Title word cross-reference


100-year [Gla04, GL05].


3D [ABW93]. 3DIS [AM89].

5s [GFWK04].

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

Abstraction [FP94]. Accelerating [ZZL+15]. Access
[Gla97, RS97, WS90, BFF+03, CDR10].

Accesses [CZ93]. accessibility [CDH+09].

Accessing [Dun97]. Accounting [MK16b].

Accuracy [ES13, JGP+07].

Acknowledgment [Ano95]. ACM [All89, All91]. Acoustic [MO12].

Acquisition [BWS+17]. across
[HI07, TLKW16]. Act [CW94, KM97].

actions [YHYO01]. Active
[CZZ+17, WHFG92, DEL+00, HJZL09].

Activities [LAL+17]. Activity [CHB15].

Ad [CGM05, KL09]. adaptation [CBZ11].
[AC18, BWS+17, CS16, GXTL14, GCH+19, LJHL17, LXW+17, MJH15, TQH15, WQL+19, YZW+17, ZGCC18, IG08, WLFT18, YCZ+15, ZWR19, FFM17].

**AZFin** [SC09].

**Badge** [WHFG92]. balance [PSPBY10].

**Based** [APCC15, AKFA15, AK18, AOK14, AA16, BCFG15, BC14, BA18, CGB19, CE89, CFP95, CW94, CDM15, EMG11, Fu589, GPS93, GCC12, GR96, IC16, JVA+15, Koi95, Kwo90, LCJ+16, LPY94, LCL+17, LGQL19, LCJ+19, NWZC12, PP013, PGW+17, PR16, QLNY19, QFZ+19, Res93, SC19, Sav12, SSS17, SE91, SSGC89, SF89, SFR98, TBC96, Tuz95, VIJC11, WLY+14, Won94, XC98, YW15, YC94, YHY+17, ZZZ+17, ZZZ+16, dMDsD+18, ADCU08, AV02, BBD11, CC01, CDH+09, Car12, CZ07, CL06, CC09, CS010, CO05, Coo00, DK04, DDH+09, EKK99, EKK00, FBN+12, FCD02, FG04, HHWL01, HHC+10, IH07, JK02, KNS04, LBS08, LLBS18, Lin07, LHSC11, MPS07, MC10b, Owe02, PTKJ07, PZMR05, QZXP06, S09, TM10, WS90, WM05, XHW+19, YKH06, ZKG08, ZRZ02, dOT011]. Baseline [AA16].


Benchmarking [AOK14, WSB01].

Beneath [KL00, PR04]. Bennett [Gr92].

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

Best-Match [SW90]. between [MTK92].

Bias [FN96, PHK12]. biased [MZ08].

Biases [WH15]. Bidirectional [MTK92].

Big [DCT+17, SSY+17]. Billion [ZNL+17].

Billion-Scale [ZNL+17].

Biomedical [YKH06]. block [CHS99].

Blocks [FC91]. blogosphere [CSJS10].


Boosting [CZJ+16, FPS01, CBZ11]. both [WZ94].

bound [MOT11]. Bounded [HSS+09].

Breaking [MK16a, SC09]. broadcast [LS06].

Broker [TGL+97]. Brotli [AFF+19].

Browse-to-Search [LMW+14]. Browsing [CS94, SF89, SFR98, Yan15, BKGM+02, MC06].

Budget [ZAL+16]. Budgets [NGMD17].

Building [DLW09].

Burst [HZW02]. business [KL00]. Buttons [Bie92].

C [PBF+89]. C-TODOS [PBF+89]. Cache [WLY+14].

caching [PSPBY10, FPS01].

Can [FC17]. cancer [SNS+05].

candidate [AL13]. capacity [PSPBY10].

Captions [GR96]. Capture [RSG97].

Capturing [HS93].

card [BS03]. Carlo [LCL+17].

Cascading [TQH15].

Case [HE91, WW94, Lux12, Gu96, MC10b].

Casual [LLC03].

Cat [BWS+17].

Cat-Mobile [BWS+17]. Categorical [QFZ+19].

Categories [CZJ+16, BBD11].

Categorization [ADW94, LPY94, YC94, CS99, GWLC06].

Category [CCC+12]. Causal [ZJT16].

CBMIR [APCC15].

CD [KBD89].

CD-ROM [KBD89].

chains [AL13].

Change [CZJ+17, YGZ15].

changed [LHSC11].

Changes [MK16b].

Channel [LPLH19].

Characteristics [CL18, Guy18].

characterization [CSJS10].

Charter [An04b].

Check [YCZ+16].

Check-in [YCZ+16].

Checking [SFR98].

Chemical [SMG11].

Chimera [ATW00].

Claims [CR92].

CLAIRE [TMT06].

Class [COR13, PYC+19, GCT99].

Classical [Ruh94].

Classification [CZJ+17, COR13, DG95, ES13, EMS19].
Classiﬁcation-aware [IG08], classiﬁer [GWLC06], Click [LXW+17, MCL+12, LWSA10], clicks [JGP+07]. Clipping [USN+17]. Close [OOSC93, YWYL08].
Cluster [LGRK18, ADCU08, HHC+10]. cluster-based [ADCU08, HHC+10]. cluster-skipping [ADCU08]. Clustered [PV17]. Clustering [Can93, LRZ+17, TM10, CL06, KM13, MLDGH04, TG10, WNZ02, ZFL+07].
[BHMW07], Continuity [RRS95].
Continuous-Time [GRSD+16].
contribution [WW10]. Control
[Bul95, Gla97, HLNS98, BFF+03, Mar08a].
Controlling [Koi95]. Conversational
[BWS+17]. Converting [Rad92].
Conocurrence [XC98]. Cooperative
[FLMM91, MLF95, Won94]. coordinate
[HSS+09]. Copy [AOK14, TQH15]. CORE
[EGL+97]. corpora [RZCG+10]. Corpus
[KLHK13, XC98, GWR99, TLJ+07, YKHW06]. Corpus-Based
[XC98, YKHW06]. correct [PTKJ07].
correction [DM07]. Correlation
[Far17, LHSC11, PR99, PZMRN05].
Correlation-based [LHSC11, PZMRN05].
Cost [GXTL14, MCF+17]. Cost-Aware
[GXTL14]. Cost-Effective [MCF+17].
Costs [OSV19], course [PGVM11].
Coverage [EJ03]. Covering [ABB+15],
crawl [PS05], crawler [AAGY01].
Crawlers [FAZC12]. crawling [TM10].
Creating [TLJ+07]. CrimeNet [XC05].
criminal [XC05]. Criteria [Row96].
Critical [NCZG14, RJB89]. criticism
[TL03]. Critiquing [FLMM91]. Cross
[CHN+17, EMS19, HYH15, JTS16, TL14, GNN+10, PTS13, TLJ+07]. Cross-Device
[HYH15]. cross-domain [PTS13].
Cross-Language [TL14, TLJ+07].
Cross-Lingual [EMS19, JTS16, GNN+10].
Cross-Platform [CHN+17].
Crowdsourcing
[BWS+17, MMST17, SC19]. CSCW
[Res93]. Cumulated [JK02, KL06].
Curious [BWS+17]. Current [Ols89].
Customer [PR16]. Customizing [RS97].
Cyberchondria [WH09]. cyberspace
[AC08]. Cycle [CR92].

D [NCZG14]. D-Critical [NCZG14].
DAIDA [JMSV92]. Danish [ANW17].
Data [AFF+19, Coh00, FC17, GC92, VST+14, MTKY92, NFZ19, QFZ+19, SLHS93, SSY+17, SYX+17, TGL+97, Tom89, WZC+17, WS90, ZWRL19, ZZZ+16, BGQT07, BJS99, CDF01, CGM02, FPS06, HZW02, KZP10, PSDB09, QZXP06, ZCD06].
Database [BBT92, FR97, ISW92, KBGW91, KN93, SÖ90, Tom89, VB98, BFF+03, CC03, Fuh99, IG08]. Databases
[CH96, KBGW91, KC95, MK94, NB97, BSST03, CC01, EKK99, EK00, GWR99, GIS03, KZSD09, LL99, MS01, SSSC09].
Datasets [PV19, CL06]. DBface [KN93].
DBpedia [LCL+17]. DBpedia-Based
[WLWK08]. Decomposition
[VFA17, KO98]. Decoupled [SGLS93].
Deductive [KC95]. Deep [LCL+19],
RCR+18, SSY+17, TM19, XHW+19, YW15].
DeepMob [SSY+17]. Defined [BBT92].
definitional [CK07]. Delay [GC92].
delivery [LSOS06]. Demographic
[DCT+17]. Dependable [DC10].
dependencies [BSV09]. Dependency
[BLWJ15, QWZ+15, YW15]. dependent
[CDR10, MSOH13, TFS+12]. Derivation
[GH96]. Deriving [LAL+17]. Descriptive
[GR96, NZW+14]. Design
[BB93, CMR91, CR92, CW94, ERG+89, GPS93, GR95, ISW92, IJK93, LL89, Mos90, OOSC93, PBF+89, SIZ93, WLY+14, AAGY01, BSST03, FCD02, GWLC06, IM05, RR98].
Design-Evaluation [ERG+89]. Designing
[KN93]. Designs [HSH90]. Desktop
[WDG17, CDZ08]. Detachment [YTD13].
details [ES98]. Detect [ZAL+16].
Detecting [AZK12, LHG+12]. Detection
[AOK14, BA18, CTH+13, MCF+17, QWZ+15, TQH15, ZJT16, Zob06, AC08, CCC09, CFGM02, TFS+12, WKF+12].
Developing [WBB+90]. Development
[Cro89b, Gru92, RN96, SS93, WL97, ATW00, FP00]. Device [HYH15, RSG09].
English [ANW17]. Enhanced [BR96].
Enhancing [CDH’09]. Enriching [KLHK13].
Enrichment [SPS’06]. Ensemble [EMS19].
Ensembles [DLN’16]. Enterprises [CH96].
Entities [LMW’14]. Entity [CFC’19].
Entropy [GP00]. Environments [ATW00].
Environment [AM89, JMSV92, KMK’09, LZ’96, SS’93, WL’97, Cro’06].
Envoys [PYF’92]. equalizing [TkWW99].
Equalities [PTKJ07]. Error [DM07, MPH’03]. Escalation [WH’09].
LCX^{+19}, MNZ19, MMLP97, PYC^{+19}, WHL^{+16}, XHW^{+19}, DC10, HKTR04, HoI04, HCZ04, IH07, TKD09, WdVR08, ZKG08.


Heterogeneous [EMS19, HCC^{+16}, PYC^{+19}, SSY^{+17}, TLKW16, ATW00, CGMP99, Leh06]. hidden [GIS03, IG08, JZ06]. hidden-web [IG08, GIS03]. Hierarchical [CS94, BFF^{+03}, GGMW03]. Hierarchies [BRS92, LM90]. Hierarchy [Yan15]. High [BS12, DC92, FC91, LJHL17, OS96, RL94].
High-Level \cite{DC92, OS96}. High-Order \cite{LJHL17, WZW+19, HZSL13}.
High-performance \cite{BS12}.
High-Precision \cite{RL94}.
High-Order \cite{KM13, MWYL01}.
Hilbert \cite{CCVR17}.
Historical \cite{TP05, FPSO06}.
HMM \cite{CC09}.
HMM-based \cite{CCC09}.
Hoc \cite{CGM05, KL09}.
Home \cite{Ols89, UCH03}.
Human \cite{All91, BHH+16, Jac91, NFZ19, SSY+17, SZ93, Wil98, ZZZ+16, GKL+07}.
Human-Computer \cite{Jac91, SZ93}.
HYB \cite{Ols89}.
Hypothesis \cite{BHH+16}.
Hyper \cite{HO07, SM99}.
hyperobject \cite{SM99}.
hyper-parameters \cite{HO07}.
Hyperdocuments \cite{SFR98}.
Hyperform \cite{WL97}.
Hypergraph \cite{WS90}.
Hypergraph-based \cite{WL97}.
hyperlinks \cite{KL10, LS02}.
Hypermedia \cite{Bu95, HLNS98, LZ96, MC94, SLHS93, UY99, WL97, ATW00, BMW07, dOTM01}.
Hypertext \cite{CE89, GP93, KL91, Rad92, STSM95, SF89, Tom89, WR98}.
Hypertext-Based \cite{CE89}.

Identification \cite{AC08, PTKJ07, SSCT09}.
Identify \cite{PHK12}.
Identifying \cite{BR92, MJH15, SMGM11}.
Identity \cite{AC08}.
identity-level \cite{AC08}.
IDF \cite{SHN17, LWLK08}.
Image \cite{CLZ+14, GR95, NWZC12, SLZ+19, VB98, WZL+19, CJZ07, EKK99, EKK00, HJZL09, KKS+08, TMT06, ZCD06, ZRZ02}.
Images \cite{CCZ+19, GR96}.
Impact \cite{BACF71, EJ03, SV99, TkWW99}.
Impacts \cite{JYM13}.
imperfect \cite{Owe02}.

Implementation \cite{CW94, KEL95, TGL+97, WW94}.
Implementing \cite{DC92}.
Implicit \cite{NSV18, FKM+05, JGP+07, WRJV05}.
Imprecise \cite{Mor90}.
Improve \cite{HL17, HCC+16, FKM+05, LLC03}.
Improved \cite{BMM+08, CCVR17, CPL15, FMSS14, CDH+09}.
Improvement \cite{GS91}.
Improving \cite{CRG02, ES13, HCC+17, MZLK11, MC10b, RBCT14, XCO00, PPGK04}.

Incremental \cite{ADC08, Can93, SM99, PSPBY10, TM10}.
Index \cite{TFS'+12, UCH03}.
Indices \cite{CH95}.
Index-Based \cite{BC14}.
Indexing \cite{FB91, HCC14, MZ96, STSM95, SMGM11, WXLC13, ZNL+17, CM10, EKK00, HSS+09, KO98, QZXP06, TKD09, TMT06}.
Indices \cite{PR16}.
Induced \cite{NCHW15}.
Inductive \cite{FP94}.
Industry \cite{HE91}.
Infer \cite{TLKW16}.
Inference \cite{Cum14, HGBY16, TC91, WY05, ZZZ+16, TL03}.
Inferring \cite{GZW+18, LRZ+17}.
Influence \cite{GRSD+16, LLSB18, NGMD17, VFA17, WLFT18}.
Influencing \cite{ACC18}.
Information \cite{AM89, APCC15, All89, Ano94a, ACC18, BVKS08, BK90, CE89, Can93, CCC+12, CHBS15, Coo95, CV98, Cro98, CPL15, EMG11, FTZ11, FMSS14, FCDH91, FAZC12, FP94, FR97, JMSV92, JVA+15, JSHS96, Koi95, KC95, KC92, Kwo90, Kwo95, LCJ+16, LZM+19, LZ96, MZLK11, MMST17, MFK91, MH99, Mor90, MMLP97, MBJK90, Na15, OS96, OG94, PB+16, PR04, PSL16, RSS95, RL94, RN96, RP98, Row96, Ruh94, RS97, SL95, SM95, THT12, TKD09, TL14, VdRK18, VSS17, WW94, WY95, YTD13, ZHY14, ASST05, AV02, BCD+08, BBMN+08, BDO4, CML10, CRNZ+03, CMRB01, Car12, CGMP99, Col00, CGM02, FG04, GBMS99, HT99, HO07, HZSL13, KmdRS06, KKS+08, KNS04, KO98, KL09, LBS08, LA08, MR10, MC10a, Mel08, MC10b, Owe02, PMPJ11, PPGK04}.
methodologies [SLZ+19].

Methods [APCC15, AK18, CSZD15, DLJ15, GCC12, HT99, HWD13, MC94, CS99, SS08, TFS+12, ZL04, dMdSsdA+08].

Metrics [CCVR17, ES98, ARSZ03].

Microblogging [GLC06].

Minimal [FCDH91].

Minimum [Yan15].

Mining [HL17, HZSL13, HHC+10, KLHK13, WLS+17, YHS+12, ZH17, LCH07, LCL04, WZZ04].

Misidentified [Coo95].

Misinformation [ZAL+16].

Mixed [KKS+08]. Mixed-initiative [KKS+08].

MMALFM [CCZ+19].

Mneme [Mos90].

Mobile [AK18, BWS+17, DCT+17, Guy18, HYH15, HL17, Lal+17, USN+17, WLS+17, WLG+17, WDG17, YSZ+17, YZW+17].

Mobility [HJZL09].

Mode [CZZ+17, CH96, CDM+15, CPL15, FP00, GPS93, KMK92, LCX+17, LXW+17, MO12, MMLP97, Mye90, NB97, PL94, RN96, SFR98, TBC96, Tom89, TC91, WS90, YGZ15, ZZZ+16, AF07, BFF+03, GFWK04, LLPT10, PZMRN05, RR98, SS08, TDK09, XHYY09, YLS+11, dOTM01].

Model-Assisted [CH96].

Model-Based [TBC96].

Model-driven [FP00].

Modeling [BHH+16, BLWJ15, BKR97, CHN+17, Coo95, DCT+17, GCH+19, Guu96, GCN+19, ISL95, LDW+17, LZG+18, LLB18, RPE+18, SHS93, SG14, WXLC13, WY95, XCG13, YGZ15, YSZ+17, YE18, YCZ+16, ZHY14, ZH17, BB11, PG07, RSD+13].

Models [Cun14, DL16, FTZ11, QWZ+15, AV02, Bod04, CKC07, GP00, Hpo04, JZ06, KSNM10, KL09, KL10, LA08, MSOH13, RZCG+10, WdVR08, WRJ05, ZL04].

modes [H07].

Monitoring [CTH+13].

Monte Carlo [LCL+17].

Morphological [CMR91, CGB+15].

Movements [Jac91].

Movie [KEL95].

MR [GSL93].

MUADDIB [RSG09].

Multi-Field [GBZ+19].

Multi-objective [C92].

Multi-view-based [LGQ19].

Multidimensional [GH96, ASST05, QZXP06].

multidisciplinary [Luz12].

Multidocument [MLDG04, YW15].

Multilevel [MMLP97].

Multilingual [BBF03, CKC07, GP00, Hof04, JZ06, KSNM10, KL09, KL10, LA08, MSOH13].

Multimodal [Car12, CH96, FC17, FFM17, LPY94, MC14a, MK94, NGMD17, SMN+16, Wil98, ACS08, CRG02, GWR09, MSOH13].

Multiuser [DC92].

multivariate [LA08].

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

MWI [BCFG15].

Multidocument [MLDG04, YW15].

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

Near-optimal [NGMD17].

nearest [KZP10].

needs [KMdRS06].

Negative [Mar94, WZZ04].

Negotiation [CW94, LWA08].

neighbor [KZP10].

nearby [WX10].

Nested [PL94].

Nested_Graph [PL94].

Net [SF89].

Network [Kwo95, MAL16, YSZ+17, FCD02, LLPT10, XCO5].

network-based [FCD02].

Network-based [FCD02].
Networks [TC91]. Networked [Fuh99, PSDB99].


Object [AM89, GSR96, JSHS96, KBGW91, MH89, Mos90, Sci89, SO90, SM99]. Object-Oriented [AM89, GSR96, JSHS96, KBGW91, SO90].


Optimum [Fuh89]. Oracle [NWZC12].

Order [FCDH91, LJHL17, WZW19, HZSL13].

Ordered [QXP06]. Organization [HE91].

Organizational [Ack98, BB93, KL00].

Organizations [CZ93, OG94]. Organizing [HDPM08]. Orientation [UY89, TL03].


Paper [LCPD19]. paradigm [CDH09].

paradox [KM13]. Parallelism [MKF91].

Parallelization [PGW17]. Parallelized [YHS12]. parameters [B0d04, HO07].


Participant [LLBS18]. Partitioned [CZ93, LL89, LR96]. Partitioning [ZRT91, QXP06]. Passage [TM19, KZSD99, KKB10]. passages [JZ06].


Peer-to-Peer [THT12, CGM02, CGM05, KNS04]. people [Tee08]. Perceptual [AC19]. Perfect [FCDH91].

Performance [ABW93, Cum14, FKS19, GH96, LL89, MPH03, NWZC12, RJB89, SKC12, SKC16, BS12, CML00, FP006, KFS10, PF03].

Permission [WLG17]. Perseus [MC94].

persistence [PPGK04]. Persistent [Mos90].

Personal [GZW18, BCD08, BBMN08, BVKS08, HDPM08, MKR04, MC10b, SS08].

Philosophy [DC10]. Phone [Res93]. Phone-Based [Res93]. phrase [WZB04].

Physical [ISL95, WNS+17, YTD13, BSST03]. PIC [GCT99]. PicASHOW [LS02]. Pictorial [MTKY92, LS02]. Piggyback [CFC+19].

Placement [FC91]. places [ZFL+07]. Placing [FGM+02]. Platform [CHN+17].

Plus [SS93]. PocketLens [MKR04]. POI [QLNY19, ZLW16]. Point [AC18, LJHL17, YCY+16].

Point-of-Interest [LJHL17, YCY+16]. Points [AK18]. Points-of-Interest [AK18].

Pointwise [IC16]. Pólya [CPL15].


Practical [Non13, CC05]. praise [TL03].

Precision [PGD07, RJJ89, RL94, MZ08].


Presentation [LGRK18, BOS04].

Preservation [GR12]. preserve [CGM02]. Preserving [FCDDH91]. preview [PSDB99].


Probabilistic [AV02, BB10, Coo95, DL16, FB91, FP94, FR97, KSNM10, Kwo90, Kwo95, MHZ16, MO12, WY15, ZHY14, ZZZ+16, GCT99, GP00, WYLY08].

Probability [CV98, FC91, Fuh89, DWLW09]. Probe [WZC+17]. Problem [FLMM91, HCZ04, WTS+08, WW10].


Processes [LBC+19, SM95, KL00].

Processing [Can93, KM97, SÖ90, ZLF+17, BS12]. Product [GCN+19, QFZ+19, ZJT16].

Product-Based [QFZ+19]. Professionals [Ols89]. Profile [AKFA15, FC17].

Profile-Based [AKFA15]. profiles [CCC09, JD07]. profiling [MSR04, SNS+05].

Program [JVA+15]. Programming [BR96]. Project [EGL+97, MC94].

promotes [KKS+08]. Propagating [MK16a]. Propagation [WBP+16, ZM14].


Proximity-Based [GCC12]. proxy [HHWL01]. proxy-based [HHWL01].

QProber [GIS03]. Qualitative [BDS04, MC14b]. Quality [HCC+17].

Quantitative [MC14b, ZGN+17]. Queries [CFC+19, Guy18, SÖ90, ZLF+17, ZGCC18, BGQT07, BJL+07, BS12, CGMP99, CDF01].
Query [ABR+15, BBM11, BLWJ15, CRD16, CC01, CH96, Cun14, GS91, JTS16, MC14a, MK94, NB97, PPR13, SW94, SPS+06, SKC+12, SKC16, SÖ00, UCH03, WNZ02, YGZ15, AO12, BJL+07, Bod04, CdMRB01, CL03, DM07, EJ03, FPS06, FG04, GNN+10, GWR99, GCT99, JGP+07, KMDRS06, LWSA10, Ll99, LOP+13, MSOH13, PSBD99, TFS+12, TKD09, XC13, YWY08].

Query-By-Example [TFS+12].

Query-Dependent [MSOH13].

Query-Independent [UCH03].

Querying [MS01, WZB04].

Question [CC+12, HWN+19, MAL16, PKH12, TMI9, CMT12, CKC07, KSNM10, KEW01, Lin07, MPH03].

Question-Answer [CC+12].

Question-Answering [TM19, CMT12, KSNM10].

Question-Oriented [HW+19].

Questions [AA16, NZW+14, Pal15].

Quote [TFL18].

QuoteRec [TFL18].

Radically [MLF95].

Random [IC16, LCL+17].

Random-Forest-Based [IC16].

Randomly [FC91].

Randomness [AV02].

Rank [DMUN19, IC16, MZ08, PYC+19, SGC+19, BM02, DWLW09].

Rank-Biased [MZO8].

Ranked [HCC14].

Ranking [CBZ11, DLN+16, FHW+19, Fu89, LR96, SMGM11, WHL+16, CRG02, CC00, CDZ08, DWLW09, EJ03, KZSD99, KSNM10, PZMR05].

Ranking-Oriented [WHL+16].

Rankings [WZZ10].

Rapidly [WBB+09].

Rate [ANW17].

Rating [YZW+17, WdVR08].

Ratings [CHN+17, CDR10].

Raw [GZW+18].

Re [SBM+17].

Re-Finding [SBM+17].

Readable [LPY94].

Reading [BHH+16].

Real [SYX+17, YCZ+16, ZLW16, AL13, HSS+09].

Real-Time [SYX+17, YCZ+16, AL13, HSS+09].

Real-World [ZLW16].

Reality [FZC93, SLG+93].

Realizations [DC10].

Reappraisal [BB93].

Recall [RJB89, Web13, PGD07, Tee08].

Recency [MCL+12].

Recognition [PTS13].

Recognize [Tee08].

Recommend [NZW+14].

Recommendation [AYZ12, AC18, BKWZ15, CHN+17, CJD+16, CZX+19, CS16, CCZ+19, FMS14, GCH+19, HCC+16, LJHL17, LZG+18, LBL18, LPLH19, LCJ+19, MYH11, PVM11, QLNY19, SC19, S5S17, TWLX18, WQL+19, XHW+19, YZW+17, YCZ+16, YCZ+15, ZL16, DKO4, H07].

Recommendations [GXTL14, HL17, HCC+17, LCPD19].

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Redundancy-Based [Lin07].

Redundant [ROW96].

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Reference [SKC16].

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Relational [FHW+19, FR97, BJS99].

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Relevance [Bod04, DL15, DUN97, MMS17, MC14a, MYH11, MHZ16, RBC14, WII08, E03, PTL03, WDVR08, WLW08, ZCD06].

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Reporter [ZKG08].

Report-Based [ZKG08].

Reporters [ZKG08].

Repository [CTH+13, YHY001].

Representation [HS90, PL94, QLNY19, RS93, WQL+19].
Coh00, KL00]. **Representations** [Ruh94, TL14]. **Representative** [SZS17]. **Representative-Based** [SZS17]. **Representing** [HSH93, MBJK90]. reputation [ZKG08]. **Requests** [ACC18]. **Reranking** [LCPD19, LZM+19, TM19, HHC+10, KKB10, KL10, MC10b]. **Research** [Cropp08b]. Resource [MC14b, AAGY01]. **Response** [BACF17, QFZ+19, Wie92]. **Responsible** [WBP+16]. **Responsiveness** [OSV19]. **Result** [LYS+17, LZM+19, WDG17, SZ09]. **Results** [LGRK18, MC94, MCL+12, BM12, EJ03, FPSO06, HHC+10, KKB10, SC03, Tee08]. **Retrieval** [ABB+15, CE89, CCC+12, CFP95, CR95, Coo95, CDM15, CV98, CPL15, DL15, DMUN19, EMG11, FTZ11, FKS19, FCDH91, Fuh89, FP94, FR97, GC92, GCC12, GR95, GR96, HCC14, JYM13, KBD89, KC92, Kwo90, Kwo95, LZ96, MMST17, MKF91, MH89, MO12, MZ96, Na15, PSL16, RJB89, RRS95, Row96, SW90, SL95, TBC96, THT12, TL14, TC91, VHCJ11, VdRK18, VSS17, WY95, YC94, ZNL+17, ZHY14, ADCU08, AV02, BYFM06, CML00, CRG02, Car12, CSLN10, CCO0, Cro06, DM07, EK990, GF04, GM90, HO07, HJZL09, HZSL13, HCV20, KLO6, KNS04, KO98, KL09, LBS08, LHSC11, LA08, MR10, MLGDH04, Mel08, MZ08, PMPJ11, PMD01, PRP05, PH07, PGD07, PTL08, SV99, TLJ+07, TKD09, WI05, WSB01, XC00, YLS+11, YYW08, ZL04, ZC0D, ZRZ02, Cro09b]. **Retrieved** [FC91, KFS10]. **reuse** [Tee08]. **Review** [GCH+19, OSV19, Mar08a]. **Review-Aware** [GCH+19]. **Reviewer** [Mar08a]. **Reviewers** [Cal12, Mar06, Mar07, Mar08b, ACM03]. **Reviews** [CCZ+19, ZJT16]. **revision** [LBS08]. **Revisited** [MNW98, FGM+02]. **rewriting** [CGMP99]. **Rich** [Ruh94]. **Risk** [SCG+19]. **Risk-Sensitive** [SCG+19]. **Road** [ZGCC18]. **Robust** [PPPR13, SZ09, EKK99, GWLC06]. **Role** [FLMM91, Koi93, Ruh94]. **Roles** [GSR96]. **ROM** [KBD89]. **Routing** [Pal15, PSPBY10]. **RST** [AA16]. **RST-Based** [AA16]. **Rules** [ACC18]. **Review-Aware** [GCH+19]. **Reviewer** [Mar08a]. **Reviews** [CCZ+19, ZJT16]. **revision** [LBS08]. **Revisited** [MNW98, FGM+02]. **rewriting** [CGMP99]. **Rich** [Ruh94]. **Risk** [SCG+19]. **Risk-Sensitive** [SCG+19]. **Road** [ZGCC18]. **Robust** [PPPR13, SZ09, EKK99, GWLC06]. **Role** [FLMM91, Koi93, Ruh94]. **Roles** [GSR96]. **ROM** [KBD89]. **Routing** [Pal15, PSPBY10]. **RST** [AA16]. **RST-Based** [AA16]. **Rules** [ADW94, PTKJ07, WZZ04]. **Rumors** [MK16a]. **Rumour** [LBC+19]. **SAGE** [SNS+05]. **SALSA** [LM01]. **Salton** [Ano96b]. **sample** [SZ09]. **sample-based** [SZ09]. **sampling** [CC01]. **Satisfaction** [WZL+19]. **scalability** [KM13]. **Scalable** [CTH+13, NGMD17, SC19, VFA17, WXLC13, ZNL+17, CJRY12, YKHW06]. **Scale** [KEW01]. **Scenario** [CR92]. **scenarios** [GFWK04]. **schema** [RR98]. **Schema** [LM90, Man97, CW02]. **schema** [GFWK04]. **Scienced** [BM12]. **Score** [Crum14, SZ09]. **scrap** [BVKS08]. **Screenshots** [USN+17]. **SEA** [CDH+09]. **Search** [AC16, AC19, BACF17, BKWZ15, CSZD15, CHBS15, CCVR17, CLZ+14, DH97, GS91, GSN+19, Guy18, HY15, JTS16, KC15, LGRK18, LYS+17, LHG+12, LCL+17, LZM+19, LWL+14, MLK+18, MBST17, MCL+12, MK16b, NWZC12, NFZ19, RBCT14, REP+18, SLZ+19, SSGC89, USN+17, WLY+14, WLS+17, WH15, WDGL17, WZL+19, YGZ15, YCZ+15, ZTM+17, AOU12, ARSZ03, ACM+02, AL13, BBD11, BC13, BMMN+08, BM12, CJ07, CJRY12, CDZ08, CGM05, EJ03, FPSO06, FGM+02, KFM+05, HSS+09, HHC+10, IH07, JBCF07, JGP+07, KM13, KKB10, Le06, LS02, LWA08, LOP+13, MPS07, PPSY10, SC03, Tee08, TS10, WH09, XHYY09, ZHC+13, dMdSsdA+08]. **searcher** [WRJV05]. **searches** [GKL+07]. **Searching** [Man97, ZNL+17, KZP10, LDJKR12, LL03, SNZY00, MC06]. **Secondary** [MNZ19]. **Seed** [LCX+19]. **Seed-Guided** [LCX+19]. **Segment**
[BKWZ15, Cro89a, Kli94, LdJKR12, PBJ+16, SL95, WLS+17, BYFM06].

Specialization [Sci89]. Specific
[Sav12, VL90, CC03, DEL+00, YLS+11].

Specifications [HM90, JSHS96, OS96].

Specifying [Tuz95]. Spectrum
[NGMD17]. Speech
[CW94, KM97, LdJKR12]. Speed [AC19].

Spidering [FAZC12]. Spoken
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Spreadsheet [ISL95]. SSD
[WLY+14]. SSD-Based
[WLY+14]. Stability [AZ12].

Standards [Gru92]. Start
[HCC+16, SZS17]. statechart [dOTM01].

statechart-based [dOTM01]. Static
[AOU12, BB10, GL06]. Statistical
[CSLN10, TL14, Car12], statistics
[CFGM02]. status [TkWW99]. Stemming
[PPPR13, XC09, PMPJ11]. Stepped
[VFA17]. STEvent [LLPT10]. Stochastic
[ABB+15, LM01]. Stock
[FHW+19, LCJ+16, SC09]. Storage
[GC92].

Store [Mos90]. Storing [KBD89]. Storm
[JTL+17]. Strategy [WW94]. Stream
[CTh+13, ZLF+17]. Streams
[GFWK04, LRZ+17, LYS+17, WLFT18].

Strength [ZZZ+16]. string [HzW02].
stripper [MMP+07]. Structural
[BR92, JYM13, KL10]. Structure
[COR13, LZM+19, MH89, NB97, SF89, GGMW03, HZW02, LM01, Luz12].

Structured [BB93, GZC89, WR98, BDS04, Cro06, LL99, PGD07]. Structures
[TGL+97, TM19, BHMW07, GFWK04].

Structuring [HSH93]. studies
[MC10b, WH09]. Study [Ack98, CV98, Fks19, VHJC11, WW94, WLY+14, ZL04].

Studying [KM13]. stylometric [AC08].

Subspace [PR16]. substrate [SM99].
substring [CC00]. Substrings [NCZG14].

Substructure [YW15]. Substructure-Based
[YW15]. Suffix
[NCZG14, MMP+07, Non13]. Suffixes
[NCHW15]. Suggesting [AK18].
suggestions [GNN+10]. SUIT [PCD92].

Sun [BCFG15]. summaries [BGQT07].

Summarisation [AKFA15]. Summarization
[CB19, MSMO18, RCR+18, YW15, BKGM+02, HL10, MLDGH04, WX10].

Summarizer [BCFG15]. Summarizing
[BM12]. Summary [MC06]. SuperBook
[ERG+89]. supervised [CL07].

SuperBook [AKFA15]. Support
[AVS91, KN97, MK16a, TkWW99, TMT06].

Supporting
[Bie92, Bul95, HYH15, KBGW91, RSG09].
surface [KL00]. surrogates [KKS+08].

SVM [HJZL09]. SWIM [VFA17]. Swipe
[NSVB18]. Synchronization [RRS95].

Syntactic
[HZQ17, MH89, TM19].

Syntactic/Semantic
[CM14a]. System [CE89, CFP95, CH96, CR95, DMUN19, JTL+17, KEL95, KBGW91, LCJ+19, MMLP97, OS96, PBF+89, RJB89, SSGC89, WHFG92, WL97, YHY+17, YCS+14, CGMP99, CTM12, CC03, FP00, GL06, GIS03, HSS+09, IH07, KFS10, KNS04, LBS06, LL99, MRR04, MPH03, RR98, RSG09, SC09, TkWW99, TMT06, ZKG08]. Systems
[AVS91, CP13, FN96, FR97, GSR96, GH96, JMSV92, JSHS96, KM97, KBD89, LZ96, MZLK11, MJH15, Mor90, MBJK00, RN96, SC19, SÖ90, Tom89, TM19, WW94, WZW+19, Won94, ZGN+17, ZH+19, ZZH+18, ASST05, BJS99, BFF+03, Car12, DEL+00, HKTR04, IH07, Kon04, Mar08a, MSR04, PVGM11, PR04, PSDB99, SS08, WMM05, All19]. systems-based [Car12].

Tables [CS94, BM12]. Tablets [NSVB18].

Tactics [SSGC89]. TAE [SS93]. Tagging
[CP13, SS11]. Tags
[MO12, NZW+14, CDR10]. Tail [HCC+17].

Tailorable [MLF95]. Tank [AWB93].

Target [ACC18]. Targeted

Unexplored [CZ16]. Unidraw [VL90].


Usage-Based [VHJC11]. Use [CW94, Jac91, LM90, WLG+17, ARSZ03, LLC03].

Useful [BRS92]. User [ACC18, BACF17, CJZ+16, CL18, CHBS15, DC92, DCT+17, HSH90, HCC+16, HM90, LSOS06, LCPD19, LRZ+17, LAL+17, MR92, MLK+18, MYHL11, MBST17, MAL16, MCL+12, NSB18, Pa91, PCD92, QFZ+19, SE91, SS93, WZ+19, Wie92, WQL+19, WZL+19, XHY99, YE18, YCY+16, CZJ+70, CC03, DEL+00, KFS10, MSR04, PCD07, WNZ02].

User-Item [WQL+19]. User-Oriented [HSH90]. user-specific [DEL+00]. Users [HCC+17, LPY94, YCY+15].

Using [AZK12, APCC15, BF98, CE89, CGB+15, DH97, EMG11, FKS19, HL10, VST+14, LCPD19, NSVB18, NCZG14, RS93, Row96, SKC16, Tuz95, VSS17, XCH93, ASST05, ADUC08, BJL+07, BM02, BKG+02, CML00, CC09, Coh00, JZ06, KL10, LPLH19, PRP05, PH07, RBV09, SC09, SZ09, WNZ02, WRJ05, XCh13, ZCD06, Zob06].


Virtual [APCC15, BA18, LZW+19, LMW+14, LZW+16]. Visual [APCC15, VdRK18, YE18].

Visual [APCC15, VdRK18, YE18].


Walk [LCL+17, MC10b]. wavelet [PRP05]. Weak [KSVS16]. Wearable [FC17]. web [HHWL01, IG08, SPS+06, dMdSSdA+08, ACS08, AKZ12, AKFA15, ANW17, AO12, BACF17, BJL+07, BLW15, BKG+02, CRNZ+03, CC05, CF+19, EJ03, FPS06, FKM+05, FP00, GKL+07, GIS03, Guy18, HYH15, HHC+10, IM05, JGP+07, KEW01, LS02, LHG+12, LCL04, MRGM01, PPGK04, RSD+13, VBCT14, SPW11, TM01, WH09, WH15].

Web-based [CC05].

web-query [SPS06]. WebQuilt [HHWL01]. Weight [LR96].

Weighted [BCFG15, VFA17, DLW09]. weights [WLWK08]. Wellness [FC17]. Where
[YCZ+15]. Who [YCZ+15]. Whole
[RBCT14, SZ93]. Whole-Session
[RBCT14]. Why-Questions [AA16]. Wide
[VST+14, SG14]. Wildfires [WBP+16].
[AA16]. Whole-Session [RBCT14].
[AV+15]. Why-Questions [AA16].
[VST+14, SG14]. Wildfires [WBP+16].

References

ISSN 1046-8188.

[AGS01] Charu C. Aggarwal, Fatima Al-Garawi, and Philip S. Yu. On the design of a learning
crawler for topical resource discovery. ACM Transactions on Information Systems, 19

[ABB15] Aris Anagnostopoulos, Luca Becchetti, Ilaria Bordino, Stefano Leonardi, Ida Mele, and
Piotr Sankowski. Stochastic query covering for fast approximate document retrieval.


[ABB08] Ahmed Abbasi and Hsinchun Chen. Writeprints: a stylo-
metric approach to identity-


Maristella Agosti and Nicola Ferro. A formal model of annotations of digital content.


REFERENCES


**Aiken:1991:IES**


**Anderson:2000:CHH**


**Amati:2002:PMI**


**Adomavicius:2012:SRA**


**Abbasi:2012:DFM**


**Bekhet:2018:ISB**


**Bai:2017:ULI**

Xiao Bai, Ioannis Arapakis, B. Barla Cambazoglu, and Ana Freire. Understanding and leveraging the impact of response latency on user behaviour in Web search.


REFERENCES

2014. CODEN ATISET. ISSN 1046-8188.


REFERENCES


Baly:2016:MFM


Bailey:2007:AHT


Bierz:1992:ESB


Beitzel:2007:ACW


Bertino:1999:FAM


Bookstein:1990:CIT


Buyukkokten:2002:EWB


[BRS92] Rodrigo A. Botafogo, Ehud Rivlin, and Ben Shneiderman. Structural analysis of hypertexts: Identifying hierarchies


Chien Chin Chen, Meng Chang, and Ming-Syan Chen.

Cao:2012:AEC


Connor:2017:HEI


Cheng:2019:MER


Comai:2001:CGQ


Candan:2009:SSE


Costa:2015:DRM


Carpineto:2001:ITA

Claudio Carpineto, Renato de Mori, Giovanni Romano, and Brigitte Bigi.
REFERENCES


Qing Cui, Bin Gao, Jiang Bian, Siyu Qiu, Hanjun Dai, and Tie-Yan Liu. KNET: a


[CHN+17] Da Cao, Xiangnan He, Liqiang Nie, Xiaochi Wei,


[CL07] Gordon V. Cormack and Thomas R. Lynam. Online

**Chong:2018:EUV**


**Chong:2019:FFG**


**Cui:2014:SSI**


**Culpepper:2010:ESI**


**Cahoon:2000:EPD**


**Card:1991:MAD**


**Cohen:1997:RHF**

Jonathan D. Cohen. Recursive hashing functions for n-grams. *ACM Transactions on
REFERENCES


REFERENCES


REFERENCES


[Comas:2012:SFQ] Pere R. Comas, Jordi Turmo, and Lluís Márquez. Sibyl, a factoid question-answering

**Cummins:2014:DSD**


**Crestani:1998:SPK**


**Chang:1994:SAB**


**Cannane:2002:GPC**


**Ciaccia:1993:EAP**


**Chai:2007:EIU**


**Chen:2019:ADE**

Cai:2017:ALC


Dewan:1992:HLF


DellAmico:2010:DFP


Dong:2017:UMD


Dupplaw:2009:DSB


Dourish:2000:EDM


Dimitrova:1995:MR

80. Special Issue on Video Information Retrieval.

**Dreilinger:1997:ESS**


**Deshpande:2004:IBT**


**Do:2016:PMC**


**Dato:2016:FRA**


**Darwish:2007:ECV**


**deMoura:2008:LBP**

Deveaud:2019:LAR


Dang:2009:BFP


deOliveira:2001:SBM


Dunlop:1997:EAN


Eastman:2003:CRR

Caroline M. Eastman and Bernard J. Jansen. Coverage, relevance, and ranking:


REFERENCES


REFERENCES


REFERENCES


<table>
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<th>Reference</th>
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</table>
REFERENCES


acm.org/pubs/citations/journals/tois/1999-17-4/p367-greiff/.


REFERENCES


\textbf{Gladney:2004:TYD} 


\textbf{Guiver:2009:FGT} 


\textbf{Gao:2010:EQL} 


\textbf{Greiff:2000:MEA} 


\textbf{Garzotto:1993:HMB} 


\textbf{Gudivada:1995:DEA} 


\textbf{Guglielmo:1996:NLR} 


REFERENCES


REFERENCES


[Hu:2016:LIP] Liang Hu, Longbing Cao, Jian Cao, Zhiping Gu, Guandong Xu, and Dingyu Yang. Learning informative priors...


[Huang:2010:MND] Zi Huang, Bo Hu, Hong Cheng, Heng Tao Shen, Hongyan Liu, and Xiaofang Zhou. Mining near-duplicate graph for cluster-based reranking of Web video

**Hong:2001:WPB**


**Hoi:2009:SSB**


**Herlocker:2004:ECF**


**Harabagiu:2010:UTT**


**He:2017:MEB**


**Hou:2017:LA**


**Hicks:1998:HVC**


**Hudson:1990:ISF**

REFERENCES


[Hofmann:2004:LSM]


[Hindus:1993:CSR]


[Huang:2009:BCS]


[Hawking:1999:MIS]


[Hofmann:2013:FSE]


Huang:2019:QTQ


Han:2015:USC


Hou:2013:MPH


Heinz:2002:BTF


Ibrahim:2016:CPL


Ipeirotis:2008:CAH


Im:2007:DOS

DEN ATISET. ISSN 1046-8188.

**Ishii:1993:IIS**


**Ivory:2005:EWS**


**Isakowitz:1995:TLP**


**Ioannidis:1992:CLD**


**Jacob:1991:UEM**


**Jensen:2007:RES**


**Jones:2007:TPQ**

REFERENCES


REFERENCES

Jia:2013:ISD


Jiang:2006:ECR


Klein:1989:STR


Kim:1991:DOO


Krovetz:1992:LAI


Kong:1995:DDI


Kulkarni:2015:SSE


Keller:1995:XAI


Kwok:2001:SQA


Kelly:2010:EPN


Krikon:2010:UIP


Kerne:2008:CMI


Kacmar:1991:PPO


Katzenstein:2000:BSO


Kazai:2006:ECG

Gabriella Kazai and Mounia Lalmas. eXtended cumulated gain measures for the evaluation of content-oriented XML retrieval. ACM Transactions on Information Systems, 24(4):503–542, October

KFS10

REFERENCES

2006. CODEN ATISET. ISSN 1046-8188.


REFERENCES


Kharazmi:2016:EAW


Koro:2016:ENM


Kwok:1990:EPR


Kwok:1995:NAP


Liu:2017:DUP

Losada:2008:AMB


Liu:2017:DBE


Li:2019:PRP


Larson:2012:SIS


Li:2017:ETM


Lehtonen:2006:PHX


Liu:2019:MVB


REFERENCES


Liao:2018:JMP


Lero:2003:UDC


Lauw:2010:SST


Lee:1990:PSV

Jintae Lee and Thomas W. Malone. Partially shared views: a scheme for communicating among groups that use different type hierarchies.


Lempel:2001:SSA


Lu:2014:BSI


Lucchese:2013:DTS


Loni:2019:TRM

Babak Loni, Roberto Pagano, Martha Larson, and Alan Hanjalic. Top-N recommendation with multi-channel


[LPLH19] Babak Loni, Roberto Pagano, Martha Larson, and Alan Hanjalic. Top-N recommendation with multi-channel
c99308c807e70dc4-517D93A8-1
DDFC-6C4E-4712BA739ED7F746.


REFERENCES


Li:2010:LCG


Luo:2016:MSU


Liu:2017:TAC


Liang:2017:SRD


Lucarella:1996:VRE


Lian:2018:GSL


Liu:2019:SRR


REFERENCES


Zhongchen Miao, Kai Chen, Yi Fang, Jianhua He, Yi Zhou, Wenjun Zhang, and Hongyuan Zha. Cost-effective online trending topic detection and

**Moon:2012:OLF**


**Melucci:2008:BIR**


**Metzler:1989:COP**


**Middleton:2016:GGS**

Morsy:2016:ALC


Mak:1991:EPP


Miller:2004:PTP


Middleton:2018:LES


Mana-Lopez:2004:MSA


Malone:1995:EOR


Mao:2018:HDD


Mostafa:1997:MAI

[J. Mostafa, S. Mukhopadhyay, W. Lam, and M. Palakal. A multilevel approach to intelligent information filtering:
REFERENCES


Craig Macdonald, Iadh Ouonis, and Nicola Tonellotto.

**Moldovan:2003:PIE**


**Ma:2007:IBP**


**Mackinlay:1992:EUI**


**Magalhaes:2010:ITF**


**Melnik:2001:BDF**


**Malone:1993:GE**


**Meuss:2001:CAA**


**McCreadie:2018:EDE**

Macdonald:2013:ALM

Middleton:2004:OUP

Matsuoka:1992:GFB

Meng:2001:HSE

Myers:1990:NMH

Mei:2011:CVR

Moffat:1996:SII

Moffat:2008:RBP
Alistair Moffat and Justin Zobel. Rank-biased precision for measurement of retrieval effectiveness. ACM Transactions on Information Sys-


Oberweis:1996:ISB


Pernici:1989:CTA


Oard:2019:JME


Papadopoulos:2016:OSI


Owei:2002:IAH


Pausch:1992:LLS


Pal:2015:MAR


Powell:2003:CPC


Piwowarski:2007:PRU


Peng:2017:PMT


Pinto:2007:NXM


Pal:2012:EQS


Papadias:2001:AST


Paik:2011:GEE


Park:2004:ALS


Paik:2013:ERQ


Park:2004:ISI


Park:2009:ALS


Piao:2016:SFA


Park:2005:NDR


Pant:2005:LCC


Plaisant:1999:IDA

Catherine Plaisant, Ben Shneiderman, Khoa Doan, and Tom Bruns. Interface and data architecture for query preview in networked information systems. ACM Transactions on Information Sys-

Petersen:2016:PLD  

Puppin:2010:TCS  

Pirkola:2007:FBI  

Piwowarski:2008:SCR  

Pan:2013:TJE  

Pibiri:2017:CEF  

Pibiri:2019:HMG  
References


[Qu:2019:PBN] Xiaojun Quan, Qifan Wang, Ying Zhang, Luo Si, and Liu Wenyin. Latent discrimina-

Qian:2006:SPB


Rada:1992:CTH


Raman:2014:UID


Rodriguez:2009:AMG


Ren:2018:SRE


Resnick:1993:PBC


Raghavan:1989:CIR

org:80. Special Issue on Research and Development in Information Retrieval.

Rilo:1994:IEB

Robey:1996:SPI

Rowe:1996:ULO

Romm:1998:EMC

Ruotsalo:2018:I

Ram:1998:CCS

Rangan:1995:FTC
P. Venkat Rangan, Srinivas Ramanathan, and Srihari Sampathkumar. Feedback techniques for continuity and synchronization in multimedia information retrieval.
REFERENCES


**Rama:1993:ICR**


**Rus:1997:CIC**


**Ruhleder:1994:RLR**


**Rosen-Zvi:2010:LAT**


**Savoy:2012:AAB**

Sadeghi:2017:RFB


Si:2003:SLM


Schumaker:2009:TAS


Safran:2019:ELB


Sousa:2019:RSL


Sciore:1989:OS


Siochi:1991:CAU

REFERENCES

Stotts:1989:PNB


Shirakawa:2017:IWG


Stotts:1998:HAV


Skaggs:2014:TMW


Shtok:2012:PQP


Shaw:1993:DSV


Stevens:1995:ISI

REFERENCES


REFERENCES

2005. CODEN ATISET. ISSN 1046-8188.

SilvadeMoura:2000:FFW


[SNZBY00]

Straube:1990:QQP


[SÖ90]

Schedl:2011:EMS


[SPKW11]

Shen:2006:QEW


[SPS+06]

Shen:2009:NFE


[SPGC89]

Smith:1989:KBS

Philip J. Smith, Steven J. Shute, Deb Galdes, and Mark H. Chignell. Knowledge-based search tactics for an

SanPedro:2011:CRY


Song:2017:DLD


Salmi:1995:THI


Sanderson:1999:IRE


Shasha:1990:NTB


Schauble:1994:EPQ


Sun:2017:CIP

Yu Sun, Nicholas Jing Yuan, Xing Xie, Kieran McDonald, and Rui Zhang. Collaborative intent prediction with

Sturman:1993:DMW


Shokouhi:2009:RRM


Shi:2017:LRB


Taghva:1996:EMB


Turtle:1991:EIN


Teevan:2008:HPR


Tejedor:2012:CML

Tagarelli:2010:SCX


Tomasic:1997:DSE


Thomason:2016:CTA


Tigelaar:2012:PPI


Tryfonopoulos:2009:IFQ


Tan:1999:EIG


Turney:2003:MPC


Ture:2014:ERS

Ferhan Ture and Jimmy Lin. Exploiting representations from statistical machine


REFERENCES


REFERENCES


**Webb:2016:DWP**


**White:2009:CSE**


**White:2015:BDB**


**Want:1992:ABL**


**Wang:2016:ROC**

Shuaiqiang Wang, Shanshan Huang, Tie-Yan Liu, Jun Ma,

Wiecha:1992:UIC


Wilbur:1998:KMH


Williams:2005:IGI


Wang:2012:DPC


Wang:2017:UPP


Wang:2018:LAI

REFERENCES


Wu:2008:ITI


Wang:2014:CDS


Wei:2005:MBA


Wang:2017:UVP


Wen:2002:QCU


Wong:1994:PBD

Wu:2019:CAU


REFERENCES


**Wu:2010:AVG**


**Williams:2004:FPQ**


**Wan:2010:ENK**


**Wang:2013:RLS**


**Wang:2017:CUT**


**Wu:2019:DDA**


**Wong:1995:MIR**

REFERENCES


Xue:2009:ULM


Yang:2015:BHC


Yang:1994:EBM


Yin:2014:LSI


[ YA15 ] Hui Yang, Dongyi Guan, and Sicong Zhang. The query change model: Modeling session search as a Markov de-

**You:2012:EET**


**Yang:2017:YMP**


**Yoshioka:2001:GTK**


**Yu:2006:LSC**


**Yan:2011:TSG**


**Yang:2017:NNA**


**Yom-To:2013:ESP**

REFERENCES

Yan:2015:DDS


Yeh:2008:EPH


Yao:2017:VAR


Zhang:2016:MOS


Zhao:2018:TEF


**Zhou:2017:MMD**


**Zhu:2013:SHF**


**Zhao:2014:MTA**


**Zhai:2004:SSM**

Chengxiang Zhai and John Lafferty. A study of smoothing methods for language models applied to information retrieval. *ACM Transactions on Information Systems, 22*
REFERENCES

[109]


Zhang:2017:PLQ


Zhang:2016:TRM


Zhang:2014:TPB


Zhang:2017:CIJ

[Dongxiang Zhang, Liqiang Nie, Huanbo Luan, Kian-Lee Tan, Tat-Seng Chua, and Heng Tao Shen. Compact indexing and judicious search-


Zobel:2006:DVS


Zezula:1991:DPS


Zhu:2002:TKB


Zhang:2017:FFT

[Jing Zhang, Jie Tang, Cong Ma, Hanghang Tong, Yu Jing, Juanzi Li, Walter Luyten, and Marie-Francine Moens. Fast and flexible top-k similarity search on large networks.
REFERENCES


**Zhan:2019:LMA**


**Zhao:2018:ALT**


**Zhao:2015:GSB**


**Zhao:2016:PLB**