Ge Yu

List of Publications by Year
in descending order

189 papers	1,669 citations	623574 14 h-index	501076 28 g-index
191 all docs	191 docs citations	191 times ranked	1491 citing authors

#	Article	IF	Citations
1	Collecting and Analyzing Multidimensional Data with Local Differential Privacy. , 2019, , .		156
2	Differentially private histogram publication. VLDB Journal, 2013, 22, 797-822.	2.7	152
3	New Response Time Bounds for Fixed Priority Multiprocessor Scheduling. , 2009, , .		108
4	Sentiment analysis using deep learning approaches: an overview. Science China Information Sciences, 2020, 63, 1.	2.7	98
5	Differentially Private Histogram Publication. , 2012, , .		80
6	Fixed-Priority Multiprocessor Scheduling with Liu and Layland's Utilization Bound. , 2010, , .		76
7	Efficiently Indexing Large Sparse Graphs for Similarity Search. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 440-451.	4.0	56
8	Efficient Distributed Density Peaks for Clustering Large Data Sets in MapReduce. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 3218-3230.	4.0	48
9	Maximal Subspace Coregulated Gene Clustering. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 83-98.	4.0	40
10	Attention based hierarchical LSTM network for context-aware microblog sentiment classification. World Wide Web, 2019, 22, 59-81.	2.7	40
11	An Iterative Stacking Method for Pipeline Defect Inversion With Complex MFL Signals. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3780-3788.	2.4	35
12	A novel cross-modal hashing algorithm based on multimodal deep learning. Science China Information Sciences, 2017, 60, 1.	2.7	26
13	The min-dist location selection and facility replacement queries. World Wide Web, 2014, 17, 1261-1293.	2.7	21
14	Spatial query processing in road networks for wireless data broadcast. Wireless Networks, 2013, 19, 477-494.	2.0	20
15	Effective and Efficient Clustering Methods for Correlated Probabilistic Graphs. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1117-1130.	4.0	19
16	Detecting Multiple Coexisting Emotions in Microblogs with Convolutional Neural Networks. Cognitive Computation, 2018, 10, 136-155.	3.6	19
17	Schedulability Analysis of Global Fixed-Priority or EDF Multiprocessor Scheduling with Symbolic Model-Checking. , 2008, , .		18
18	Efficient and effective similarity search over probabilistic data based on Earth Mover's Distance. VLDB Journal, 2012, 21, 535-559.	2.7	17

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19	Study on Log-Based Change Data Capture and Handling Mechanism in Real-Time Data Warehouse. , 2008, , .		15
20	Learning Embeddings of Intersections on Road Networks. , 2019, , .		15
21	Automating Incremental and Asynchronous Evaluation for Recursive Aggregate Data Processing. , 2020, , .		15
22	Study on data preprocessing algorithm in Web log mining. , 0, , .		14
23	Static Scheduling and Software Synthesis for Dataflow Graphs with Symbolic Model-Checking. , 2007, , .		14
24	Outlier Detection over Sliding Windows for Probabilistic Data Streams. Journal of Computer Science and Technology, 2010, 25, 389-400.	0.9	14
25	Data-Adaptive Clustering Analysis for Online Botnet Detection. , 2010, , .		14
26	RPE query processing and optimization techniques for XML databases. Journal of Computer Science and Technology, 2004, 19, 224-237.	0.9	13
27	Aggressive Complex Event Processing with Confidence over Out-of-Order Streams. Journal of Computer Science and Technology, 2011, 26, 685-696.	0.9	13
28	A Novel Approach Based on Multi-View Content Analysis and Semi-Supervised Enrichment for Movie Recommendation. Journal of Computer Science and Technology, 2013, 28, 776-787.	0.9	13
29	Modulo Based Data Placement Algorithm for Energy Consumption Optimization of MapReduce System. Journal of Grid Computing, 2018, 16, 409-424.	2.5	13
30	Query Intent Disambiguation of Keyword-Based Semantic Entity Search in Dataspaces. Journal of Computer Science and Technology, 2013, 28, 382-393.	0.9	12
31	An Efficient Algorithm for Distributed Outlier Detection in Large Multi-Dimensional Datasets. Journal of Computer Science and Technology, 2015, 30, 1233-1248.	0.9	12
32	Searching overlapping communities for group query. World Wide Web, 2016, 19, 1179-1202.	2.7	12
33	Haery: A Hadoop Based Query System on Accumulative and High-Dimensional Data Model for Big Data. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1362-1377.	4.0	12
34	Resolving heterogeneity of Web-service composition in network manufacturing based on ontology. International Journal of Computer Integrated Manufacturing, 2007, 20, 222-233.	2.9	11
35	A Weighted Aggregation Rule in Crowdsourcing Systems for High Result Accuracy. , 2014, , .		11
36	Method of evolutionary neural network-based intrusion detection. , 0, , .		10

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37	Hopf Bifurcation in an SEIDQV Worm Propagation Model with Quarantine Strategy. Discrete Dynamics in Nature and Society, 2012, 2012, 1-18.	0.5	10
38	Semantic movie summarization based on string of IE-RoleNets. Computational Visual Media, 2015, 1, 129-141.	10.8	10
39	Effective schema-based XML query optimization techniques. , 0, , .		9
40	Priority-Based Balance Scheduling in Real-Time Data Warehouse. , 2009, , .		9
41	R-HBase: A Multi-dimensional Indexing Framework for Cloud Computing Environment. , 2014, , .		9
42	A safe region based approach to moving KNN queries in obstructed space. Knowledge and Information Systems, 2015, 45, 417-451.	2.1	9
43	SAMES: deadline-constraint scheduling in MapReduce. Frontiers of Computer Science, 2015, 9, 128-141.	1.6	9
44	INSQ: An influential neighbor set based moving kNN query processing system. , 2016, , .		9
45	Inferring Anchor Links Based on Social Network Structure. IEEE Access, 2018, 6, 17340-17353.	2.6	9
46	Leveraging Cognitive Diagnosis to Improve Peer Assessment in MOOCs. IEEE Access, 2021, 9, 50466-50484.	2.6	9
47	On Representation Learning for Road Networks. ACM Transactions on Intelligent Systems and Technology, 2021, 12, 1-27.	2.9	9
48	Managing very large document collections using semantics. Journal of Computer Science and Technology, 2003, 18, 403-406.	0.9	8
49	WIN: An E.cient Data Placement Strategy for Parallel XML Databases. , 0, , .		8
50	Tracking Knowledge Structures and Proficiencies of Students With Learning Transfer. IEEE Access, 2021, 9, 55413-55421.	2.6	8
51	A Reconfigurable RTOS with HW/SW Co-scheduling for SOPC. , 0, , .		7
52	An Entity Relation Extraction Model Based on Semantic Pattern Matching. , 2011, , .		7
53	A Throughput Driven Task Scheduler for Improving MapReduce Performance in Job-Intensive Environments. , 2013, , .		7
54	Interval reverse nearest neighbor queries on uncertain data with Markov correlations. , 2013, , .		7

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55	A BSP-Based Parallel Iterative Processing System with Multiple Partition Strategies for Big Graphs. , 2013, , .		7
56	Group Location Selection Queries over Uncertain Objects. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 2796-2808.	4.0	7
57	Analyzing the Waiting Energy Consumption of NoSQL Databases. , 2014, , .		7
58	An I/O-efficient and adaptive fault-tolerant framework for distributed graph computations. Distributed and Parallel Databases, 2017, 35, 177-196.	1.0	7
59	Improved Schedulability Analysis of EDF Scheduling on Reconfigurable Hardware Devices. , 2007, , .		6
60	A Hybrid Image Segmentation Approach Using Watershed Transform and FCM. , 2007, , .		6
61	Detecting and Defending against Worm Attacks Using Bot-honeynet. , 2009, , .		6
62	Efficient fuzzy ranking queries in uncertain databases. Applied Intelligence, 2012, 37, 47-59.	3.3	6
63	Energy efficient approximate self-adaptive data collection in wireless sensor networks. Frontiers of Computer Science, 2016, 10, 936-950.	1.6	6
64	An efficient parallel method for batched OS-ELM training using MapReduce. Memetic Computing, 2017, 9, 183-197.	2.7	6
65	Mining coterie patterns from Instagram photo trajectories for recommending popular travel routes. Frontiers of Computer Science, 2017, 11, 1007-1022.	1.6	6
66	Private Blocking Technique for Multi-party Privacy-Preserving Record Linkage. Data Science and Engineering, 2017, 2, 187-196.	4.6	6
67	bSpace: A Data Cleaning Approach for RFID Data Streams Based on Virtual Spatial Granularity. , 2009, , .		5
68	An Efficient Method for Cleaning Dirty-Events over Uncertain Data in WSNs. Journal of Computer Science and Technology, 2011, 26, 942-953.	0.9	5
69	TA-MCF: Thermal-Aware Fluid Scheduling for Mixed-Criticality System. Journal of Circuits, Systems and Computers, 2019, 28, 1950029.	1.0	5
70	BrePartition: Optimized High-Dimensional *k*NN Search With Bregman Distances. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1053-1065.	4.0	5
71	The study of key techniques in intelligent XML search engine. , 0, , .		4
72	An OTST-ESPRIT algorithm for joint DOA-delay estimation. , 0, , .		4

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73	CDS-Tree: An Effective Index for Clustering Arbitrary Shapes in Data Streams. , 0, , .		4
74	Homology priority task scheduling in Î¼C/OS-II real-time kernel. Wuhan University Journal of Natural Sciences, 2007, 12, 946-950.	0.2	4
75	A Role and Context Based Access Control Model with UML. , 2008, , .		4
76	Online Botnet Detection by Continuous Similarity Monitoring. , 2009, , .		4
77	Intelligent Similarity Joins for Big Data Integration. , 2013, , .		4
78	Personalized Sentiment Classification Based on Latent Individuality of Microblog Users. , 2017, , 197-214.		4
79	HBP: Hotness Balanced Partition for Prioritized Iterative Graph Computations. , 2020, , .		4
80	Next point-of-interest recommendation by sequential feature mining and public preference awareness. Journal of Intelligent and Fuzzy Systems, 2021, 40, 4075-4090.	0.8	4
81	Data placement and query processing based on RPE parallelisms. , 0, , .		3
82	PathGuide: an efficient clustering based indexing method for XML path expressions. , 2003, , .		3
83	Extracting result schema based on query instances in the Deep Web. Wuhan University Journal of Natural Sciences, 2007, 12, 835-839.	0.2	3
84	Holistically Stream-based Processing Xtwig Queries. World Wide Web, 2008, 11, 407-425.	2.7	3
85	A WAW Model of P2P-based Anti-worm. , 2008, , .		3
86	An algorithm resistive to invertibility attack in watermarking relational databases. , 2009, , .		3
87	A novel approach for mining multiple data streams based on lag correlation. , 2011, , .		3
88	An Improved Algorithm to Enhance the Utilization of Shortest Path Caches. , 2013, , .		3
89	Topological Features Based Entity Disambiguation. Journal of Computer Science and Technology, 2016, 31, 1053-1068.	0.9	3
90	Uncertain top-k query processing in distributed environments. Distributed and Parallel Databases, 2016, 34, 567-589.	1.0	3

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91	Discovering context-aware conditional functional dependencies. Frontiers of Computer Science, 2017, 11, 688-701.	1.6	3
92	Sequence Translating Model Using Deep Neural Block Cascade Network: Taking Protein Secondary Structure Prediction as an Example. , 2018, , .		3
93	Accelerating Large-Scale Prioritized Graph Computations by Hotness Balanced Partition. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 746-759.	4.0	3
94	An integrated pipeline model for biomedical entity alignment. Frontiers of Computer Science, 2021, 15, 1.	1.6	3
95	Fast search for thresholds from 1D and 2D histograms by an iterative algorithm for image segmentation. , 0, , .		2
96	Correlating Alerts with a Data Mining Based Approach. , 0, , .		2
97	Improving the k-NN and applying it to Chinese text classification. , 2005, , .		2
98	An Approach for Composing Web Services on Demand. , 2006, , .		2
99	A New Density-Based Method for Reducing the Amount of Training Data in k-NN Text Classification. , 2007, , .		2
100	Study and implementation of a new SQL-based ETL approach. Wuhan University Journal of Natural Sciences, 2007, 12, 804-808.	0.2	2
101	Underwater Glider Embedded Control System Design Based on QNX Real-time Kernel. , 2008, , .		2
102	A Parameter Choosing Method of SVR for Time Series Prediction. , 2008, , .		2
103	FSMBO: Fast Time Series Similarity Matching Based on Bit Operation. , 2008, , .		2
104	Diurnal Forced Models for Worm Propagation Based on Conficker Dataset. , 2011, , .		2
105	A Multilayer Method of Schema Matching Based on Semantic and Functional Dependencies. , 2012, , .		2
106	EUDEMON: A System for Online Video Frame Copy Detection by Earth Mover's Distance. , 2012, , .		2
107	Two-level interactive identification and derivation of topic clusters in complex networks. World Wide Web, 2015, 18, 1093-1122.	2.7	2
108	Content-Related Repairing of Inconsistencies in Distributed Data. Journal of Computer Science and Technology, 2016, 31, 741-758.	0.9	2

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109	Research on Influence Evaluation Based on RkNN and Its Application in Location Problem. , 2017, , .		2
110	User Identification across Social Networks Based on Global View Features. , 2017, , .		2
111	A Scheduling Algorithm of Events with Uncertain Timestamps for CPS. , 2017, , .		2
112	A Tree-Based Indexing Approach for Diverse Textual Similarity Search. IEEE Access, 2021, 9, 8866-8876.	2.6	2
113	An evaluation and query algorithm for the influence of spatial location based on RkNN. Frontiers of Computer Science, 2021, 15, 1.	1.6	2
114	A Dropout Prediction Framework Combined with Ensemble Feature Selection. , 2020, , .		2
115	SINN: A speaker influence aware neural network model for emotion detection in conversations. World Wide Web, 2021, 24, 2019-2048.	2.7	2
116	Compress Blocks or Not: Tradeoffs for Energy Consumption of a Big Data Processing System. IEEE Transactions on Sustainable Computing, 2022, 7, 112-124.	2.2	2
117	Indoor Positioning System Based on Standardizing Waveform Tendency. Journal of Sensors, 2021, 2021, 1-10.	0.6	2
118	Applying signature filtering technique to join algorithms. , 1999, , .		1
119	Incorporate components into workflow application systems. , 2000, , .		1
120	Partition Frequency Distance based Filter Method for Finding Approximate Repetitions in DNA Sequences. , 2006, , .		1
121	Correlation Analysis Based on Hierarchical Boolean Representation over Time Series Data Streams. , 2007, , .		1
122	An Adaptive Join Strategy in Distributed Data Stream Management System. , 2007, , .		1
123	KDS-CM: A cache mechanism based on top-K data source for Deep Web query. Wuhan University Journal of Natural Sciences, 2007, 12, 830-834.	0.2	1
124	Research on Web-Based Multi-Agent System for Aeroengine Fault Diagnosis. , 2008, , .		1
125	Research on Resource Access Control Protocol Based on Layered Scheduling Algorithm. , 2008, , .		1
126	Modeling and Service Capability Evaluation for RFID Complex Event Processing. , 2008, , .		1

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127	LG-ERM: An Entity-Level Ranking Mechanism for Deep Web Query. , 2008, , .		1
128	A Data Storage Method Based on Query Processing Region in Wireless Sensor Networks. , 2008, , .		1
129	Case Study on Modeling Approaches and Framework of Scientific Data Cleaning. , 2009, , .		1
130	Modeling the Cooperation Between Malicious Codes. , 2009, , .		1
131	Modeling the Chaotic Dynamics of Early Worm Propagation. , 2009, , .		1
132	Combining Local Scoring and Global Aggregation to Rank Entities for Deep Web Queries. Journal of Computer Science and Technology, 2009, 24, 626-637.	0.9	1
133	Research on Event Prediction Algorithm Based on Event Sequence Semantic. , 2009, , .		1
134	DSSM: A Data Sources Selection Model for Deep Web. , 2009, , .		1
135	An Effective and High-quality Query Relaxation Solution on the Deep Web. , 2010, , .		1
136	The Worm Propagation Model with Pulse Quarantine Strategy. , 2010, , .		1
137	Efficient Keyword Search for SLCA in Parallel XML Databases. , 2011, , .		1
138	Study of an RFID Based Object-Relationship Recognition System. , 2012, , .		1
139	SIER: An Efficient Entity Resolution Mechanism Combining SNM and Iteration. , 2014, , .		1
140	Research on MapReduce Based Incremental Iterative Model and Framework. IETE Journal of Research, 2015, 61, 32-40.	1.8	1
141	Efficient similarity join based on Earth Mover's Distance using MapReduce. , 2016, , .		1
142	Combining Influence and Sensitivity to Factorize Matrix for Multi-Context Recommendation. , 2016, , .		1
143	A genetic algorithm based entity resolution approach with active learning. Frontiers of Computer Science, 2017, 11, 147-159.	1.6	1
144	A private entity matching approach for multiple databases. Journal of Intelligent and Fuzzy Systems, 2020, 38, 4403-4414.	0.8	1

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145	Efficient private multi-party numerical records matching. Frontiers of Computer Science, 2020, 14, 1.	1.6	1
146	Biomedical entity linking based on less labeled data. Frontiers of Computer Science, 2022, 16, 1.	1.6	1
147	LayerLSH: Rebuilding Locality-Sensitive Hashing Indices by Exploring Density of Hash Values. IEEE Access, 2022, 10, 69851-69865.	2.6	1
148	Constraints for information cooperation in virtual enterprise systems. , 0, , .		0
149	Analysis and evaluation of resources utility strategies for parallel path expression algorithms on DSVM. , 2000, , .		0
150	A non-blocking locking method and performance evaluation on network of workstations. Journal of Computer Science and Technology, 2001, 16, 25-38.	0.9	0
151	Performance evaluation of a parallel cascade semijoin algorithm for computing path expressions in object database systems. Journal of Computer Science and Technology, 2002, 17, 140-151.	0.9	0
152	An OS-esprit algorithm for estimation DOA in wireless communications. , 0, , .		0
153	A Remote Wire/Wireless Video Monitor System Using HW/SW Co-scheduling RTOS. , 0, , .		0
154	Building A Document Class Hierarchy for Obtaining More Proper Bibliographies from Web. , 0, , .		0
155	A Filter-based Approach for Optimizing Top-k Queries in Wireless Sensor Networks. , 2006, , .		0
156	Frequent Tables for Fast K-Anonymization. , 2006, , .		0
157	A Slack Factors Based Real-Time Query Processing Approach in Wireless Sensor Networks. , 2006, , .		0
158	Innovating Database Technology for Advanced Applications. , 2007, , .		0
159	IBFS-HDI: an Effective Resource Searching Model in Database Grid under Pure Unstructured P2P Framework. , 2007, , .		0
160	An efficient multi-keyword query processing strategy on P2P based Web search. Wuhan University Journal of Natural Sciences, 2007, 12, 881-886.	0.2	0
161	Continually Answering Constraint k-NN Queries in Unstructured P2P Systems. Journal of Computer Science and Technology, 2008, 23, 538-556.	0.9	0
162	SMM: An Effective Schema Matching Model for Data Grids. , 2008, , .		0

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163	Energy and Surveillance Quality Sensitive Scheduling Scheme for Composite Event Detection in Wireless Sensor Networks. , 2008, , .		0
164	Amir: An Active Multi-Path Inter-Domain Routing Protocol. , 2009, , .		0
165	Fast filtering false active subspaces for efficient high dimensional similarity processing. Science in China Series F: Information Sciences, 2009, 52, 286-294.	1.1	0
166	Case Study on Multi-classifications Based Scientific Data Management and Analysis System. , 2009, , .		0
167	A Signature-Behavior-Based P2P Worm Detection Approach. , 2009, , .		0
168	A novel approach for Web data extraction based on XML encoding. , 2010, , .		0
169	An engineering approach to block network address in inter-domain. , 2012, , .		0
170	Bifurcation in a delayed worm propagation model with birth and death rates. , 2012, , .		0
171	A Reprocessing Model for Complete Execution of RFID Access Operations on Tag Memory. Journal of Computer Science and Technology, 2012, 27, 213-224.	0.9	0
172	A Framework for Supporting Tree-Like Indexes on the Chord Overlay. Journal of Computer Science and Technology, 2013, 28, 962-972.	0.9	0
173	Determining the minimum scan scope of UTop-k queries in uncertain databases. , 2013, , .		0
174	Modeling and analysis of interaction of two mutualistic symbiosis worms. , 2013, , .		0
175	Modeling Information Propagation in Chinese Microblogs Based on User Activity Influence. , 2013, , .		0
176	A Friend Recommendation Algorithm Based on Multiple Factors in LBSNs. , 2015, , .		0
177	A Method to Discover Truth with Two Source Quality Metrics. , 2015, , .		0
178	A Progressive Method for Detecting Duplication Entities Based on Bloom Filters. , 2017, , .		0
179	An interest propagation based movie recommendation method for social tagging system. , 2017, , .		0
180	Strongly connected components based efficient computation of page rank. Frontiers of Computer Science, 2018, 12, 1208-1219.	1.6	0

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181	Mim: A Merge Iteration and Its Applications for Big Data. IEEE Access, 2018, 6, 66984-66997.	2.6	0
182	Differentially Private Top-k Frequent Columns Publication for High-Dimensional Data. IEEE Access, 2019, 7, 177342-177353.	2.6	0
183	HGraph: I/O-efficient Distributed and Iterative Graph Computing by Hybrid Pushing/Pulling. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	4.0	0
184	Constructing Effective Caches of Shortest Path Queries on Road Networks. IEEE Access, 2020, 8, 193777-193789.	2.6	0
185	Finding Communities by Decomposing and Embedding Heterogeneous Information Network. Journal of Computer Science and Technology, 2020, 35, 320-337.	0.9	0
186	Offline Multi-Policy Gradient for Latent Mixture Environments. IEEE Access, 2021, 9, 801-812.	2.6	0
187	Modeling and stability analysis of the propagation of a worm. , 2014, , .		0
188	Innovating Database Technology for Advanced Applications. , 2007, , .		0
189	An enhanced privacy-preserving record linkage approach for multiple databases. Cluster Computing, 0, , .	3.5	0