3, SC19, Sav12, SJS17, SE91, SSGC89, SF89, SFR98, SLW^+20, TBC96, Tuz95, VHG^+11, WLY^+14, Won94, XCY9, YW15, YLZW21, YCY9, YHY^+17, YDXW21, ZZL^+15, ZZZ^+16, dMdSsdA^+08, ADCU08, AV02, BBB11, CC01, CDH^+09, Car12, CZJ07, CL06, CCC09, CSLN10, CC05, Coh00, DK04, DHH^+09, EKK99, EKK00, FBN^+12, FCD02, FG04, HHWL01, HHC^+10, IH07, JK02, KNS04, LBS08, LLBS18, Lin07, LHHC11, LLZ^+21, LZG21, MPS07, MC10b, Owe02, PTKJ07, PZMRN05, QXZP06, QHLY20, SZ21, SZ09, TM10, WS90, WJ05, XTF^+21, XHW^+19, YKHW06, ZZT^+21, ZSY^+21].

based [ZKG08, ZRZ02, ZK20, dOTM01, RCR^+11].

Baseline [AA16]. Baselines [KSV16].

Bases [ZWMH19]. basic [TS10]. Basis [RJ94, Mel08]. Basket [WC21a].

Batch [HJZL09]. Bayesian [LCJ^+19, SLW^+20, YCZ^+15]. Be [FC17].

Behavior [AC16, HL17, LHH^+19, LCPD19, LMZ20, MBST17, OS96, SYY^+17].

Behavioral [RSD^+13]. Behaviors [YCZ^+16]. Behaviour [BACF17, SBM^+17].

Belief [WH15, ZM14, LB08].

belief-revision-based [LB08].

Benchmarking [AOK14, WSBC01].

Beneath [KL00, PR04]. Bennett [Gru92].

Bernoulli [LA08]. Best [MAL16, SW90].

Best-Match [SW90]. between [MTKY92].

Bias [FN96, MMCC^+21, PH12]. biased [MZ08].

Biases [WH15]. Bidirectional [MTKY92, ZLL^+20]. Big [DCT^+17, SYY^+17].

Billion [ZN17].

Billion-Scale [ZN17]. Binary [MNZ19].

biomedical [YKHW06]. Block [CWZ^+20b, CHS99]. Block-Aware [CWZ^+20b]. Blocks [FC91]. blogosphere [CSJS10].

Bloom [AL13]. Boies [Gru92].

Boolean [CGMP99]. Boosting [BMMC19, CBJ15, CBZ11].

Block-Aware [CWZ^+20b]. Blocks [FC91].

Blocks [FC91]. blogosphere [CSJS10].

Bloom [AL13]. Boies [Gru92].

Boolean [CGMP99]. Boosting [BMMC19, CBJ15, CBZ11].

Block-Aware [CWZ^+20b]. Blocks [FC91]. blogosphere [CSJS10].

Bloom [AL13]. Boies [Gru92].

Boolean [CGMP99]. Boosting [BMMC19, CBJ15, CBZ11].

Block-Aware [CWZ^+20b]. Blocks [FC91]. blogosphere [CSJS10].

Bloom [AL13]. Boies [Gru92].

Boolean [CGMP99]. Boosting [BMMC19, CBJ15, CBZ11].

Block-Aware [CWZ^+20b]. Blocks [FC91]. blogosphere [CSJS10].

Bloom [AL13]. Boies [Gru92].

Boolean [CGMP99]. Boosting [BMMC19, CBJ15, CBZ11].
Yan15, BKGM+02, MC06. Budget [ZAL+16]. Budgets [NGMD17]. Building [DYLW09, HZG20, MRGMO1, RP98, VL90, WW94]. Burst [HZW02]. Business [KL00]. Buttons [Bie92].


Classical [Ruh94]. Classification [CZZ+17, COR13, DG95, ES13, EMS9, HQZ17, IG08, LCX+19, LBC+19, MMO21, PR16, RL94, YHS+21, ZWR19, ZZD+20, ACS08, BJL+07, GIS03, LWSA10, PS05, SPS+06, TMT06]. Classification-aware [IG08]. classifier [GWLC06]. Cleaning [ES13]. ClearBoard [IKG93]. Click [LXW+17, MCL+12, ZML+19, LWSA10].

clicks [JGP+07]. clip [HSS+09]. Clipping [USN+17]. Close [OOSC93, YYWLY0]. Cluster [LGRK18, ADCU08, HHC+10].

cluster-based [ADCU08, HHC+10]. cluster-skipping [ADCU08]. Clustered [PV17]. Clustering [Can93, LRZ+17, TM10, CL06, KM13, MLDGH04, TG10, WN02, ZFL+07].


Collection [CFGM02, FKS19, PF03].

Collections [Gla97, KC15, ZJT16, BC13, CW02]. Collective [LGQL19, ZZD+21].

Combination [FP94, CRG02]. Combine [FFM17, MO12, MS01]. combined [WZB04]. combinFormation [KKS+08].

Combining [AOU12, MC10a]. Comments [HLL+17]. Commerce [GCR+21, KM97].


Community [CCC+12, PHK12]. Compact [ZNL+17, Zob06]. comparable [TL+07].

Comparative [CSZD15]. Comparing [ANW17, Guy18, IC16, PF03, PS05].


Components [Kwo90], composition [KKS+08]. Comprehensive [LWP+21].


[BKWZ15, DL16, JMD20, MZL11, MYHL11, SYX+17, ZYY+21, ASST05]. contextualized [BHMW07]. Continuity [RRS95]. Continuous [GRS+16]. Continuous-Time [GRS+16], contrast [ZXZL20], contribution [WW10]. Control [Bu95, Gla97, HLNS98, BFF+03, Mar08a]. Controlling [Ko95]. Conversation [SLW+20, TCMC21, ZGF+20].


Crowdsourcing
[BSW+17, MMST17, SC19]. CRSAL
[RYC+20]. CSGW [Res93]. Cumulated
[JK02, KL06]. Curious [BSW+17],
Current [Ols89]. Cursor [APIJL99],
Customer [PR16]. Customizing [RS97].
Cyberchondria [WH09]. Cyberspace
[AC08]. Cycle [CR92].

D [NCZG14]. D-Critical [NCZG14].
DAIDA [JMSV92]. Dangerous [WLZW21].
Danish [ANW17]. Data
[AFF+19, AARC20, Col00, DYL+20, FC17,
GC92, VST+14, MTX92, NFZ19, QFZ+19,
SLHS93, SSY+17, SYX+17, TGL+97,
Tom89, WZC+17, WS90, ZWRL19, ZZZ+16,
BGQT07, BJS99, CDF01, CGM02, FPS006,
HZW02, KZP10, PSDB99, QZXP06, ZCD06].
Database [BBT92, FR97, ISW92,
KBGW91, KN93, SO90, Tom89, VB98,
BFF+03, CC03, Fuh99, IG08]. Databases
[CH96, KBGW91, KC95, MK94, NB97,
BSST03, CC01, EKK99, EK00, GWR99,
GIS03, KZSD99, LI09, MS01, SSCT09].
Datasets [PV19, CL06]. DBface [KN93].
DBpedia [LCL+17]. DBpedia-Based
[LCL+17]. dead [Gla04]. Debiasing
[ZXZL20]. Decaestecker [EMS21].
Decision [ASV91, ADW94, Won94, YGZ15,
BDS04, Fuh99]. decision-theoretic [Fuh99],
decisions [WLZW21]. Decomposition
[VFA17, KO98]. Decoupled [SGLS93].
Deductive [KC95]. Deep
[AIL+20, FZSG21, LW20, LLZ+21, LZG21,
LJC+19, RCR+18, SSY+17, SLW+20, TM19,
XTF+21, XHW+19, YW15, dOAMS20].
DeepMob [SSY+17]. Defined [BBT92],
definitional [CCK07]. Delay [GC92],
delivery [LSOS06]. Demographic
[DCT+17]. Dependable [DC10],
dependencies [BSV09]. Dependency
[BLW15, QWZ+15, YW15]. dependent
[CR10, MSOH13, TFS+12]. Derivation
[GH96]. Deriving [LAL+17]. Descriptive
[GR96, NZW+14]. Design
[BB93, CMR91, CR92, CW94, ERG+89,
GPS93, GR95, ISW92, IKG93, LL89, Mos90,
OOSC93, PBF+89, SZ93, WLY+14, AAGY01,
BSST03, FC02, GWL06, IM05, RR98].
Design-Evaluation [ERG+89]. Designing
[KN93]. Designs [HS90]. Desktop
[WDG17, CDO08]. Detachment [YTD13].
details [ES98]. Detect [ZAL+16].
Detecting [AZK12, LHG+12]. Detection
[AOK14, BA18, CSR+20, CTH+13, LW20,
MTC21, MCF+17, QWZ+15, TQH15,
WNWL+21, ZJT16, ZZZ+21, ZY21, Zob06,
AC08, CCC09, CFGM02, TFS+12, WKF+12].
Developing [WBB+90]. Development
[Cro89b, Gr092, RN96, SS93, WL97,
ATW00, FP00]. Device [HYH15, RSG09].
Devices [AK18, CMR91, WLS+17,
ACM+02, BKG14, DGEY]. Diagnostic
[FTZ11]. Dialog
[GCL+21, HZG20, CDH+09]. dialog-based
[CDH+09]. Dialogue
[LMW+21, LLT+21, ZHZ+19]. Dialogues
[VKD21, XTF+21]. Dictionary [LPY94].
Difference [JMY13]. Different
[CW+20, LM90, IH07]. differentials
[TkW99]. Difficulty [ZHZ+18]. Diffusion
[GRS+16]. Digital [CDM15, EGL+07,
GR12, MMO21, MNP+21b, SMG11,
WBP+16, AF07, Gl04, GL05, GFWK04].
Dimension [ACC18, DUY+19, Koi93].
Direct [HS90, WKF+12, MK94].
Directed [ZHC+20]. Directly [Man97].
directory [GLK+07]. DirichletRank
[WTS+08]. disambiguating [YKH06].
Disambiguation [MKZPK18, SG14].
Discovering [LOP+13, ZFL+07].
Discovery [JTS16, OSV19, AAGY01,
KKS+08, LLPT10, XCO5]. discrete
[KZP10, PRP05, QXZP06]. Discriminative
[QWZ+15]. Discs [FC91], discussions
[Luz12]. Display [Koi95]. Displays [HM90].
Distillation [CZ+19]. Distorted [VB98].
Distributed [CH96, HEA90, KEL95].
[DLN+16]. Enterprises [CH96]. Entities [LMW+14, ZMK+20]. Entity [CFC+19, LCL+17, LGQL19, YHS+12, ZZZ+21, BB11, SB11, LCM+17, PTS13].

Entity-Linking [CFC+19]. Entropy [MP20, GP00]. Environments [ATW00]. Environment [AM89, JMSV92, KMK92, LZ96, SS93, WL97, CR06]. Environments [CFP95, Gu96, CC03, JBC07, KM13].


Estimate [LK20, Bod04]. estimates [SZ90]. Estimating [CZ93]. Estimation [BF98, GRSD+16, LYN+22, LXLZ16, MTC21, SKC+12]. Evaluating [ABW93, CML00, FKM+05, GR12, HKTR04, JGP+07, LCY21, MC94, WRJ05].

Evaluation [BCPN14, CS94, ERG+89, FTI21, FFM17, Fer17, Gm92, GR95, JVA+15, Kon04, LLMW+14, LL89, LMDZ20, LZW+20, MMST17, MMCC+21, MMLP97, SZ21, SLZ+19, TBC96, TC91, VSS17, VB98, ZGN+17, CJRY12, CL07, GMR09, JK02, JBCF07, KL06, LSOS06, LZW21].

Evaluations [FZSG21, KFS10]. Event [LLBS18, MSMO18, CCC09, LLPT10]. Event-based [LLBS18], Events [LHG+12, LXLZ16]. every [Gla04]. Evidence [MCI14a, UCH03, GL04].

Evidence [IM05, LXLZ16, Yan15, ZJT16]. Evolutionary [SCG+19, WMZ+21].

Evolutionary [SCG+19, WMZ+21]. Evolving [JMSV92]. Examining [KSVS16]. Example [YC94, TFS+12].

Example-Based [YC94]. Examples [KLIHK13, BBD11]. Exception [SM95]. Exceptions [SM95]. Exclusion [CCVR17]. expansion [CDRBO1, GWR99].

Expectations [MBST17]. Expected [OSV19, CL03, DWLW09]. Experience [BBT92]. Experiences [DH97].

Experimental [WLY+14]. Experiments [Kwo90, MLF95, Car12, GMR09, IKG93]. Expert [ASV91]. Expertise [MLK+18].

Experts [PHK12, BM02]. Explainable [AZBC20, CCZ+19]. Explaining [KJA20, Mar94]. Explanation [Gul96].

Explanations [TBCW20]. Explicit [EMG11, FMS14, MSMO18]. Exploiting [CL18, FFM17, GGMW03, GNN+10, MKF91, QHYL20, TL14, WX10, ZZL+21, FPSO06, TLJ+07].

Explanation [JMD20, Lin07]. Exploratory [CS94, HYH15, HL17, LLMW+14, MLK+18, RPE+18], explorer [XC05]. Exploring [CCC+12, EBR08, PHK12, SPK11, WZW+19]. Expressive [KM97, SW94].

Extended [YWYL08, KL06]. Extending [DEL+00, GSR96]. Extensible [AM89, KL91]. Extension [BR96, GWR99].

External [CZX+19, NCZG14, NCHW15, TSNS19]. Extra [ACC18]. Extra-Topical [ACC18]. Extraction [CSJS10, JZ06, MML18, SZ17].

Factors [ACC18, FZSG21], False [AKZ12, LW20]. False [MMCC+21]. False-positive [MMCC+21]. family [DWLW09]. Fano [PV17].

facet [LWA08]. Faceted [MT21, NFZ19]. Facility [MK94]. factoid [CTM12, Lin07].

Factor [NFZ19, ZGF+20]. Factorization [CZT+20, FMS14, LiHL17, LHZ+18, LPLH19, SZS17]. Factors [ACC18, FZSG21]. Fake [AKZ12, LW20].

False [MMCC+21]. False-positive [MMCC+21]. family [DWLW09]. Fano [PV17].

Fast [ABB+15, AL13, BC11, DLA15, DLN+16, Man97, MZ96, SNZBY00, WZB04, ZTM+17, CFG02, HZWO2, ZHC+13]. Favorite [GCL+21]. Feature [CZW+20a, CZX+21, HWN+19, SCG+19, ACS08].

Feature-aware [CZX+21]. Feature-Based [CZW+20a]. Features [LPY94, MAL16, ZZT+21, dODMS20, GBMS09, MSOH13].

Feedback [DLA15, Dun97, LPLH19, MYHL11, MHZ16, MCL+12, NSV18, RK19, RRS95, VHJC11, WC21a, CRG02, CZJ07, JGP+07, WRJ05, ZCD06]. Felicity
Few-shot [LLZ+21, ZK20, GMR09].

Field [Ack98, PR16, QFZ+19]. figure [GWLC06], figure-of-merit [GWLC06], figures [BM12]. File [CZ93, Man97].

Filters [AR1C20, CLPM20, CDM15, DHY+19, GXTL14, LCX+19, LLZ+21, MNZ19, MMLP97, PYC+19, WHL+16, XHW+19, ZLL+20, DC10, HKTR04, Ho604, HCZ04, HI07, TKD09, WdVR08, ZKG08].

Flexible [DC92, HM90, Tom89, ZTM+19]. Fractal-Based [OG94].

Fractal [BF98, Koi95]. Fractal-Based [Koi95]. Frames [OG94]. Framework [BHH+16, BA18, CML+21, CGB+15, DC92, GCL+21, GR12, HLNS98, LCJ+16, MTKY92, MHZ16, MCL+12, PYF+92, VL90, YDXW21, ZWR19, ZGC18, CL06, CCC09, DWLW09, DDX+09, EK999, KL00, MR10, SSCT09, XC05], free [MC10a].

Frequency [PR16, PTKJ07, HO07, SV99]. Frequency-based [PTKJ07]. Frequent [BCFG15, CGB19]. Frequently [HY20].


gain [JK02, KO60]. gain-based [JK02]. Gap [AMS20, WTS+08]. garbling [DM07].

Garden [Ack98]. Gaussian [LBC+19].

General [AFF+19, CGB+15, Gu06, JTL+17, MTKY92, YE18, ZLL+15, CW02]. General-Purpose [AFF+19, YE18, CW02].

generalization [CL03]. Generation [BC14, GCR+21, RCR+21, SLW+20, ZGF+20, AL13, CC05, RBV09]. Generative [LMW+21]. genomic [Wil05]. Genre [YHY001]. Geographic [HY20].

Geographical [LZG+18]. Geolocation [CL19]. geometrical [CHS99].

Geometry [HZSL13]. GeoMF [LZG+18].

Geoparsing [MK16a, MKZPK18]. Georeferencing [VST+14]. Geosemantics [MK16a]. Geospatial [TGS16].

Geotagging [MKZPK18]. Gerard [Ano96a]. Get [Jac91]. Getting [CR92].


Grammar [BBT92]. Grammar-Defined [BBT92]. Grammars [BK90, RS93].

Grams [Coh97, SHN17]. granularity [YLS+11]. Graph [APCC15, CSR+20, PL94, QHLY20, WZW+19, YHS+21, YHS+12, ZSY+21, HHC+10, LSWA10, MC10b, PH07].

Graph-Based [APCC15, ZSY+21]. Graph-Regularized [CSR+20].


Group [ASV91, CSB21, OOSCh93, TkWW99]. Groups [LM90, CSJ10]. Groupwork
[OOSC93]. Grudin [Wie92]. Guest
[LH94, MS93]. Guided
[LCX+19, WLM+21]. GVoS [JTL+17].

HAL [YWYL08]. Hand [SZ93]. handheld
[BKGM+02]. Handling
[Mye90, PV19, SM95, Owe02]. Happy
[Mar94]. Harp [LL99]. Harvesting
[SMN+16]. Hash [FCDH91]. Hashing
[CJN20, Coh97, ZHC+13]. HDM [GPS93].

heavily [LHSC11]. Help [CE89, Bod04].

Heterogeneous [CLPM20, EMS19,
HCC+16, SSY+17, TLKW16,
YHS+21, ATW00, CGMP09, Leb06].

HGAT [YHS+21]. hidden
[GIS03, IG08, JZ06]. hidden-web
[IG08, GIS03]. Hierarchical
[CSR+20, CS94, ZZD+20, ZY21, BFF+03, GGMW03].

Hierarchies [BRS92, LM90]. Hierarchy
[Yan15]. High [BS12, DC92, FC91, LJHL17,
OS96, RL94, WZW+19, ZK20, HZSL13].

High-Level [DC92, OS96]. High-Order
[LJHL17, WZW+19, HZSL13].

High-performance [BS12].
High-Precision [RL94]. High-recall
[ZK20]. highly [KM13, MWYL01]. Hilbert
[CCVR17]. Historical [TP05, FPS06].

History [LTT+21]. HMM [CCC09].

HMM-based [CCC09]. hoc
[CGM05, KL09]. Holistic [MNP+21b].

Home [Ols89, UCH03]. Human
[All91, BHI+16, Jac91, NFZ19, SSY+17,
S93, Wi98, ZZZ+16, GKL+07].

Human-Computer [Jac91, SZ93]. HYB
[BC11]. Hybrid [AK18, CML+21]. Hyper
[HCY+20, HO07, SM99]. Hyper-Network
[HCY+20]. hyper-object [SM99].

hyper-parameters [H007].

Hyperdocuments [SFR98]. Hyperform
[WL97]. Hypergraph [CXX+21, WS90].

Hypergraph-based [WS90]: hyperlinks
[KL10, LS02]. Hypermedia
[Bul95, HLNS98, LZ96, MC94, SLHS93,
UY89, WL97, ATW00, BHMWO7, dOTM01].

Hypertext [CE89, GPS93, KL91, Rad92,
STSM95, SF89, Tom89, WR98].

Hypertext-Based [CE89]. Hypertexts
[BRS92].

identification [AC08, PTKJ07, SSCT09].

Identify [PHK12]. Identifying
[BRS92, MJH15, SMGM11]. identity
[AC08]. identity-level [AC08]. IDF
[SHN17, WLW08]. IF [CDR21]. Image
[CLZ+14, GR95, NWZC12, SLZ+19, VB98,
WZL+19, CZ07, EKK99, EKK00, HJZL09,
KKS+08, TMT06, ZCD06, ZR02]. Images
[CCZ+19, GR96, dODM20]. Impact
[BACF17, MTC21, EJ03, SV99, TkWW99].

Impacts [JYM13]. imperfect [Owe02].

Implementation
[CW94, KEL95, TGL+97, WZ94].

Implementing [DC92]. Implicit
[DYL+20, LZLM19, SVB18, FKM+05,
JGP+07, WRJ05]. Importance [LYN+21].

Imprecise [Mor90]. Improve
[HL17, HCC+16, FKM+05, LLC03].

Improved [BBMN+08, CCRV17, CPL15,
FMSS14, CDH+09]. Improvement [GS91].

Improves [VAJR21]. Improving
[CRG02, DYL+20, ES13, HCC+17, MZLK11,
MC10b, RBCT14, XCO0, PPGK04].
in-memory [TS0]. Incomplete [KC95].

Inconsistencies [Coo95]. Incorporating
[ASST05, MZLK11, MBST17, WZC+17].

Incremental
[ADCU08, Can93, SM99, PSPBY10, TM10].
indefinite [WMZ10]. independent
[TFS+12, UCH03]. Index
[An93, An96a, An97, BC14, Cro98,
DLA15, TM20, AOU12, BC11, MRYGM01].

Index-Based [BC14]. Indexes
[PV17, BS12, FB+12, WZB04]. Indexing
[FB91, HCC14, MZ96, STSM95, SMGM11,
WXLC13, ZNL+17, CM10, EKK00, HSS+09,
KO98, QZX06, TKD09, TMT06]. Indices
[PR16]. Induced [NCHW15, KL10].

Inductive [FP94, ZYY+21]. Industry
Kabiria [CFP95]. Keeping
[AA020, BCD08]. keyblock [ZR02].
keyblock-based [ZRL02]. keyphrase
[WX10]. keys [HZW02]. Keyword
[ZGCC18]. Kinematics [CV98]. KNET
[CGB+15]. Knowledge [AMS20, ACM02,
BWS+17, CFP95, CZX+19, CGB+15,
HQZ17, HLC+20, MBJK90, Ruh94, SSGC89,
SSY+17, TSNS19, Tuz95, WZ+19, Wil98,
Won94, ZWMM19, ZMK+20, ZH17,
DDH+09, WX10, XC05, YHY01].
Knowledge-Based
[CFP95, SSGC89, Tuz95, Won94].
Knowledge-Enhanced [AMS20]. Korean
[ANW17].

Label [ES13, ZZZ+20]. Labeling [AZK12].
Lake [AAR020]. Language
[AAL+20, ANW17, CPL15, GR96, JSHS96,
KJA20, MK16b, TL14, Tuz95, Coh00, ES98,
FBN+12, FG04, KL09, KL10, Owe02,
TLJ+07, TFS+12, XHY09, ZL04].
language-dependent [TFS+12].
language-independent [TFS+12].
Languages [SW94, ACS08, KMDRS06].
Large [CJRY12, CS94, CTH+13, Gla97,
KC15, LMDZ20, MP20, NLF+20, SC19,
VKD21, VFA17, VB98, WXCL13, ZTM+17,
BC13, BJL+07, CW02, CL06, EKK00,
SSCT09, YKHW06]. Large-Alphabet
[MP20]. Large-Scale
[CTH+13, LMDZ20, NLF+20, SC19, VFA17,
WXCL13, CJRY12, VKD21]. Last [ZK20].
late [GL05]. Latency [BACF17, TM20].
Latent [BLWJ15, CGB19, Hof04, LHH+19,
LLBS18, QWZ+15, WXCL13, KO98, PR09].
Latinne [EMS21]. lattice [CSL10].
lattice-based [CSL10]. Law [PSL16].
Layers [ZSY+21]. LCARS [YCS+14].
Leadership [CSB21]. Lean [Ruh94].
Learned [PCD92]. Learning
[AMS20, AAL+20, AYWM21, ADW94,
CZZ+17, CSR+20, CGB+15, DMUN19,
EMS19, FZSG21, FC17, FB91, FP94,
GCL+21, HLL+17, HCC+16, HLC+20, IC16,
IS92, ISWA10, MC94, MLZ+20, MCL+12,
NZW+14, NLF+20, PS05, QNY19, RSD+13,
RYC+20, RZCG+10, SC19, SSV+17,
SCG+19, TSNS19, TLKW16, WNS+17,
WC21a, WQL+19, YW15, YLZW21, YE18,
YDXW21, ZZZ+21, ZWRL19, ZYY+21,
ZZH+18, ZHC+20, AAGY01, CL03, CS99,
HZL09, LCH07, MSOH13, SC03, GWLC06].
Learning-Based
[SC19, YDXW21, ZZZ+21].
Learning-to-Rank [IC16]. legacy [LL99].
Length [Na15]. Lessons [PCD92, LWA08].
Level [DC92, O96, XYY21, AC08]. Levels
[ZZZ+18]. Leveraging
[BACF17, CZZ+19, FAZC12]. Lexical
[KC92, PPGK04]. libraries
[FWK04, LL99, SNS+05]. Library
[EGL+97]. lies [PR04]. Life
[Mar94, CCC09]. Lifestyle [ZZZ+16].
Lifestyle-Based [ZZZ+16]. lightweight
[BFN10]. likelihood [KT05]. Limited
[ZAL+16]. linear [Non13]. linear-time
[Non13]. Linguical [EMS19, JTS16, GNN+10].
linguistic [CHS99]. Link
[CP13, SG14, ZMK+20, CRNZ+03, LM01].
link-structure [LM01]. Linking
[CFC+19, LCL+17, LGQ19]. Links
[ZHC+20, KL10]. Lists [ABCZ21, SKC16].
Listwise [IC16, WHL+16]. load
[PSBY10, PSBY10]. Load-driven
[PSBY10]. Local [CRNZ+03, CWZ+20a,
LQY19, Row96, SZZ17, WNS+17, XC00].
Locality [dMdSdA+08]. Locality-Based
[dMdSdA+08]. Localization [CTH+13].
Locating [ZK20]. Location
[CS16, LHZ+18, MKZPK18, MPT21,
FP00, GPS93, KMKO92, LCX+19, LK+17, LLZ+21, MO12, MMLP97, Mye90, NB97, PL94, RN98, TBC96, Tom89, TC91, WS90, YGZ15, ZWMIH19, ZGF+20, ZMK+20, ZZZ+16, ZML+19, AF07, BFF+03, GFWK04, LLPT10, PZMRN05, RR98, SS08, TKD09, XHYY09, YLS+11, dOTM01.

Model-Assisted [CH96]. Model-Based [TBC96]. Model-driven [FP00]. Modeling [BH9+16, BLWJ15, BKR97, CHN+17, CML+21, Coo95, DCT+17, DHY+19, GCH+19, Gub96, GCD+19, ISL95, LDW+17, LZG+18, LLBS18, LLZM19, RPE+18, SLHS93, SG14, WXLC13, WY95, XZY21, XCI3, YGZ15, YSZ+17, YE18, YCZ+16, ZHY14, ZH17, BB11, PG07, RSD+13].

Modelling [ZXZL20]. Models [CWZ+20b, CWZ+20a, Cum14, DL16, FTZ11, LZW+20, MNP+21b, QWZ+15, TBCW20, AV02, Bod04, CKC07, GF00, Ho04, JZ06, KSNM10, KL09, KL10, LA08, MSOH13, RCG+10, WdVR08, WRJ05, ZL04].

todes [IH07]. modular [TMT06].


Mouse [APJL20]. Movements [Jac91].

Movie [KE195]. MR [SGL93].

MUADDIB [RS09]. Multi [GCL+21, GC92, LTL+21, LYN+21, LGQL19, LPLH19, QFZ+19, SCG+19, XTF+21, YLZW21, ZWRL19, ZDD+20, HL10].

Multi-annotator [ZWR19].

Multi-Channel [LPLH19].


Multi-media [GC02]. Multi-Modality [GCL+21]. Multi-Objective [SCG+19].

Multi-Response [YLZW21]. Multi-Stage [LYN+21]. Multi-Turn [GCL+21, LTL+21].

Multi-types [XTF+21].

Multi-View-Based [LGQL19].

Multidimensional [GH96, ASST05, QZXP06].

multidisciplinary [Luz12].

Multidocument [MLDG04, YW15].

Multilevel [MMLP97]. Multilingual [BCFG15, CGB19, JTS16, KMKO92, LGZ21, KSNM10]. Multimedia [CJN20, RRS95, DDH+09, MR10, ZHC+13].

Multimodal [MYHL11, TQH15]. Multiple [Car12, CH96, FC17, FFM17, LPY94, MC14a, MK94, NGMD17, SMN+16, Wi98, XZY21, ACS08, CRG02, GWR99, MSOH13].

Multiuser [DC92]. multivariate [LA08].

Music [CS16, MO12, PH07, SPKW11, SSCT09].

MWI [BCFG15]. MWI-Sum [BCFG15].

MyrerrorBot [MNP+21b].

N [SC19]. Name [All89]. Named [LCH07, PTS13]. Names [SMGM11].

Natural [AAJ+20, GR96, KJA20, ES98, FBN+12, Owe02].

Natural-Language [GR96, ES98]. Navigation [AKF15, BBMN+08, MS01].

Near [CTH+13, JTL+17, NGMD17, HHC+10, LHSC11].

Near-Duplicate [CTH+13, JTL+17, HHC+10, LHSC11].

Near-Optimal [NGMD17]. nearest [KZP10].

Need [YTD13, LWA08]. needs [KMDRS06]. Negative [Mar94, WC21a, WC21b, WZZ04].


Nets [OS96]. Network [CXZ+21, HCY+20, Kwo95, LW20, LWP+21, MAL16, QZ+20, SLW+20, YSZ+17, ZY21, FCD02, LLPT10, XC05].

network-based [FCD02].

Network==based [TC91].

networked [Fuh99, PSDB99].

Networks [DCT+17, FC17, GRSD+16, HGBY16, HE91, HQLZ17, LLBS18, MTC21, MLZ+20, QHLY20, QFZ+19, RCR+18, SMN+16, TLKW16, UY89, VFA17, YSZ+17, YHS+21, ZAL+16, ZTM+17, ZGCC18, CGM05, KNS04, RBV09].

Neural
Programming [BR96]. Progress
[DBCJ21]. Project [EGL+97, MC94].
promotes [KK98]. Propagating
[MK16a]. Propagation [WBP+16, ZM14].
Properties [SFR98, DEL+90]. Prospects
[Ols89]. Protocol [CW94]. prototype
[RR98]. prototypical [CSJ10]. PROXY
[KL91]. Proximal [NB97]. Proximity
[AARC29, CL19, GCCC12, ARS03].
Proximity-Based [GCC12]. proxy
[HHWL01]. proxy-based [HHWL01].
PRUM [PGD07]. pruned [BS12]. pruning
[AOU12, BB10, MOT11, dMDs0A+08].
Pseudo [DLA15, MHZ16].
Pseudo-Relevance [DLA15]. psychiatric
[YWL08]. Psychometric [AAL+20].
Public [NSK+20, ZGN+17, LL09].
publications [BM12]. pure [HZSL13].
Purpose [AFF+19, WLG+17, YE18, CW02].

QProber [GIS03]. Qualitative
[BDS04, MC14b]. Quality [HCC+17].
Quantitative [MC14b, ZGN+17]. Queries
[CFC+19, Guy18, SÖ09, ZLF+17, ZZZ+21,
ZGC18, BGQT07, BJL+07, BS12,
CGMP99, CDF01, JD07, LCL04, Owe02].
Query
[ABB+15, BBD11, BMCC19, BLW15,
CRD16, CC01, CH96, Cum14, GS91, JT16,
LYN+21, MC14a, MK94, NB97, PPPR13,
SW94, SPS+06, SKC+12, SKC16, SÖ09,
TM20, UCH03, VAI12, WNZ02, YGZ15,
AOU12, BJL+07, Bood04, CdMB10, CL03,
DM07, EJ03, FPS006, FG04, GNN+10,
GWR99, GCT99, JGP+07, KMDR06,
LWSA10, LL99, LOP+13, MHO13,
PSDB09, TFS+12, TKD09, XZ13, YWYL08].
Query-Based [PPP13, CC01].
query-by-example [TFS+12].
query-dependent [MSOH13]. Query-Drift
[SKC+12]. Query-independent [UCH03].
querying [MS01, WZB04]. Question
[CCC+12, GCR+21, HWN+19, MAL16,
NLF+20, PHK12, TM19, ZWMPH19, ZK20,
CTM12, CK07, KSNM10, KEW01, Lin07,
MPHS03]. Question-Answer [CCC+12].
Question-Answering
[GGC+21, TM19, CTM12, KSNM10].
Question-based [ZK20].
Question-Oriented [WHL+19].
Question-Topic [NLF+20]. Questions
[AA16, NZW+14, Pal15]. Quote [TWLX18].
QuoteRec [TWLX18].

Radically [MLF95]. Random
[IC16, LCL+17]. Random-Forest-Based
[IAS16]. Randomly [FC91]. randomness
[AV02]. Rank
[AYWM21, DMUN19, IC16, MZ08, PC+19,
SCG+19, BM02, DWLW09, LJQY19].
Rank-biased [MZ08]. Ranked [HCC14].
Ranker [LMDZ20]. Ranking
[CBZ11, DLM+16, FHW+19, Fuh89, LR96,
MT21, SMGM11, WHL+16, XTF+21,
CRG02, CC00, CDZ08, DWLW09, EJ03,
KZSD09, KSNM10, PZMRN05].
Ranking-Oriented [WHL+16]. rankings
[WMZ10]. Rapidly [WB+90]. Rate
[ANW17]. Rating
[YZW+17, ZXLZ02, WdVR08]. Ratings
[ABCZ21, CHN+17, CRD10]. Raw
[GZL+18]. Re [SBM+17]. Re-Finding
[SBM+17]. Readable [LPY94]. Reader
[LMZ20]. Reading [HHH+16]. Real
[SYX+17, YCZ+16, ZLW16, ZWW+21, AL13,
HSS+09]. Real-Time
[SYX+17, YCZ+16, ZWW+21, AL13, HSS+09].
Real-World [ZLW16]. Reality
[FZC93, SGLS93]. realizations [DC10].
Reappraisal [BB93]. Reassessment
[EMS21]. Recall
[RJBS9, Web13, PMS07, Tee08, ZK20].
Recency [MC1+12]. recognition [PTS13].
recognize [Tee08]. Recommend
[NZW+14]. Recommendation
[AZ12, ABCZ21, AC18, AZCC21, BKLWZ15,
CHN+17, CJZ+16, CZX+19, CWZ+20b,
CZZ+20, CJW+21, CXZ+21, CS16, CCZ+19,
FZSG21, FMSS14, GCH+19, HKS+21, HCC+16, LJHL17, LHH+19, LLW+21, LZG+18, LLBS18, LZLM19, LJJQY19, LPLH19, LCJ+19, LMZ20, MYHL11, PVGM11, QLNY19, QHLY20, SC19, SZS17, TWLX18, WC21a, WMZ+21, WQL+19, XZY21, XHW+19, YZX+16, YCZ+15, ZLL+20, ZLW16, ZZD+20, ZSY+21, DK04, IH07. Recommendations [GXTL14, HL17, HCC+17, LCPD19, WAL+21]. Recommended [HY20].

Recommender [CCCD19, CSB21, DBJC21, DYL+20, LZG21, MZLK11, MMCC+21, RYC+20, WZW+19, YHY+17, YCS+14, ASST05, HKTR04, Kon04, MSR04, MKR04, RSG09, WMJ05].

Recommending [CWZ+20a]. Recovery [DG95]. Recursive [AZK12, Coh07]. redesign [KL00]. Reduce [AMS20, PSPBY10].

Reducing [GKL+07], reduction [GMR09], redundacy [Lin07, SSS11], redundancy-based [Lin07]. Redundant [Row96]. Referees [Ano95]. Reference [SKC16], refining [BCD+08, EBR08].


Reinforcement [YDXW21, ZZZ+21]. Related [JTL+17].

Relation [AZBC20, ZYY+21]. Relational [FHW+19, FR97, BJ99]. Relations [RCR+18, WMZ+21, ES98, MC10a].

Relationship [ZJT16]. Relevance [Bod04, DLAl5, Dun97, LLZ+21, MMST17, MC14a, MYHL11, MHZ16, RK19, RBCT14, Wil98, EJ03, PTL08, WdVR08, WLWK08, ZCD06].

Relevant [LK20, ZK20, JZ06, KFS10].

remote [HHWL01]. Repeatable [JBCF07].

Repetition [SE91]. Replicates [VSS17].

reporter [ZKG08]. reporter-based [ZKG08]. reporters [ZKG08]. Repository [CTH+13, HYO01]. Representation [CSR+20, HSH90, PL94, QLNY19, RS93, TSNS19, WQL+19, YLZW21, ZZD+20, Coh00, KL00].


Reranking [LCPD19, LZM+19, TM19, HHC+10, KKB10, KL10, MC10b]. Research [Cro89b, DBJC21]. Residual [LK20].


Result [LYS+17, LZM+19, WDG17, SZ09].

Results [LGRK18, MC94, MCL+12, ZZZ+21, BM12, EJ03, FPSO06, HHC+10, KKB10, SC03, Tee08].

Retrieval [AMS20, ABB+15, CE89, CCC+12, CFP95, CIN20, CR95, Coo95, CDM15, CV98, CPL15, DLA15, DMUN19, EMG11, FTZ11, FKS19, FCDH91, Fuh89, FP94, FR97, GC92, GCC12, GR95, GR96, HCC14, JYM13, KBD89, KC92, Kuo90, Kwo96, LZG21, LZM+21, LYN+21, LZ06, MMST17, MKF91, MH89, MO12, MZ96, Na15, PSL16, RB89, RR95, Row96, SZ21, SW90, SL95, TBC96, THT12, TL14, TC91, VJHC11, VdRS18, VSS17, WY95, XTF+21, YLZW21, YC94, ZLN+17, ZHY14, ZK20, ADCU08, AV02, BYFM06, CML00, CRG02, Car12, CSLN10, CC00, Cra06, DM07, EKK99, FG04, GM90, HO07, HJZL09, HZSL13, HZC04, KL06, KNS04, KO98, KL09, LBS08, LHS11, LA08, MR10, MLGH04, Mol08, MZ08, PMPJ11, PMD01, PRP05, PH07, PGD07, PTL08, SV99, TLJ+07, TKD09, Wil05, WSBC01, XC00, YLS+11].

retrieval [YWYL08, ZL04, ZCD06, ZRZ02, Cro89b].
Retrieval-Based
[LLT+21, YLZW21, XTF+21]. Retrieved
[FC91, KFS10]. reuse [Tec08]. Review
[GCH+19, L2Z21, MM20, OSV19, Mar08a]. Review-Aware
[GCH+19, L2Z21].
Reviewer [ZZD+20, Mar08a]. Reviewers
[Cal12, dR19, Mar06, Mar07, Mar08b, ACM03]. Reviewing [LK20]. Reviews
[CCZ+19, L2K0, ZT16, ZK20]. revision
[LBZ08]. Revisited [MNW98, FGM+20].
Rewriting [LYN+21, CMF99]. Rich
[Ruh94]. Risk [SCG+19, WLZ21].
Risk-Sensitive [SCG+19]. RLPs
[VDX21]. Road [ZGC18]. Robust
[CJN20, PPR13, SZ99, EKK99, GWLC06].
Role [FLMM91, Koi93, Ruh94]. Roles
[GSR96]. ROM [KBD89]. Routing
[Pal15, PSBY10]. RST [AA16].
RST-Based [AA16]. Rules
[ADW04, CDR21, PTKJ07, WZZ04].
Rumors [MK16a]. Rumour [LBC+19].

Saerens [EMS21]. Safe [JMD20]. SAGE
[SNS+05]. SALSA [LM01]. Salton
[Ano96b]. sample [SZ09]. sample-based
[SZ09]. Sampler [CJW+21]. Sampling
[CZZ+20, L2K0, CC01]. Satisfaction
[WZL+19]. scalability [KM13]. Scalable
[LGZ+18, MWYL01]. Scale
[CTH+13, LMD20, NGM17, NLF+20, SC19, VFA17, WXML3, ZNL+17, ZHC+20, CJRY12, VDK21, YKH06]. Scaling
[KW01]. Scenario [CR92]. scenarios
[FWK04]. Schema [AARC20, RR98].
Scheme [APJL20, LM90, Man07, CW02].
schemes [FS05]. Scholars [Ruh94].
Science [Kli94, NFZ19]. scientific [BM12].
Score [Cum14, SZ09]. scraps [BVK08].
Screenshots [USN+17]. SEA [CDH+09].
Seamlessly [LLW+21]. Search
[AZBC20, AC16, AC19, BACF17, BMMC19, BKWZ15, CWL+20, CSZD15, CHBS15, CCVR17, CLZ+14, DH97, GS91, GCN+19, Guy18, HYH15, HKS+21, JTS16, KMPS21, KC15, LGRK18, LYS+17, LCY21, LHG+12, LCL+17, L2M+19, L2W21, LMW+14, MT21, MLK+18, MBST17, MCL+12, MK16b, NWZ12, NFZ19, RBCT14, RCR+21, RPE+18, SLZ+19, SSGC89, TBCW20, USN+17, VDK21, VAJR21, WLY+14, WLS+17, WH15, WDG17, WZL+19, YGZ15, YDXW21, YCZ+15, ZTM+17, Z2L+21, ZML+19, AOU12, ARS03, ACM+10, AL13, BB11, BC13, BBMN+18, BM12, CZ07, CJRY12, CDZ08, CMG05, EJ03, FPS06, FGM+02, FKM+15, HSS+09, HHC+10, IH07, JBCF07, JGP+17, KM13, KKB10, Leb06, LS02, LWA08, LOP+13, MPS27, PSPBY10, SC03, Tec08, TS10, WH09, XHY09, ZHC+13, dMDssA+10].
Searcher [TBCW20, WRJ05]. searches
[GKL+07]. Searching
[Man97, ZNL+17, KZP10, LdJKR12, LMC03, SNZBY00, MC06]. Secondary [MNZ19].
Seed [LCX+19]. Seed-Guided [LCX+19].
Seeking [VKD21]. Segment [CDH+09].
Segment-enrich-annotate [CDH+09]. segments [CC05]. Selecting [DH97].
Selection [AZCC21, HXN+19, L2T+21, MC14b, PHK12, SCG+19, ACS08, CC03, Fuh99, HT99, IG08, PF03].
Selective [KC15, LGRK18]. Selectivity [BF98]. Self
[BF98, MZ96, CMG05, FBN+12, PR09].
self-correlation [PR09]. self-indexes
[FBN+12]. Self-Indexing [MZ96].
Self-Spatial [BF98]. self-supervising
[CMG05]. Semantic
[AMS20, CGB19, EMG11, LPY94, LXLZ16, MPT21, SLHS93, TG10, TM19, WXMLC13, ZHC+20, dODMS20, FCD02, Ho04, KO98, MR10, PR09, TL03, YLS+11].
semantic-multimedia [MR10]. Semantics
[SF89, WR08]. Semi [MP20, YHS+21].
Semi-Static [MP20]. Semi-supervised
[YHS+21]. Semiconductor [HE91].
semidiscrete [KO98]. Semisupervised
[HLZ09, SC03]. Sense [OG94]. Sensing
[CLZ+14]. Sensing [PGW+17]. Sensitive
[GC92, SCG+19, CS99, LBS08]. Sensitivity
[MMO21]. Sensors [FC17]. Sentence
[RCR+18]. Sentiment [ACS80, BH+16, 
HQZ17, LZG21, ZH17, dODMS20].
Sentential [FAZC12]. September 
[Cal12]. sequence [KT05]. Sequences
[HCC14, Zo06]. Sequencing [CR95].
Sequential
[FZSG21, RN96, WC21a, WMZ+21, WC21b].
SERP [RCR+21, SZ21]. SERP-based 
[RCR+21]. server [HT99]. service
[DDH9+09, FSC07]. service-based 
[DDH9+09]. ServiceFinder [FSC07].
Services [MNP+21b, JBCF07]. Session
[CML+21, RBCT14, YGZ15, QHLY20].
Session-based [QHLY20]. Sessions [SE91].
Set [PZMRN05, CM10, GMR09]. Set-based
[PZMRN05]. setting [HO07]. Shallow
[TM19]. Shards [FKS19]. Shared
[IKG93, KBGW91, LM90, ZH17]. sharing
[BCD+09, SS09]. Shell [VFA17]. Shifts
[HE91]. Short [GCN+19, LDW+17, 
LRZ+17, LYS+17, YHS+21, ZLF+17].
Short-Term [GCN+19]. Shortening
[BBT92]. Shortest [CC00]. shot
[LLZ+21]. Shots [BA18]. Sibyl [CTM12].
Side [FMSS14]. SIGIR [Cro89b]. Signal
[CDM15]. Signature
[BA18, CZ93, LL89, LR96, ZRT91, CHS99].
Signature-Based [BA18]. signatures
[PPGK04, Zob06]. Signed [CXZ+21].
SIMD [ZZL+15]. SIMD-Based [ZZL+15].
similarities [KKB10]. Similarity
[BA18, CWZ+20b, CWZ+20a, GR95, MO12, 
MK16b, ZLL+20, ZTM+17]. AC08, ARS03, 
Co00, EKK99, GGMW03, MC10b, 
SPKW11, WMZ10]. Simple
[OOSC93, PCD92]. Simulation
[SGLS93, VHJC11]. Simulation-Based 
[VHJC11]. simulations [WRJ05]. singer
[SSCT09]. Single [Kwo90, WX10]. Site
[AKFA15, IM05]. Sites [AZK12]. Size
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Tendency
[SMN+16]

Tensors
[LCJ16, LJJ17, LCJ19]

Term
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Terms
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Car12, HHWL01

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Li:2021:SUA


Liu:2021:ABD


Lee:1990:PSV


Lempel:2001:SSA


Li:2020:MME

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**Liang:2017:IDU**


**Lempel:2002:PPA**


**Lee:2006:UEF**


**Luz:2012:NSP**


**Liu:2020:FDN**


**Lin:2008:TAF**


**Liu:2021:TCU**

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Li:2010:LCG


Luo:2016:MSU


Liu:2017:TAC


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Morrissey:1990:IIU


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Macdonald:2011:UBA


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Nguyen:2017:SIS

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(Olson:1989:WHC)

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Qiu:2020:ECS


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