Yongluan Zhou

List of Publications by Year
in descending order

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Version: 2024-02-01

62 papers	735 citations	840585 11 h-index	752573 20 g-index
65 all docs	65 docs citations	65 times ranked	510 citing authors

#	Article	IF	Citations
1	Holding a Conference Online and Live due to Covid-19. SIGMOD Record, 2021, 49, 28-32.	0.7	8
2	Fast recovery of correlated failures in distributed stream processing engines. , 2021, , .		2
3	Data management in microservices. Proceedings of the VLDB Endowment, 2021, 14, 3348-3361.	2.1	21
4	LsRec: Large-scale social recommendation with online update. Expert Systems With Applications, 2020, 162, 113739.	4.4	8
5	From a Monolithic Big Data System to a Microservices Event-Driven Architecture. , 2020, , .		22
6	Maxson: Reduce Duplicate Parsing Overhead on Raw Data. , 2020, , .		3
7	Towards Low-Latency Batched Stream Processing by Pre-Scheduling. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 710-722.	4.0	11
8	Bayesian pairwise learning to rank via one-class collaborative filtering. Neurocomputing, 2019, 367, 176-187.	3.5	11
9	Location-Centric View Selection in a Location-Based Feed-Following System. , 2019, , .		0
10	Passive and Partially Active Fault Tolerance for Massively Parallel Stream Processing Engines. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 32-45.	4.0	12
11	Graph Processing on GPUs. ACM Computing Surveys, 2018, 50, 1-35.	16.1	78
12	Deca. ACM Transactions on Computer Systems, 2018, 36, 1-47.	0.6	6
13	Stateful Load Balancing for Parallel Stream Processing. Lecture Notes in Computer Science, 2018, , 80-93.	1.0	1
14	CBP: A New Parallelization Paradigm for Massively Distributed Stream Processing. Lecture Notes in Computer Science, 2017, , 304-320.	1.0	1
15	Parallel SPARQL Query Optimization. , 2017, , .		5
16	Lever. , 2017, , .		5
17	Integrative Dynamic Reconfiguration in a Parallel Stream Processing Engine. , 2017, , .		18
18	Lifetime-based memory management for distributed data processing systems. Proceedings of the VLDB Endowment, 2016, 9, 936-947.	2.1	38

#	Article	IF	Citations
19	Materialized view selection in feed following systems. , 2016, , .		2
20	Tolerating correlated failures in Massively Parallel Stream Processing Engines. , 2016, , .		25
21	Enorm. , 2016, , .		5
22	PROM: Efficient matching query processing on high-dimensional data. Information Sciences, 2015, 322, 1-19.	4.0	1
23	Dissemination of anonymized streaming data. , 2015, , .		2
24	Dynamic resource management in a MapReduce-style platform for fast data processing. , 2015, , .		0
25	Scalable SPARQL querying using path partitioning. , 2015, , .		25
26	Adaptive Grid-Based k-median Clustering of Streaming Data with Accuracy Guarantee. Lecture Notes in Computer Science, 2015, , 75-91.	1.0	2
27	Dynamic Resource Management In a Massively Parallel Stream Processing Engine. , 2015, , .		14
28	Feedback Based Continuous Skyline Queries Over a Distributed Framework. Lecture Notes in Computer Science, 2015, , 287-301.	1.0	0
29	Distributed Sequence Pattern Detection Over Multiple Data Streams. Lecture Notes in Computer Science, 2015, , 380-394.	1.0	1
30	SemStore. , 2014, , .		23
31	Integrating fault-tolerance and elasticity in a distributed data stream processing system. , 2014, , .		10
32	Scheduling online repartitioning in OLTP systems. , 2014, , .		1
33	Grand challenge. , 2013, , .		10
34	Efficient and scalable continuous skyline monitoring in two-tier streaming settings. Information Systems, 2013, 38, 68-81.	2.4	23
35	Multi-query scheduling for time-critical data stream applications. , 2013, , .		2
36	Multi-scale dissemination of time series data. , 2013, , .		1

#	Article	IF	Citations
37	On optimizing relational self-joins. , 2012, , .		0
38	Matching query processing in high-dimensional space. , 2011, , .		2
39	Dissemination of models over time-varying data. Proceedings of the VLDB Endowment, 2011, 4, 864-875.	2.1	4
40	Attribute Outlier Detection over Data Streams. Lecture Notes in Computer Science, 2010, , 216-230.	1.0	9
41	Continuous Skyline Monitoring over Distributed Data Streams. Lecture Notes in Computer Science, 2010, , 565-583.	1.0	11
42	Towards integrated and efficient scientific sensor data processing. , 2009, , .		7
43	Cluster based rank query over multidimensional data streams. , 2009, , .		1
44	Data-driven memory management for stream join. Information Systems, 2009, 34, 454-467.	2.4	3
45	Query Allocation in Wireless Sensor Networks with Multiple Base Stations. Lecture Notes in Computer Science, 2009, , 107-122.	1.0	5
46	Environmental Monitoring 2.0. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	12
47	QoS-Oriented Multi-query Scheduling over Data Streams. Lecture Notes in Computer Science, 2009, , 215-229.	1.0	11
48	Scalable delivery of stream query result. Proceedings of the VLDB Endowment, 2009, 2, 49-60.	2.1	19
49	Disseminating streaming data in a dynamic environment: an adaptive and cost-based approach. VLDB Journal, 2008, 17, 1465-1483.	2.7	19
50	Toward Massive Query Optimization in Large-Scale Distributed Stream Systems. Lecture Notes in Computer Science, 2008, , 326-345.	1.0	12
51	Rethinking the design of distributed stream processing systems. , 2008, , .		1
52	Parallel Distributed Processing of Constrained Skyline Queries by Filtering. , 2008, , .		56
53	Similarity-aware query allocation in sensor networks with multiple base stations. , 2007, , .		6
54	Window-Oblivious Join: A Data-Driven Memory Management Scheme for Stream Join. International Conference on Scientific and Statistical Database Management: [proceedings] International Conference on Scientific and Statistical Database Management, 2007, , .	0.0	6

#	ARTICLE	IF	CITATIONS
55	Two-Tier Multiple Query Optimization for Sensor Networks. , 2007, , .		48
56	Adaptive Reorganization of Coherency-Preserving Dissemination Tree for Streaming Data. , 2006, , .		9
57	Scalable and Adaptable Distributed Stream Processing. , 2006, , .		0
58	PMJoin: Optimizing Distributed Multi-way Stream Joins by Stream Partitioning. Lecture Notes in Computer Science, 2006, , 325-341.	1.0	15
59	Efficient Dynamic Operator Placement in a Locally Distributed Continuous Query System. Lecture Notes in Computer Science, 2006, , 54-71.	1.0	37
60	An adaptable distributed query processing architecture. Data and Knowledge Engineering, 2005, 53, 283-309.	2.1	28
61	Optimizing continuous multijoin queries over distributed streams. , 2005, , .		3
62	Dynamic Load Management for Distributed Continuous Query Systems. , 0, , .		8