

# A Complete Bibliography of *ACM Transactions on the Web (TWEB)*

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## Title word cross-reference

2.0 [KL10].

7 [UÁM17].

**Abstract** [AZ19]. **Acceleration** [HKH<sup>+</sup>16].

**Access**

[KL17a, PMOB11, CSCB07, DFJ<sup>+</sup>12].

**Accessibility** [HR13]. **ACConv** [PMOB11].

**Account** [KMV15]. **Accuracy** [HHBT20].

**actions** [RDM09]. **Active** [CZZ15].

**Activity** [CLR<sup>+</sup>19, TCM<sup>+</sup>18, WHGS16].

**Actually** [DZS<sup>+</sup>16]. **Adaptive**

[GKS<sup>+</sup>08, JWJ<sup>+</sup>18, MTDF18]. **addressing**

[AMND<sup>+</sup>08]. **Administrators** [DLMI16].

**adopting** [VGA13]. **Adoption** [RHLC17].

**Ads** [AY10]. **Ads-portal** [AY10]. **advanced**

[SDN08]. **adversarial** [ND08]. **Advertising**

[PAAC17, LHJL13, VGA13]. **Aesthetics**

[UÁM17]. **African** [FTF<sup>+</sup>18]. **aggregate**

[UT11]. **Aggregations** [ZYZ16].

**agreement** [BKJ13]. **Ajax** [MvDL12].

**Ajax-Based** [MvDL12]. **AjaxScope**

[KL10]. **Alert** [SGJC20]. **algebra** [YB08].

**Algorithms**

[BHMW11, Hog17, CCFF11, SZG11, YZL07].

**Aligned** [TBBI18]. **alike** [DAA13]. **Among**

[ABLW19, DLMI16]. **Analysing** [FTF<sup>+</sup>18].

**Analysis**

[CRB18, EYH16, GFTC19, MMMD16,

MvDL12, PVS19, SSK<sup>+</sup>17, SGJC20, TWH14,

AB08, BCD<sup>+</sup>08, LV13, LSC<sup>+</sup>08, SMB<sup>+</sup>07].

**Analytic** [UPS<sup>+</sup>07]. **analytics** [AMND<sup>+</sup>08].

**Analyzing** [BCGL17, CASN13, RHLC17,

SCS<sup>+14</sup>, WSL<sup>+19</sup>, WCZ15]. **annotation** [BEP<sup>+08</sup>, NKTP13]. **Annotations** [WSL<sup>+19</sup>]. **Anonymization** [SLM13]. **Answering** [SB16]. **Anycast** [ALR<sup>+11</sup>]. **AOI** [EYH20]. **API** [WCZ15]. **APIs** [BDM17]. **App** [DV18, SLP<sup>+19</sup>]. **Application** [BBBF14, DBZ<sup>+12</sup>, DGS17, SIYL08]. **application-level** [SIYL08]. **Application-Specific** [DBZ<sup>+12</sup>]. **Applications** [KL10, MvDL12, RHLC17, VP11, WDD15, CM12, DFJ<sup>+12</sup>, DWS<sup>+12</sup>, FCBC10, UPS<sup>+07</sup>, ZCL<sup>+10</sup>, CGM14, DJBO14]. **Approach** [BCC14, CTC<sup>+15</sup>, CMP15, DJBO14, JWJ<sup>+18</sup>, OACU13, SZSA15, WZZ<sup>+16</sup>, XZ17, ARN12, FCBC10, LJP<sup>+13</sup>, MSBB10, QBC13, SIYL08]. **Approaches** [EYH20, SB16, ZWZL15, ETT08]. **Apps** [SSK<sup>+17</sup>]. **Arbiters** [DLMI16]. **Architecture** [ALR<sup>+11</sup>, LMJ10, SRRG07]. **architectures** [RCS<sup>+08</sup>, ZHD07]. **Aspect** [SZSA15, LCZ<sup>+20</sup>]. **Aspect-Based** [SZSA15]. **Assessing** [BKJ13]. **Assistant** [CRPLM11]. **attacks** [JBB<sup>+09</sup>, SIYL08]. **Attention** [PWH16]. **Attribute** [FLT15]. **auctions** [RDJS07]. **augmentation** [DAA13]. **Augmented** [DA15]. **Authentication** [CTC<sup>+15</sup>]. **Autocompletion** [WMS<sup>+16</sup>]. **Automated** [DWS<sup>+12</sup>, SCB17, WSL<sup>+19</sup>]. **Automatic** [BEP<sup>+08</sup>, CR20, EYH20, MMH13, SZG11]. **average** [WOHM08]. **AVX2** [ML18]. **Aware** [ABO<sup>+16</sup>, BCF16, OAU11, ETT08, LJP<sup>+13</sup>, QBC13, STZL20, WZZ<sup>+16</sup>].

**Backup** [RH19]. **Balance** [QA14]. **Base64** [ML18]. **Based** [AADP19, BHMW11, BHW13, BCC14, BBBF14, CRB18, CAOU12, DJBO14, FLT15, GAC<sup>+11</sup>, GZYS16, HGPS11, JWJ<sup>+18</sup>, KKSS17, LCZ<sup>+20</sup>, MA14, MvDL12, MAY<sup>+11</sup>, PKT17, RHLC17, SZSA15, TBBI18, UÁM17, WPB13, ZWML14, ABLW19, AADS13, BKJ13, BEP<sup>+08</sup>, CKJA13, CP09, LHJL13, LLM13, PAL18, VVCD13, YL08, ZCL<sup>+10</sup>, ZZM<sup>+11</sup>, ACC08]. **Bases** [ZTC11]. **Bayesian** [GZYS16, SHHS17]. **Behavior** [CBB18, DZS<sup>+16</sup>, KL10, RH19, TWH14, WZT<sup>+17</sup>, CSCB07, LV13]. **Behavioural** [GFTC19]. **Benchmarking** [AST19]. **Best** [ABO<sup>+16</sup>, EYH20]. **Beyond** [CGM14, WSPZ12, LLWL09]. **Bias** [WH14]. **biases** [JGTF10, WH13]. **BibSonomy** [DZS<sup>+16</sup>]. **bid** [RDJS07]. **bidding** [RDJS07]. **billion** [LLWL09]. **Bitemporal** [FGH<sup>+16</sup>]. **Blank** [Hog17]. **Blog** [JKH<sup>+12</sup>, WYY<sup>+15</sup>, APV10]. **blogosphere** [MMB<sup>+12</sup>]. **Bot** [CLR<sup>+19</sup>]. **Both** [EYH20, ZWML14]. **Bots** [GFTC19]. **bottom** [QBC13]. **bottom-up** [QBC13]. **bounds** [VKY10]. **BPEL** [SZSA15]. **Brand** [CR20, SW11]. **Breast** [PWH16]. **Bringing** [PAAC17]. **Browser** [DA15, LBBA20, WAP19]. **Browser-Side** [DA15]. **Browsers** [GTK11, JBB<sup>+09</sup>]. **BrowserShield** [RDW<sup>+07</sup>]. **Browsing** [TWH14, VDM<sup>+18</sup>, XLH<sup>+09</sup>, DWC12, LV13]. **BUBiNG** [BMSV18]. **Building** [TKS11]. **business** [LMJ10, PSBY10]. **Buyer** [Fra16]. **Buyer-Friendly** [Fra16].

**Cache** [CAOU12, SRRG07]. **Cache-Based** [CAOU12]. **Caching** [DV18, OAU11, OACU13, BYGJ<sup>+08</sup>]. **Camera** [SW11]. **Campaigns** [ZLZL16]. **Cancer** [PWH16]. **Canonical** [Hog17]. **Captions** [WH13]. **Caring** [DAA13]. **Cascading** [RHLC17]. **Cashtag** [CLR<sup>+19</sup>]. **CDN** [ALR<sup>+11</sup>]. **Censorship** [GCND<sup>+15</sup>]. **Center** [SGJC20, DWS<sup>+12</sup>]. **centralities** [YL08]. **Centric** [CMP15, TTHS19]. **Certification** [AADP19, AADS13]. **Challenges** [DA15, GAC<sup>+11</sup>]. **Chance** [OACU13]. **Changes** [MvDL12]. **Changing** [LLSL18]. **Characteristics** [SSK<sup>+17</sup>, WST11]. **Characterization**

[JKH<sup>+</sup>12, VDM<sup>+</sup>18]. **Characterizing** [CBB18, GAC<sup>+</sup>11, GCND<sup>+</sup>15, MAY<sup>+</sup>11]. **choreographies** [MPvdA<sup>+</sup>10]. **Claims** [SKGY14]. **Classification** [BHMW11, BHW13, GCMG15, HHBT20, RDW<sup>+</sup>16, SB16, WAP19, DGP09]. **Classifying** [GBF<sup>+</sup>09]. **ClickRank** [ZM12]. **Clickstream** [WZT<sup>+</sup>17]. **Client** [CTC<sup>+</sup>15, KL10, SIYL08]. **Client-Side** [KL10]. **client-transparent** [SIYL08]. **Clustering** [EYH16, KH15, KV11]. **Clustering-Driven** [KV11]. **Coefficients** [KH15]. **COIP** [BCF16]. **COIP-Continuous** [BCF16]. **Collaboration** [Lee15, WHGS16]. **Collaborative** [BCC14, LLW12, WWW<sup>+</sup>17, CCFF11, MKR07, RHS09, VGA13]. **Collections** [WBdR12, CMRV10]. **Collective** [DLMI16]. **Collusive** [XZ17]. **Combating** [KEG<sup>+</sup>08, ZWML14]. **Combining** [MDG19]. **Comment** [HGC<sup>+</sup>18, SCS<sup>+</sup>14]. **Comments** [SCS<sup>+</sup>14, WYY<sup>+</sup>15]. **Commerce** [PKT17, ZWZL15, Jan07]. **Communication** [RUK19]. **Communities** [Hua13, Lee15, DGP09, YL08]. **Community** [SB16]. **Compact** [ÁL16, CN10]. **comparative** [Jan07, SMB<sup>+</sup>07]. **Comparing** [CPX14, SHHS17, ZBG<sup>+</sup>15]. **Comparison** [AST19, CCFF11]. **comparisons** [SDN08]. **Completeness** [DNPR18]. **complex** [DWS<sup>+</sup>12]. **Complexities** [WHS13]. **Composite** [AADP19]. **Composition** [BAP13, CBB17, WPB13, ZLKL19, ZYZ16, ARN12]. **Compositions** [ELM16, SZSA15]. **Comprehensive** [BHMW11, BHW13, SB16]. **compressed** [VKY10]. **Computation** [ZWZL15]. **Computational** [AKZ20]. **Computing** [CLB19a, ZTC11, DK08]. **Conceptual** [SDC14]. **confidentiality** [PSBY10]. **conflict** [AMND<sup>+</sup>08]. **Congruence** [SW11]. **Connections** [WST11]. **connectors** [MKR07]. **Consensus** [SXM<sup>+</sup>16, RHS09]. **Constrained** [PMGO18, SMRM07]. **constraints** [ARN12, YZL07]. **Constructing** [CPX14]. **Construction** [ELM16]. **consumers** [DAA13]. **Consumption** [DV18]. **Content** [BBBF14, CRB18, RDW<sup>+</sup>16, WH14, ZBG<sup>+</sup>15, CM12, LLM13]. **Content-Based** [BBBF14, LLM13]. **Context** [Fra16, ZM12, LJP<sup>+</sup>13, LLM13]. **context-aware** [LJP<sup>+</sup>13]. **Contextual** [ZWZL15, LHJL13, VGA13]. **Continuous** [BCF16]. **contracting** [CP09]. **Control** [BAP13, PMOB11, PAAC17, DFJ<sup>+</sup>12]. **Control-Flow** [BAP13]. **Controlled** [DGS17]. **Conversational** [PMOB11]. **Conversion** [DBZ<sup>+</sup>12]. **Cookies** [TM09]. **Coordinating** [KWLA13]. **Corporate** [FG18]. **Correctness** [ETT08]. **Correctness-aware** [ETT08]. **Cost** [OAU11]. **Cost-Aware** [OAU11]. **Counterfeit** [CR20]. **crawl** [BYKS09]. **Crawling** [BMSV18, DJBO14, MvDL12, VCK14]. **Crawls** [CSLL18, SMB<sup>+</sup>07]. **Credit** [GZC<sup>+</sup>16]. **Cross** [GCH<sup>+</sup>18, WAP19]. **Cross-Browser** [WAP19]. **Cross-Platform** [WAP19]. **Cross-Site** [GCH<sup>+</sup>18]. **Crowds** [LCK<sup>+</sup>12]. **Crowdsourcing** [ABO<sup>+</sup>16, TDKC15, WSL<sup>+</sup>19]. **CSS** [MMMD16]. **CSS-Sprite** [MMMD16]. **current** [CCFF11]. **Custom** [SDC14, TDKC15]. **Cyber** [ABLW19]. **Cyberaggression** [CLB<sup>+</sup>19b]. **Cyberbullying** [CLB<sup>+</sup>19b]. **Cybersecurity** [SGJC20]. **DanMu** [HGC<sup>+</sup>18]. **Data** [ABO<sup>+</sup>16, AKJ<sup>+</sup>18, AZ19, BGNV10, DNPR18, EYH20, GCND<sup>+</sup>15, GCMG15, GZC<sup>+</sup>16, PMGO18, RP17, TTHS19, Tho14, DFJ<sup>+</sup>12, DWS<sup>+</sup>12, QBC13, ZCL<sup>+</sup>10, FPG15]. **data-intensive** [DFJ<sup>+</sup>12]. **Data-Types** [AZ19]. **Databases** [PPPS18]. **Datasets**

[LCLQ19, TBBI18, WCZ15]. **Decentralized** [BAP13]. **decisions** [ACC08]. **Declarative** [MPvdA<sup>+</sup>10]. **Decoding** [ML18, SMB<sup>+</sup>07]. **Decompositions** [SSPÇ17]. **Deep** [TC20, BKJ13]. **Defined** [PPPS18]. **definitions** [BEP<sup>+</sup>08]. **Deltas** [ZTC11]. **demand** [SRRG07]. **Demonstration** [TKS11]. **denial** [SIYL08]. **Dense** [SSPÇ17, DGP09]. **Dependent** [WST11]. **Deployment** [CRB18, TM09]. **DescribeX** [CMRV10]. **Descriptors** [UÁM17]. **Design** [BYGJ<sup>+</sup>08, ZLKL19]. **Designing** [GTK11]. **destinations** [WBC08]. **Detecting** [ABLW19, CLB<sup>+</sup>19b, CASN13, LSC<sup>+</sup>08, ZLZL16]. **Detection** [AKZ20, CR20, EYH20, Lee15, SSK<sup>+</sup>17, WAP19, XZ17, AMND<sup>+</sup>08, BCD<sup>+</sup>08, BLW13]. **Deterministic** [BGNV10]. **Development** [CMP15, KPED14, SDC14, VP11]. **Device** [VDM<sup>+</sup>18]. **diagnostic** [WH13]. **Different** [BYKS09]. **Differentiation** [ZWML14]. **Difficulty** [Tho14]. **Diffusion** [Gae18, MSP<sup>+</sup>17]. **Digital** [KL17b]. **Dimensional** [BDM17]. **directed** [SMRM07]. **directory** [LHJL13]. **Dis** [RH19]. **Disasters** [RGGG18]. **Discovering** [ABO<sup>+</sup>16, WMS<sup>+</sup>16, YL08]. **Discovery** [APV10, MDG19, PT09, WJH13]. **Disk** [MA14]. **Disk-Based** [MA14]. **displays** [XLH<sup>+</sup>09]. **Distance** [KKSS17, VKY10]. **Distillation** [WST11]. **Distributed** [MK12, SLL<sup>+</sup>15, CKJA13, LMJ10]. **Distributions** [RDW<sup>+</sup>16]. **Distrust** [QA14, ZWML14, VVCD13]. **Diversification** [NAS16]. **Diversionsary** [WYY<sup>+</sup>15]. **DNS** [JBB<sup>+</sup>09]. **Do** [BYKS09, DZS<sup>+</sup>16]. **Does** [PMGO18]. **DOM** [BLW13, WAP19]. **Domain** [CSLL18, SDC14, WPB13]. **Domain-Specific** [SDC14]. **domains** [AY10]. **Driven** [EYH20, KV11, VP11, BLW13, CM12, FCBC10, RDW<sup>+</sup>07, ZHD07]. **during** [RGGG18]. **DUST** [BYKS09]. **Dynamic** [MvDL12, OACU13, RDW<sup>+</sup>07, RCS<sup>+</sup>08]. **Dynamics** [LLSL18, MSP<sup>+</sup>17, WHGS16, LAH07, LSC<sup>+</sup>08].

**E-Commerce** [PKT17, Jan07, ZWZL15]. **Early** [DQSZ19]. **eBay** [RDJS07]. **Ecommerce** [XLWS17]. **Ecommerce-Reputation-Escalation-as-a-Service** [XLWS17]. **Ecosystem** [FTF<sup>+</sup>18, PVS19]. **Edge** [PPPS18]. **Edge-Labeled** [PPPS18]. **Editorial** [Ano15, AIN12, Dav18b]. **effectiveness** [Jan07]. **effects** [RDJS07]. **Efficient** [BYG11, NAS16, PBSO14, SLM13, YZL07, YMZ19, ZWZL15, ARN12, CKJA13]. **Effort** [KL17a, Lee15]. **Elastic** [FLT15]. **Elements** [WAP19]. **Embedded** [KPED14]. **Embedding** [JWJ<sup>+</sup>18]. **Embeddings** [ABLW19]. **Emergence** [RHS09]. **Emerging** [HGC<sup>+</sup>18, CSCB07]. **Empirical** [FG18, RHLC17, XLWS17, MSBB10, RDM09, WOHM08]. **Enacting** [TDKC15]. **Encoding** [ML18]. **End** [CMP15, ZLKL19, ARN12, DAA13, YZL07]. **end-to-end** [ARN12, YZL07]. **End-User** [CMP15, ZLKL19, DAA13]. **Enemy** [ABLW19]. **Energy** [DV18]. **Engagement** [DGS17]. **Engine** [BWLK10, BYG11, DGS17, SHKK14, BYGJ<sup>+</sup>08]. **Engineering** [FCBC10]. **Engines** [CAOU12, DDB<sup>+</sup>14, OAU11, OACU13]. **enhance** [WBC08]. **Enhancing** [VVCD13, Coo08]. **Enrich** [ZM12]. **enterprise** [GKS<sup>+</sup>08]. **Entity** [MDG19, TTHS19, WJH13]. **Entity-Centric** [TTHS19]. **environment** [SDN08]. **Environments** [ZWZL15]. **Episodic** [PWH16]. **Equivalent** [Hog17]. **Era** [KL17b]. **Escalation** [XLWS17]. **Estimating** [Hua13, KH15, SXM<sup>+</sup>16]. **Estimation** [BCF16]. **ethics** [AB08]. **Evaluating** [FG18, PKT17]. **Evaluation** [CLU16, KEG<sup>+</sup>08]. **Evaluations** [RDW<sup>+</sup>16]. **Event** [FGH<sup>+</sup>16, SLM13]. **Events** [FGH<sup>+</sup>16, MJ17]. **Evidence**

[GZC<sup>+</sup>16, GZYS16]. **Evidence-Based** [GZYS16]. **evolution** [RCS<sup>+</sup>08]. **Executable** [ELM16]. **execution** [LMJ10]. **EXIP** [KPED14]. **Expansion** [WBdR12]. **Experimental** [CR20]. **Experiments** [DGS17]. **Expert** [ZBG<sup>+</sup>15]. **Experts** [WPB13]. **Explain** [Tho14]. **explicit** [VVCD13]. **Exploiting** [CASN13, LLSL18, SLP<sup>+</sup>19, WBdR12]. **exploration** [DWC12]. **Exploratory** [GZC<sup>+</sup>16]. **Exploring** [BCGL17, CMRV10, FTF<sup>+</sup>18, HGC<sup>+</sup>18]. **Expressions** [BGNV10]. **Extended** [QA14]. **External** [ÁL16, WBdR12, UT11]. **Extracting** [MMB<sup>+</sup>12, RGGG18, RN09]. **Extraction** [DGP09, FGH<sup>+</sup>16]. **Extractor** [AST19]. **Extractors** [AST19]. **Eye** [EYH16, EYH20].

**Facebook** [CHC13]. **Fake** [DQSZ19]. **Fast** [CBB17, CN10, LCLQ19, MA14, VKY10]. **Faster** [ML18]. **feature** [NKTP13]. **feature-word-topic** [NKTP13]. **Features** [BHMW11, MDG19]. **Feedback** [PKT17, SKGY14]. **Feedback-Based** [PKT17]. **Figurative** [AKZ20]. **Filtering** [BCC14, CCFF11, MK12, MKR07, RDW<sup>+</sup>07, VGA13]. **Filters** [SLP<sup>+</sup>19]. **Financial** [CLU16]. **Fingerprinting** [LBBA20]. **Five** [AST19]. **Flexible** [ELM16, SDN08]. **Flickr** [RN09, SW11]. **Flow** [BAP13, HGPS11]. **Focus** [WDD15]. **Focused** [VCK14]. **Fona** [WDD15]. **Footprint** [GZC<sup>+</sup>16]. **Form** [WPB13]. **Form-Based** [WPB13]. **Formal** [FPG15, KMV15]. **Forms** [Hog17]. **forums** [JGTF10]. **Foundations** [QA14]. **FoXtrot** [MK12]. **Framework** [BDM17, KV11, KPED14, YB08, ZLKL19, ACC08, CP09, WJH13]. **Fraud** [XZ17]. **Free** [PVS19]. **Friendly** [Fra16]. **friends** [ZMZ<sup>+</sup>11]. **Friendship** [ABS<sup>+</sup>12]. **Ful** [FGH<sup>+</sup>16]. **functional** [ETT08]. **FusE** [TTHS19]. **Fusion** [TTHS19].

**Generating** [AKJ<sup>+</sup>18]. **Generation** [LCLQ19]. **Georeferenced** [DDB<sup>+</sup>14]. **Geosocial** [KKSS17]. **Gifting** [RHLC17]. **global** [YL08]. **GPS** [ZCL<sup>+</sup>10]. **Graph** [BCGL17, CN10, FPG15, JWJ<sup>+</sup>18, PPS18, SW11, DGP09]. **Graphs** [Hog17, WSPZ12]. **Grouping** [HHBT20].

**Habits** [VDM<sup>+</sup>18]. **Hate** [ABLW19]. **Health** [WH14]. **Here** [PAL18]. **Heterogeneous** [VBM17]. **Hidden** [BCGL17]. **hierarchically** [XLH<sup>+</sup>09]. **Hierarchy** [SSPÇ17]. **High** [CLB19a, CCFF11, ETT08]. **high-level** [ETT08]. **High-performance** [CLB19a, CCFF11]. **Historic** [BWLK10]. **Histories** [PWH16]. **history** [ZMZ<sup>+</sup>11]. **home** [KWLA13]. **Homepage** [GCMG15]. **homophily** [ABS<sup>+</sup>12]. **Host** [HGPS11]. **Host-Based** [HGPS11]. **HTML** [MDG19, MMH13, RDW<sup>+</sup>07, UCFL08]. **HTTP** [PMGO18]. **Huge** [PBSO14]. **Human** [SHHS17]. **Humans** [GFTC19]. **Hybrid** [OACU13, ARN12]. **hypervideo** [LV13]. **Hypotheses** [SHHS17].

**Identification** [HGPS11, AY10]. **Identifying** [LCK<sup>+</sup>12, SSPÇ17]. **Identity** [BCF16, SKGY14]. **Illness** [PWH16]. **Image** [TC20, UÁM17, NKTP13]. **Imaginary** [AKJ<sup>+</sup>18]. **Impartial** [BCF16]. **implementation** [CHC13]. **Implementing** [GTK11]. **Implications** [JKH<sup>+</sup>12, WSPZ12, TM09]. **implicit** [DGP09]. **Imply** [PMGO18]. **Improve** [SHKK14]. **Improving** [GCMG15, HHBT20, VGA13, UT11]. **In-Real-Life** [MJ17]. **incentives** [JGTF10]. **Incompatibilities** [WAP19]. **Incompletely** [TBB118]. **Incremental** [MA14]. **increments** [RDJS07]. **index** [CKJA13]. **Indexing** [MA14]. **Individual** [SXM<sup>+</sup>16, UT11, ZMZ<sup>+</sup>11]. **Inference** [BGNV10]. **Information**

[Gae18, KL17a, MCFL18, MSP<sup>+</sup>17, MJ17, PMGO18, RGGG18, CSCB07, MMB<sup>+</sup>12]. **Initiative** [GCND<sup>+</sup>15]. **Injection** [CZZ15]. **insecure** [YW13]. **Insertion** [PBSO14]. **Insights** [GAC<sup>+</sup>11]. **Instantaneous** [SLP<sup>+</sup>19]. **Institution** [CLU16]. **Instructions** [ML18]. **Integrating** [DFJ<sup>+</sup>12, SZSA15, TDKC15, QBC13]. **Integration** [DBZ<sup>+</sup>12, EYH20]. **Intelligence** [DLMI16]. **intensive** [DFJ<sup>+</sup>12]. **inter** [BKJ13]. **inter-source** [BKJ13]. **Interaction** [Tho14, WBC08]. **Interactions** [WSPZ12, JWW<sup>+</sup>13]. **interactive** [LV13]. **Interconnected** [Gae18]. **interest** [AMND<sup>+</sup>08]. **Interface** [MvDL12]. **interfaces** [SWL<sup>+</sup>13]. **Internet** [CGM14, DJBO14, CSCB07, DWS<sup>+</sup>12, FCBC10, UPS<sup>+</sup>07, WDD15]. **Introduction** [AB08, AI07, DK08, ND08, RS11]. **inverted** [CKJA13]. **Investigation** [FG18, XLWS17]. **Investing** [WWW<sup>+</sup>17]. **IRLbot** [LLWL09]. **Isomorphic** [Hog17]. **issue** [AB08, DK08, RS11]. **issues** [ND08].

**JavaScript** [YW13]. **Judgments** [SXM<sup>+</sup>16].

**KiN** [PAL18]. **Knowledge** [ELM16, JWJ<sup>+</sup>18, MTDF18, PAL18, ZTC11, BLW13, GBF<sup>+</sup>09, QBC13]. **knowledge-aware** [QBC13].

**Label** [BWLK10]. **Labeled** [PPPS18]. **Labelling** [Hog17]. **Language** [AKZ20, ABLW19, BHW13, FPG15, DAA13]. **Large** [CLU16, CSLL18, GFTC19, JKH<sup>+</sup>12, RDM09, XLL<sup>+</sup>10]. **Large-Scale** [CLU16, CSLL18, JKH<sup>+</sup>12, GFTC19, RDM09, XLL<sup>+</sup>10]. **latent** [APV10, JWW<sup>+</sup>13]. **Layout** [MMH13, WAP19, CM12]. **LDAP** [KV11]. **LDoW** [RP17]. **Leak** [ABO<sup>+</sup>16]. **Leak-Aware** [ABO<sup>+</sup>16]. **Leaning** [Hog17]. **Learning** [BGNV10, CZZ15, CTC<sup>+</sup>15, CRPLM11, Ric08, STZL20, ZM12]. **legal** [RDM09]. **Leniency** [LLW12]. **Less** [PMGO18]. **Level** [UÁM17, ETT08, SIYL08]. **Leveraging** [SKGY14, WBC08]. **Life** [MJ17, PWH16]. **Limitations** [CCFF11]. **Link** [BCD<sup>+</sup>08, WST11, ZWML14]. **Link-Based** [ZWML14]. **Linked** [RP17, TTHS19]. **Linking** [GCH<sup>+</sup>18]. **links** [Jan07]. **List** [Dav18c]. **Literature** [ZLKL19]. **Local** [CBB18, DDB<sup>+</sup>14, YL08]. **Locally** [JWJ<sup>+</sup>18]. **Localness** [PAL18]. **Location** [KKSS17, PAL18, ZZM<sup>+</sup>11]. **Location-Based** [KKSS17, PAL18]. **locations** [ZZM<sup>+</sup>11]. **log** [AB08, Coo08, PSBY10]. **logs** [Ric08, VKY10, XLL<sup>+</sup>10]. **Long** [BWLK10, PVS19, Ric08]. **Long-term** [PVS19, Ric08]. **Longitudinal** [VDM<sup>+</sup>18]. **Look** [GCND<sup>+</sup>15]. **Low** [UÁM17]. **Low-Level** [UÁM17].

**Maintenance** [PBSO14]. **Management** [DNPR18, SLL<sup>+</sup>15, DFJ<sup>+</sup>12, GKS<sup>+</sup>08]. **Manipulation** [DLMI16, Lee15]. **map** [XLL<sup>+</sup>10]. **Mapping** [CGM14]. **marketing** [LAH07]. **Markets** [SCW<sup>+</sup>10]. **Mashup** [SDC14]. **Mashups** [CMP15, TKS11]. **Masses** [BMSV18]. **Massive** [BMSV18]. **matching** [ETT08]. **Matter** [UÁM17]. **Measure** [GZYS16, LCZ<sup>+</sup>20, WDD15]. **Measurement** [CR20, PVS19, YW13]. **Measurements** [BYG11, AY10]. **Measures** [KKSS17, Lee15]. **Measuring** [WHS13]. **Mechanism** [CBB17]. **Media** [AKJ<sup>+</sup>18, CLB<sup>+</sup>19b, RGGG18, ABS<sup>+</sup>12]. **Mediated** [Fra16]. **Mediates** [KL17a]. **Memory** [ÁL16]. **Merging** [DDB<sup>+</sup>14]. **Method** [SHHS17]. **Methodology** [DBZ<sup>+</sup>12, GAC<sup>+</sup>11, CM12]. **Methods** [LCZ<sup>+</sup>20, RN09]. **Metric** [WDD15]. **Microblogs** [CLR<sup>+</sup>19]. **Millennial** [RH19]. **minimum** [RDJS07]. **Mining** [AZ19, BWLK10, GZC<sup>+</sup>16, SCS<sup>+</sup>14, PSBY10].

**Misinformation** [DQSZ19, WWW<sup>+</sup>17]. **Mitigating** [SIYL08]. **Mobile** [CSCB07, DV18, PMGO18, SSK<sup>+</sup>17]. **Mobility** [CPX14]. **modalities** [SMRM07]. **Model** [DJBO14, Gae18, KMV15, PMOB11, SGJC20, SW11, SMRM07, VP11, BLW13, CKJA13, CM12, FCBC10, NKTP13]. **Model-Based** [DJBO14]. **Model-directed** [SMRM07]. **Model-Driven** [VP11, CM12, FCBC10]. **Modeling** [MSBB10, MCFL18, PKT17, RH19, TDKC15, XZ17, ZHD07, DWS<sup>+</sup>12, UPS<sup>+</sup>07]. **Modellus** [DWS<sup>+</sup>12]. **Models** [ACC08, BBBF14, HHBT20, LCZ<sup>+</sup>20, WZT<sup>+</sup>17, ZM12]. **modes** [ZCL<sup>+</sup>10]. **Mold** [DLMI16]. **Money** [SCW<sup>+</sup>10]. **Monitoring** [KL10]. **MPEG** [UÁM17]. **MPEG-7** [UÁM17]. **Multi** [BDM17]. **Multi-Dimensional** [BDM17]. **Multidevice** [CMP15]. **Multirelational** [VBM17]. **multitier** [UPS<sup>+</sup>07]. **MultiView** [PBSO14]. **Mutable** [FGH<sup>+</sup>16]. **MyAdChoices** [PAAC17]. **Myths** [SHKK14].

**NautiLOD** [FPG15]. **Naver** [PAL18]. **Navigating** [DWC12, Tho14]. **Navigation** [RP17, WDD15]. **nearest** [MKR07]. **nearest-neighbor** [MKR07]. **Neighbor** [BCC14, MKR07]. **network** [YL08]. **Networks** [AKZ20, ABO<sup>+</sup>16, Gae18, GCH<sup>+</sup>18, KL17a, KH15, MSP<sup>+</sup>17, PBSO14, QA14, RUK19, SLL<sup>+</sup>15, TC20, VBM17, WHGS16, WSPZ12, ZBG<sup>+</sup>15, AMND<sup>+</sup>08, CHC13, Gol09, JWW<sup>+</sup>13, MMB<sup>+</sup>12]. **Neural** [TC20]. **News** [DQSZ19]. **Nodes** [Hog17]. **Noise** [CZZ15]. **Nonfunctional** [FLT15]. **Nonlinear** [MSP<sup>+</sup>17]. **nonsponsored** [Jan07]. **Notices** [CLU16]. **Novel** [GZYS16, LCZ<sup>+</sup>20]. **nuanced** [Gol09]. **Nucleus** [SSPÇ17]. **Numbers** [AKJ<sup>+</sup>18].

**Obfuscation** [RG17]. **Objects** [CRPLM11, DDB<sup>+</sup>14]. **obligations** [RDM09]. **Obscenity** [RG17]. **Observations** [GAC<sup>+</sup>11]. **Obstructing** [RG17]. **off** [FLT15]. **offs** [BYGJ<sup>+</sup>08]. **on-demand** [SRRG07]. **Online** [AKZ20, AKJ<sup>+</sup>18, DGS17, Gae18, GCH<sup>+</sup>18, HGC<sup>+</sup>18, Hua13, KL17a, LLW12, Lee15, PAAC17, SKGY14, SCB17, SCW<sup>+</sup>10, Tho14, WH14, WSPZ12, XZ17, ZBG<sup>+</sup>15, Gol09, JWW<sup>+</sup>13, JGTF10]. **Ontologies** [MTDF18]. **OP** [GTK11]. **OP2** [GTK11]. **Open** [KMV15, LHJL13]. **OpenNet** [GCND<sup>+</sup>15]. **Operable** [BCF16]. **Operations** [SGJC20]. **Opinion** [DLMI16, UÁM17, XZ17]. **Opportunities** [DA15]. **Optimal** [VKY10]. **optimization** [YB08]. **Optimizing** [WYJ<sup>+</sup>18]. **Organizational** [GAC<sup>+</sup>11]. **oriented** [DK08, LMJ10, RCS<sup>+</sup>08, ZHD07]. **OSN** [BCF16, RHLC17]. **OSN-Based** [RHLC17]. **Otherring** [ABLW19]. **outsourced** [SSL09, SSL09]. **Outsourcing** [SGJC20].

**P2P** [HGPS11]. **P3P** [RDM09]. **Packing** [MMMD16]. **Page** [BHW13, EYH20, UÁM17, WYJ<sup>+</sup>18, WST11]. **Pages** [EYH16, WHS13, LLWL09, XLH<sup>+</sup>09]. **Pairwise** [YMZ19]. **PaN** [RP17]. **parallel** [WJH13]. **parsing** [SWL<sup>+</sup>13]. **partitioning** [CKJA13]. **Partners** [TCM<sup>+</sup>18]. **path** [WJH13]. **pattern** [ZHD07]. **Patterns** [BAP13, ZHD07]. **PeaCE** [FGH<sup>+</sup>16]. **PeaCE-Ful** [FGH<sup>+</sup>16]. **Penetrating** [YMZ19]. **Penetrating-rank** [YMZ19]. **People** [AKJ<sup>+</sup>18, KL17b]. **Performance** [BCC14, JKH<sup>+</sup>12, CCFF11, CLB19a]. **Periodicity** [DGS17]. **Personalized** [FLT15]. **Personas** [AKJ<sup>+</sup>18]. **Perspective** [MCFL18, Coo08]. **Phone** [RH19]. **Photo** [SCB17]. **Piggybacking** [CLR<sup>+</sup>19]. **place** [RN09]. **Platform** [KL10, WAP19]. **Platforms** [PKT17, SDC14, WWW<sup>+</sup>17]. **Polarization** [DQSZ19]. **Policies** [WSL<sup>+</sup>19, RDM09]. **Policy** [CRB18, Coo08].

**Political** [Lee15]. **popular** [WBC08].  
**Popularity** [HHBT20, SLP<sup>+</sup>19]. **portal** [AY10]. **Portals** [CLB19a]. **Posts** [WYY<sup>+</sup>15]. **Potential** [DQSZ19]. **Practical** [ALR<sup>+</sup>11, LCLQ19]. **practices** [YW13].  
**Predict** [SLP<sup>+</sup>19]. **Predictability** [HKH<sup>+</sup>16]. **Predicting** [CBB18].  
**Prediction** [BCC14, HHBT20, HKH<sup>+</sup>16, TC20, WZZ<sup>+</sup>16, ABS<sup>+</sup>12]. **Preference** [FLT15]. **Prefetching** [OACU13].  
**Presentation** [RP17, WYJ<sup>+</sup>18].  
**preserving** [PSBY10]. **primitives** [ZHD07].  
**Print** [KL17b]. **Privacy** [BCF16, CLU16, PSBY10, SCB17, TC20, WSL<sup>+</sup>19, Coo08, RDM09]. **Privacy-Aware** [BCF16]. **privacy-enhancing** [Coo08].  
**Privacy-preserving** [PSBY10]. **private** [CHC13]. **Probabilistic** [XZ17, ZYZ16, MSBB10]. **Problem** [MMMD16, AMND<sup>+</sup>08, CM12]. **Process** [RHLCD17, LMJ10, VVCD13, ZHD07].  
**process-driven** [ZHD07]. **Processes** [TDKC15]. **Processing** [CAOU12, FGH<sup>+</sup>16, CKJA13]. **producers** [DAA13]. **profile** [Gol09]. **Profiles** [BCF16, CPX14]. **Profiling** [PMGO18].  
**Progress** [HR13]. **project** [LHJL13].  
**promoters** [MKR07]. **Promoting** [ZLZL16]. **Propagating** [ZWML14].  
**Propagation** [MTDF18, SW11]. **proposals** [CCFF11]. **Protect** [CTC<sup>+</sup>15]. **Protecting** [JBB<sup>+</sup>09]. **protection** [PSBY10]. **Protocol** [DBZ<sup>+</sup>12, Fra16]. **protocols** [RCS<sup>+</sup>08].  
**Provenance** [KMV15]. **Provision** [SLL<sup>+</sup>15]. **Proxy** [PVS19, RDJS07]. **Public** [DLMI16]. **publication** [PT09].

**Q2P** [WMS<sup>+</sup>16]. **QoS** [ARN12, CP09, Hua13, WZZ<sup>+</sup>16, YZL07, ZYZ16].  
**QoS-based** [CP09]. **Quality** [FG18, LLW12, RDW<sup>+</sup>16, GKS<sup>+</sup>08, MSBB10].  
**Quantitative** [WDD15]. **Queries** [BWLK10, CBB18, CASN13, PPPS18, GBF<sup>+</sup>09, Jan07]. **Query** [BWLK10, CAOU12, DDB<sup>+</sup>14, HKH<sup>+</sup>16, OAU11, SXM<sup>+</sup>16, WBdR12, WST11, WMS<sup>+</sup>16, AB08, CKJA13, Coo08, PSBY10, Ric08, SWL<sup>+</sup>13, VKY10, YB08].  
**Query-Dependent** [WST11]. **Query-URL** [SXM<sup>+</sup>16]. **Querying** [TBBI18, QBC13].  
**Question** [SB16]. **quite** [WOHM08].

**Random** [KH15, ZBG<sup>+</sup>15]. **rank** [YMZ19].  
**Ranking** [BDM17, CZZ15, CSL18, SHKK14, ZM12].  
**Rare** [BWLK10]. **Rates** [SLP<sup>+</sup>19]. **Rating** [LLW12]. **Ratings** [LLSL18, SCS<sup>+</sup>14, MKR07, UT11].  
**Rationales** [DA15]. **RDF** [DNPR18, Hog17, LCLQ19, ZTC11].  
**RDF/S** [ZTC11]. **readership** [APV10].  
**Real** [AKJ<sup>+</sup>18, HGPS11, MJ17].  
**Real-Time** [HGPS11]. **Reality** [SHKK14].  
**rebinding** [JBB<sup>+</sup>09]. **Recommendation** [LCZ<sup>+</sup>20, LLSL18, TCM<sup>+</sup>18, VBM17, WZZ<sup>+</sup>16, LLM13, SZG11, VVCD13].  
**recommendations** [UT11].  
**Recommender** [GZYS16, CCF11, RS11, SZG11].  
**Recommending** [ZMZ<sup>+</sup>11]. **records** [BLW13]. **Reduce** [DV18]. **Regular** [BGNV10]. **Relating** [SCW<sup>+</sup>10].  
**Relevance** [SXM<sup>+</sup>16, BKJ13]. **Reliable** [SLL<sup>+</sup>15]. **Remotely** [KL10]. **Reporting** [JGTF10]. **Repositories** [BBBBF14].  
**Representation** [ÁL16, STZL20].  
**Representations** [CN10]. **Representing** [AKJ<sup>+</sup>18]. **Reputation** [PKT17, SCW<sup>+</sup>10, XLWS17].  
**ReputationPro** [ZWZL15]. **Requirements** [VP11]. **Researcher** [GCMG15]. **Resilient** [SLL<sup>+</sup>15]. **RESTful** [BAP13]. **Result** [NAS16, OAU11, OACU13]. **Results** [CR20, DDB<sup>+</sup>14, BKJ13]. **Retention** [SLP<sup>+</sup>19]. **Retrieval** [MCFL18, YMZ19, NKTP13]. **Reusable** [ELM16]. **Review** [ZLKL19, JGTF10].  
**Reviewers** [Dav18c, Dav18a]. **Reviews**



[LLSL18, XZ17]. **Rich** [WDD15, FCBC10, CGM14, DJBO14]. **Robust** [BLW13, PKT17]. **Roles** [RUK19, MKR07]. **Rule** [TBBI18]. **Rule-Based** [TBBI18]. **runtime** [ACC08].

**S** [PMGO18, ZTC11]. **Sample** [WCZ15]. **Sampled** [WCZ15]. **Sampling** [ZBG<sup>+</sup>15]. **Scalable** [AMND<sup>+</sup>08, CBB17, NAS16, CCFF11]. **Scale** [CLU16, CSSL18, JKH<sup>+</sup>12, WSL<sup>+</sup>19, GFTC19, RDM09, XLL<sup>+</sup>10]. **Scaling** [LLWL09]. **Scanpath** [EYH16]. **Scanpaths** [EYH16]. **Scenarios** [PMGO18]. **Schemas** [BGNV10]. **scheme** [AADS13]. **Scoring** [GZC<sup>+</sup>16, PPPS18]. **Scouts** [MKR07]. **Screens** [MJ17]. **Search** [BWLK10, BYG11, BBBF14, CBB18, CZZ15, CAOU12, CR20, CRPLM11, DDB<sup>+</sup>14, DGS17, HKH<sup>+</sup>16, MA14, NAS16, OAU11, OACU13, PWH16, SSL09, SHKK14, TWH14, WYJ<sup>+</sup>18, WH14, ZM12, BYGJ<sup>+</sup>08, CSCB07, GBF<sup>+</sup>09, LJP<sup>+</sup>13, ND08, VKY10, WBC08, WH13, XLL<sup>+</sup>10]. **Search-as-a-service** [SSL09]. **Searching** [BDM17, DWC12]. **Second** [MJ17, OACU13]. **section** [ND08]. **Security** [AADP19, CRB18, AADS13]. **Selection** [BCC14, FLT15, YZL07]. **self** [LSC<sup>+</sup>08]. **self-similarity** [LSC<sup>+</sup>08]. **Semantic** [ELM16, LHJL13, LLM13, AMND<sup>+</sup>08, ETT08, PT09]. **Semantics** [CRB18, RN09]. **Semantics-Based** [CRB18]. **semi** [BLW13]. **semi-structured** [BLW13]. **Sentiment** [CASN13, VCK14, LCZ<sup>+</sup>20]. **Sentiment-Focused** [VCK14]. **Sequence** [SLM13]. **series** [VKY10]. **Servers** [JKH<sup>+</sup>12, SIYL08]. **Service** [BAP13, CBB17, ELM16, FLT15, STZL20, SLL<sup>+</sup>15, SZSA15, WZZ<sup>+</sup>16, WPB13, XLWS17, ZLKL19, ZYZ16, ARN12, CP09, DK08, GKS<sup>+</sup>08, LMJ10, MPvdA<sup>+</sup>10, RCS<sup>+</sup>08, SDN08, SSL09, SIYL08, YB08, ZHD07]. **service-oriented** [LMJ10, RCS<sup>+</sup>08, ZHD07]. **Services** [AADP19, BCGL17, GAC<sup>+</sup>11, Hua13, PMOB11, AADS13, BEP<sup>+</sup>08, ETT08, GKS<sup>+</sup>08, KWLA13, LLM13, PT09, QBC13, YZL07]. **Session** [ZM12]. **Session-Context** [ZM12]. **shared** [RHS09]. **Sharing** [MAY<sup>+</sup>11, MJ17, PAL18]. **Shifts** [PWH16]. **Should** [AST19, WCZ15]. **Side** [DA15, KL10]. **Similar** [BYKS09]. **similarities** [UCFL08]. **Similarity** [GZYS16, KKSS17, LCZ<sup>+</sup>20, YMZ19, Gol09, LSC<sup>+</sup>08]. **Simpler** [PMGO18]. **Simulating** [MCFL18]. **SIP** [DBZ<sup>+</sup>12]. **Site** [GCH<sup>+</sup>18]. **Sites** [FG18]. **Situational** [RGGG18]. **Size** [KH15]. **small** [XLH<sup>+</sup>09]. **smart** [KWLA13]. **Snippet** [LCLQ19]. **SOAP** [DBZ<sup>+</sup>12]. **SOC** [DK08]. **Social** [AKZ20, ABO<sup>+</sup>16, AKJ<sup>+</sup>18, CLB<sup>+</sup>19b, DZS<sup>+</sup>16, Gae18, GCH<sup>+</sup>18, GZC<sup>+</sup>16, KL17a, KH15, MSP<sup>+</sup>17, PBSO14, RUK19, RGGG18, SCS<sup>+</sup>14, SW11, SKGY14, WSPZ12, ZBG<sup>+</sup>15, ABS<sup>+</sup>12, AMND<sup>+</sup>08, CHC13, Gol09, JWW<sup>+</sup>13, SZG11]. **software** [LLM13]. **Solution** [MMMD16]. **source** [BKJ13, GBF<sup>+</sup>09]. **Sources** [DNPR18, BKJ13]. **Spam** [CLR<sup>+</sup>19, LCK<sup>+</sup>12, SSK<sup>+</sup>17, ZWML14, ZLZL16, BCD<sup>+</sup>08, KEG<sup>+</sup>08, UCFL08]. **Spatial** [WZZ<sup>+</sup>16]. **Spatial-Temporal** [WZZ<sup>+</sup>16]. **special** [AB08, DK08, ND08, RS11]. **Specialized** [CRPLM11, RUK19]. **Specific** [DBZ<sup>+</sup>12, SDC14]. **Specification** [VP11, MPvdA<sup>+</sup>10]. **Speech** [ABLW19]. **splogs** [LSC<sup>+</sup>08]. **sponsored** [Jan07]. **Sprite** [MMMD16]. **Stamped** [SLM13]. **Standardized** [CLU16]. **State** [MvDL12]. **Stated** [RDM09]. **statistical** [SWL<sup>+</sup>13]. **Stock** [CLR<sup>+</sup>19]. **storage** [SSL09]. **Strategies** [OAU11]. **Stream** [WCZ15, ZBG<sup>+</sup>15]. **streaming** [SRRG07]. **Stress** [RUK19]. **Structural** [QA14, MK12]. **Structure** [RUK19, BLW13, SMB<sup>+</sup>07]. **structure-knowledge-driven** [BLW13]. **structured** [BLW13, XLH<sup>+</sup>09]. **Studies**

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**Table** [MMH13]. **tag** [SZG11]. **Tagging** [DZS<sup>+</sup>16, KEG<sup>+</sup>08, RHS09]. **tags** [DKM<sup>+</sup>07, RN09]. **Target** [ZWML14]. **Targets** [DQSZ19]. **Team** [RUK19]. **Teams** [ABO<sup>+</sup>16]. **Techniques** [BHW13, CCFF11, Coo08]. **Technology** [AB08]. **Template** [AST19]. **Templates** [WMS<sup>+</sup>16]. **Temporal** [LLSL18, WZZ<sup>+</sup>16, LSC<sup>+</sup>08]. **Temporally** [JWJ<sup>+</sup>18]. **Ten** [CGM14]. **term** [CKJA13, PVS19, Ric08]. **term-based** [CKJA13]. **Test** [AADP19, AADS13]. **Test-Based** [AADP19, AADS13]. **testing** [TM09]. **Text** [MA14, BYKS09]. **Textual** [BBBF14]. **Their** [RUK19, WSPZ12]. **Theory** [QA14]. **Things** [MCFL18]. **Threats** [ABLW19]. **Threats-based** [ABLW19]. **Time** [HGPS11, LCZ<sup>+</sup>20, SLM13, WZZ<sup>+</sup>16, DKM<sup>+</sup>07, VKY10]. **Time-aspect-sentiment** [LCZ<sup>+</sup>20]. **Time-aware** [WZZ<sup>+</sup>16]. **time-series** [VKY10]. **Time-Stamped** [SLM13]. **tomorrow** [DWC12]. **Top** [PPPS18]. **Top-k** [PPPS18]. **Topic** [BHMW11, STZL20, WST11, NKTP13]. **Topic-aware** [STZL20]. **Tor** [BCGL17]. **Tracking** [EYH16, EYH20, UCFL08]. **Trade** [FLT15, BYGJ<sup>+</sup>08]. **Trade-off** [FLT15]. **trade-offs** [BYGJ<sup>+</sup>08]. **Traffic** [PMGO18]. **Trails** [BWLK10, SHHS17]. **Transaction** [ZWZL15]. **Transactions** [SZSA15, SDN08, SMRM07]. **Transcoding** [DA15]. **Transducer** [TBBI18]. **transforming** [XLH<sup>+</sup>09]. **Translation** [JWJ<sup>+</sup>18]. **Translation-Based** [JWJ<sup>+</sup>18]. **Transparency** [PAAC17]. **transparent** [SIYL08]. **transportation** [ZCL<sup>+</sup>10]. **tree** [ÁL16]. **Trend** [EYH16, SLP<sup>+</sup>19]. **Trust** [Gol09, QA14, SLL<sup>+</sup>15, ZWML14, ZWZL15, BKJ13, DFJ<sup>+</sup>12, VVCD13]. **trust-based** [VVCD13]. **TWEB** [Dav18c, Dav18a]. **Twitter** [CLR<sup>+</sup>19, GFTC19, RGGG18, WCZ15, ZBG<sup>+</sup>15, ZLZL16]. **Type** [HGC<sup>+</sup>18]. **Types** [AZ19].

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