Ge Yu

List of Publications by Year
in descending order

189 papers	1,669 citations	623188 14 h-index	500791 28 g-index
191 all docs	191 docs citations	191 times ranked	1491 citing authors

#	Article	IF	Citations
1	BrePartition: Optimized High-Dimensional kNN Search With Bregman Distances. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1053-1065.	4.0	5
2	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
3	Biomedical entity linking based on less labeled data. Frontiers of Computer Science, 2022, 16, 1.	1.6	1
4	LayerLSH: Rebuilding Locality-Sensitive Hashing Indices by Exploring Density of Hash Values. IEEE Access, 2022, 10, 69851-69865.	2.6	1
5	A Tree-Based Indexing Approach for Diverse Textual Similarity Search. IEEE Access, 2021, 9, 8866-8876.	2.6	2
6	An evaluation and query algorithm for the influence of spatial location based on RkNN. Frontiers of Computer Science, 2021, 15, 1.	1.6	2
7	Tracking Knowledge Structures and Proficiencies of Students With Learning Transfer. IEEE Access, 2021, 9, 55413-55421.	2.6	8
8	Accelerating Large-Scale Prioritized Graph Computations by Hotness Balanced Partition. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 746-759.	4.0	3
9	Leveraging Cognitive Diagnosis to Improve Peer Assessment in MOOCs. IEEE Access, 2021, 9, 50466-50484.	2.6	9
10	An integrated pipeline model for biomedical entity alignment. Frontiers of Computer Science, 2021, 15, 1.	1.6	3
11	On Representation Learning for Road Networks. ACM Transactions on Intelligent Systems and Technology, 2021, 12, 1-27.	2.9	9
12	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
13	Offline Multi-Policy Gradient for Latent Mixture Environments. IEEE Access, 2021, 9, 801-812.	2.6	0
14	SINN: A speaker influence aware neural network model for emotion detection in conversations. World Wide Web, 2021, 24, 2019-2048.	2.7	2
15	Indoor Positioning System Based on Standardizing Waveform Tendency. Journal of Sensors, 2021, 2021, 1-10.	0.6	2
16	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
17	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
18	Sentiment analysis using deep learning approaches: an overview. Science China Information Sciences, 2020, 63, 1.	2.7	98

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19	A private entity matching approach for multiple databases. Journal of Intelligent and Fuzzy Systems, 2020, 38, 4403-4414.	0.8	1
20	Constructing Effective Caches of Shortest Path Queries on Road Networks. IEEE Access, 2020, 8, 193777-193789.	2.6	0
21	HBP: Hotness Balanced Partition for Prioritized Iterative Graph Computations. , 2020, , .		4
22	Finding Communities by Decomposing and Embedding Heterogeneous Information Network. Journal of Computer Science and Technology, 2020, 35, 320-337.	0.9	0
23	Efficient private multi-party numerical records matching. Frontiers of Computer Science, 2020, 14, 1.	1.6	1
24	Automating Incremental and Asynchronous Evaluation for Recursive Aggregate Data Processing. , 2020, , .		15
25	A Dropout Prediction Framework Combined with Ensemble Feature Selection. , 2020, , .		2
26	Collecting and Analyzing Multidimensional Data with Local Differential Privacy. , 2019, , .		156
27	Differentially Private Top-k Frequent Columns Publication for High-Dimensional Data. IEEE Access, 2019, 7, 177342-177353.	2.6	0
28	Learning Embeddings of Intersections on Road Networks. , 2019, , .		15
29	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
30	TA-MCF: Thermal-Aware Fluid Scheduling for Mixed-Criticality System. Journal of Circuits, Systems and Computers, 2019, 28, 1950029.	1.0	5
31	Attention based hierarchical LSTM network for context-aware microblog sentiment classification. World Wide Web, 2019, 22, 59-81.	2.7	40
32	Inferring Anchor Links Based on Social Network Structure. IEEE Access, 2018, 6, 17340-17353.	2.6	9
33	Modulo Based Data Placement Algorithm for Energy Consumption Optimization of MapReduce System. Journal of Grid Computing, 2018, 16, 409-424.	2.5	13
34	Strongly connected components based efficient computation of page rank. Frontiers of Computer Science, 2018, 12, 1208-1219.	1.6	0
35	Detecting Multiple Coexisting Emotions in Microblogs with Convolutional Neural Networks. Cognitive Computation, 2018, 10, 136-155.	3.6	19
36	Mim: A Merge Iteration and Its Applications for Big Data. IEEE Access, 2018, 6, 66984-66997.	2.6	0

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37	Sequence Translating Model Using Deep Neural Block Cascade Network: Taking Protein Secondary Structure Prediction as an Example. , 2018, , .		3
38	A genetic algorithm based entity resolution approach with active learning. Frontiers of Computer Science, 2017, 11, 147-159.	1.6	1
39	An efficient parallel method for batched OS-ELM training using MapReduce. Memetic Computing, 2017, 9, 183-197.	2.7	6
40	A novel cross-modal hashing algorithm based on multimodal deep learning. Science China Information Sciences, 2017, 60, 1.	2.7	26
41	An I/O-efficient and adaptive fault-tolerant framework for distributed graph computations. Distributed and Parallel Databases, 2017, 35, 177-196.	1.0	7
42	Discovering context-aware conditional functional dependencies. Frontiers of Computer Science, 2017, 11, 688-701.	1.6	3
43	Personalized Sentiment Classification Based on Latent Individuality of Microblog Users. , 2017, , 197-214.		4
44	Mining coterie patterns from Instagram photo trajectories for recommending popular travel routes. Frontiers of Computer Science, 2017, 11, 1007-1022.	1.6	6
45	Private Blocking Technique for Multi-party Privacy-Preserving Record Linkage. Data Science and Engineering, 2017, 2, 187-196.	4.6	6
46	Research on Influence Evaluation Based on RkNN and Its Application in Location Problem. , 2017, , .		2
47	User Identification across Social Networks Based on Global View Features. , 2017, , .		2
48	A Scheduling Algorithm of Events with Uncertain Timestamps for CPS. , 2017, , .		2
49	A Progressive Method for Detecting Duplication Entities Based on Bloom Filters. , 2017, , .		0
50	An interest propagation based movie recommendation method for social tagging system. , 2017, , .		0
51	Efficient similarity join based on Earth Mover's Distance using MapReduce. , 2016, , .		1
52	Combining Influence and Sensitivity to Factorize Matrix for Multi-Context Recommendation. , 2016, , .		1
53	Topological Features Based Entity Disambiguation. Journal of Computer Science and Technology, 2016, 31, 1053-1068.	0.9	3
54	Energy efficient approximate self-adaptive data collection in wireless sensor networks. Frontiers of Computer Science, 2016, 10, 936-950.	1.6	6

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55	INSQ: An influential neighbor set based moving kNN query processing system. , 2016, , .		9
56	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
57	Content-Related Repairing of Inconsistencies in Distributed Data. Journal of Computer Science and Technology, 2016, 31, 741-758.	0.9	2
58	Uncertain top-k query processing in distributed environments. Distributed and Parallel Databases, 2016, 34, 567-589.	1.0	3
59	Searching overlapping communities for group query. World Wide Web, 2016, 19, 1179-1202.	2.7	12
60	A Friend Recommendation Algorithm Based on Multiple Factors in LBSNs. , 2015, , .		0
61	A Method to Discover Truth with Two Source Quality Metrics. , 2015, , .		0
62	Semantic movie summarization based on string of IE-RoleNets. Computational Visual Media, 2015, 1, 129-141.	10.8	10
63	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
64	Research on MapReduce Based Incremental Iterative Model and Framework. IETE Journal of Research, 2015, 61, 32-40.	1.8	1
65	Two-level interactive identification and derivation of topic clusters in complex networks. World Wide Web, 2015, 18, 1093-1122.	2.7	2
66	A safe region based approach to moving KNN queries in obstructed space. Knowledge and Information Systems, 2015, 45, 417-451.	2.1	9
67	SAMES: deadline-constraint scheduling in MapReduce. Frontiers of Computer Science, 2015, 9, 128-141.	1.6	9
68	R-HBase: A Multi-dimensional Indexing Framework for Cloud Computing Environment. , 2014, , .		9
69	Analyzing the Waiting Energy Consumption of NoSQL Databases. , 2014, , .		7
70	A Weighted Aggregation Rule in Crowdsourcing Systems for High Result Accuracy. , 2014, , .		11
71	Effective and Efficient Clustering Methods for Correlated Probabilistic Graphs. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1117-1130.	4.0	19
72	The min-dist location selection and facility replacement queries. World Wide Web, 2014, 17, 1261-1293.	2.7	21

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73	SIER: An Efficient Entity Resolution Mechanism Combining SNM and Iteration. , 2014, , .		1
74	Modeling and stability analysis of the propagation of a worm. , 2014, , .		0
75	Spatial query processing in road networks for wireless data broadcast. Wireless Networks, 2013, 19, 477-494.	2.0	20
76	Query Intent Disambiguation of Keyword-Based Semantic Entity Search in Dataspaces. Journal of Computer Science and Technology, 2013, 28, 382-393.	0.9	12
77	Differentially private histogram publication. VLDB Journal, 2013, 22, 797-822.	2.7	152
78	A Throughput Driven Task Scheduler for Improving MapReduce Performance in Job-Intensive Environments. , 2013, , .		7
79	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
80	A Framework for Supporting Tree-Like Indexes on the Chord Overlay. Journal of Computer Science and Technology, 2013, 28, 962-972.	0.9	0
81	Determining the minimum scan scope of UTop-k queries in uncertain databases. , 2013, , .		0
82	An Improved Algorithm to Enhance the Utilization of Shortest Path Caches. , 2013, , .		3
83	Modeling and analysis of interaction of two mutualistic symbiosis worms. , 2013, , .		0
84	Modeling Information Propagation in Chinese Microblogs Based on User Activity Influence. , 2013, , .		0
85	Interval reverse nearest neighbor queries on uncertain data with Markov correlations. , 2013, , .		7
86	A BSP-Based Parallel Iterative Processing System with Multiple Partition Strategies for Big Graphs. , 2013, , .		7
87	Intelligent Similarity Joins for Big Data Integration. , 2013, , .		4
88	Group Location Selection Queries over Uncertain Objects. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 2796-2808.	4.0	7
89	Study of an RFID Based Object-Relationship Recognition System. , 2012, , .		1
90	A Multilayer Method of Schema Matching Based on Semantic and Functional Dependencies. , 2012, , .		2

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91	Hopf Bifurcation in an SEIDQV Worm Propagation Model with Quarantine Strategy. Discrete Dynamics in Nature and Society, 2012, 2012, 1-18.	0.5	10
92	An engineering approach to block network address in inter-domain. , 2012, , .		0
93	Differentially Private Histogram Publication. , 2012, , .		80
94	EUDEMON: A System for Online Video Frame Copy Detection by Earth Mover's Distance. , 2012, , .		2
95	Bifurcation in a delayed worm propagation model with birth and death rates. , 2012, , .		0
96	Efficiently Indexing Large Sparse Graphs for Similarity Search. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 440-451.	4.0	56
97	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
98	Efficient and effective similarity search over probabilistic data based on Earth Mover's Distance. VLDB Journal, 2012, 21, 535-559.	2.7	17
99	Efficient fuzzy ranking queries in uncertain databases. Applied Intelligence, 2012, 37, 47-59.	3.3	6
100	Diurnal Forced Models for Worm Propagation Based on Conficker Dataset. , 2011, , .		2
101	Aggressive Complex Event Processing with Confidence over Out-of-Order Streams. Journal of Computer Science and Technology, 2011, 26, 685-696.	0.9	13
102	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
103	A novel approach for mining multiple data streams based on lag correlation. , 2011, , .		3
104	An Entity Relation Extraction Model Based on Semantic Pattern Matching. , 2011, , .		7
105	Efficient Keyword Search for SLCA in Parallel XML Databases. , 2011, , .		1
106	Outlier Detection over Sliding Windows for Probabilistic Data Streams. Journal of Computer Science and Technology, 2010, 25, 389-400.	0.9	14
107	An Effective and High-quality Query Relaxation Solution on the Deep Web. , 2010, , .		1
108	The Worm Propagation Model with Pulse Quarantine Strategy. , 2010, , .		1

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109	Data-Adaptive Clustering Analysis for Online Botnet Detection. , 2010, , .		14
110	A novel approach for Web data extraction based on XML encoding. , 2010, , .		0
111	Fixed-Priority Multiprocessor Scheduling with Liu and Layland's Utilization Bound. , 2010, , .		76
112	Case Study on Modeling Approaches and Framework of Scientific Data Cleaning. , 2009, , .		1
113	An algorithm resistive to invertibility attack in watermarking relational databases. , 2009, , .		3
114	Modeling the Cooperation Between Malicious Codes. , 2009, , .		1
115	Amir: An Active Multi-Path Inter-Domain Routing Protocol. , 2009, , .		0
116	New Response Time Bounds for Fixed Priority Multiprocessor Scheduling. , 2009, , .		108
117	Modeling the Chaotic Dynamics of Early Worm Propagation. , 2009, , .		1
118	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
119	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
120	Research on Event Prediction Algorithm Based on Event Sequence Semantic. , 2009, , .		1
121	Priority-Based Balance Scheduling in Real-Time Data Warehouse. , 2009, , .		9
122	Online Botnet Detection by Continuous Similarity Monitoring. , 2009, , .		4
123	DSSM: A Data Sources Selection Model for Deep Web. , 2009, , .		1
124	bSpace: A Data Cleaning Approach for RFID Data Streams Based on Virtual Spatial Granularity. , 2009, , .		5
125	Case Study on Multi-classifications Based Scientific Data Management and Analysis System. , 2009, , .		0
126	Detecting and Defending against Worm Attacks Using Bot-honeynet. , 2009, , .		6

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127	A Signature-Behavior-Based P2P Worm Detection Approach. , 2009, , .		0
128	Holistically Stream-based Processing Xtwig Queries. World Wide Web, 2008, 11, 407-425.	2.7	3
129	Continually Answering Constraint k-NN Queries in Unstructured P2P Systems. Journal of Computer Science and Technology, 2008, 23, 538-556.	0.9	0
130	Study on Log-Based Change Data Capture and Handling Mechanism in Real-Time Data Warehouse. , 2008, , .		15
131	Research on Web-Based Multi-Agent System for Aeroengine Fault Diagnosis. , 2008, , .		1
132	A WAW Model of P2P-based Anti-worm. , 2008, , .		3
133	Underwater Glider Embedded Control System Design Based on QNX Real-time Kernel. , 2008, , .		2
134	Schedulability Analysis of Global Fixed-Priority or EDF Multiprocessor Scheduling with Symbolic Model-Checking. , 2008, , .		18
135	Research on Resource Access Control Protocol Based on Layered Scheduling Algorithm. , 2008, , .		1
136	Modeling and Service Capability Evaluation for RFID Complex Event Processing. , 2008, , .		1
137	LG-ERM: An Entity-Level Ranking Mechanism for Deep Web Query. , 2008, , .		1
138	A Parameter Choosing Method of SVR for Time Series Prediction. , 2008, , .		2
139	A Role and Context Based Access Control Model with UML. , 2008, , .		4
140	Maximal Subspace Coregulated Gene Clustering. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 83-98.	4.0	40
141	A Data Storage Method Based on Query Processing Region in Wireless Sensor Networks. , 2008, , .		1
142	SMM: An Effective Schema Matching Model for Data Grids. , 2008, , .		0
143	Energy and Surveillance Quality Sensitive Scheduling Scheme for Composite Event Detection in Wireless Sensor Networks. , 2008, , .		0
144	FSMBO: Fast Time Series Similarity Matching Based on Bit Operation. , 2008, , .		2

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145	Innovating Database Technology for Advanced Applications. , 2007, , .		0
146	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
147	Correlation Analysis Based on Hierarchical Boolean Representation over Time Series Data Streams. , 2007, , .		1
148	Static Scheduling and Software Synthesis for Dataflow Graphs with Symbolic Model-Checking. , 2007, , .		14
149	A New Density-Based Method for Reducing the Amount of Training Data in k-NN Text Classification. , 2007, , .		2
150	Improved Schedulability Analysis of EDF Scheduling on Reconfigurable Hardware Devices. , 2007, , .		6
151	IBFS-HDI: an Effective Resource Searching Model in Database Grid under Pure Unstructured P2P Framework. , 2007, , .		0
152	An Adaptive Join Strategy in Distributed Data Stream Management System. , 2007, , .		1
153	A Hybrid Image Segmentation Approach Using Watershed Transform and FCM. , 2007, , .		6
154	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
155	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
156	Extracting result schema based on query instances in the Deep Web. Wuhan University Journal of Natural Sciences, 2007, 12, 835-839.	0.2	3
157	Study and implementation of a new SQL-based ETL approach. Wuhan University Journal of Natural Sciences, 2007, 12, 804-808.	0.2	2
158	Homology priority task scheduling in Î¼C/OS-II real-time kernel. Wuhan University Journal of Natural Sciences, 2007, 12, 946-950.	0.2	4
159	Innovating Database Technology for Advanced Applications. , 2007, , .		0
160	A Filter-based Approach for Optimizing Top-k Queries in Wireless Sensor Networks. , 2006, , .		0
161	Frequent Tables for Fast K-Anonymization. , 2006, , .		0
162	A Slack Factors Based Real-Time Query Processing Approach in Wireless Sensor Networks. , 2006, , .		0

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163	An Approach for Composing Web Services on Demand. , 2006, , .		2
164	Partition Frequency Distance based Filter Method for Finding Approximate Repetitions in DNA Sequences. , 2006, , .		1
165	Improving the k-NN and applying it to Chinese text classification. , 2005, , .		2
166	RPE query processing and optimization techniques for XML databases. Journal of Computer Science and Technology, 2004, 19, 224-237.	0.9	13
167	Managing very large document collections using semantics. Journal of Computer Science and Technology, 2003, 18, 403-406.	0.9	8
168	PathGuide: an efficient clustering based indexing method for XML path expressions. , 2003, , .		3
169	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
170	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
171	Analysis and evaluation of resources utility strategies for parallel path expression algorithms on DSVM. , 2000, , .		0
172	Incorporate components into workflow application systems. , 2000, , .		1
173	Applying signature filtering technique to join algorithms. , 1999, , .		1
174	Constraints for information cooperation in virtual enterprise systems. , 0, , .		0
175	Method of evolutionary neural network-based intrusion detection. , 0, , .		10
176	Data placement and query processing based on RPE parallelisms. , 0, , .		3
177	Study on data preprocessing algorithm in Web log mining. , 0, , .		14
178	Effective schema-based XML query optimization techniques. , 0, , .		9
179	An OS-esprit algorithm for estimation DOA in wireless communications. , 0, , .		0
180	The study of key techniques in intelligent XML search engine. , 0, , .		4

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181	An OTST-ESPRIT algorithm for joint DOA-delay estimation. , 0, , .		4
182	Fast search for thresholds from 1D and 2D histograms by an iterative algorithm for image segmentation. , 0, , .		2
183	Correlating Alerts with a Data Mining Based Approach. , 0, , .		2
184	A Remote Wire/Wireless Video Monitor System Using HW/SW Co-scheduling RTOS. , 0, , .		0
185	WIN: An E.cient Data Placement Strategy for Parallel XML Databases. , 0, , .		8
186	Building A Document Class Hierarchy for Obtaining More Proper Bibliographies from Web. , 0, , .		0
187	CDS-Tree: An Effective Index for Clustering Arbitrary Shapes in Data Streams. , 0, , .		4
188	A Reconfigurable RTOS with HW/SW Co-scheduling for SOPC. , 0, , .		7
189	An enhanced privacy-preserving record linkage approach for multiple databases. Cluster Computing, 0, , .	3.5	0