

# Guoqing Xiao

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

647  
citations

858243

12  
h-index

685536

24  
g-index

29  
all docs

29  
docs citations

29  
times ranked

551  
citing authors

#	ARTICLE	IF	CITATIONS
1	fgSpMSPV: A Fine-grained Parallel SpMSPV Framework on HPC Platforms. ACM Transactions on Parallel Computing, 2022, 9, 1-29.	1.2	6
2	CASpMV: A Customized and Accelerative SpMV Framework for the Sunway TaihuLight. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 131-146.	4.0	69
3	Efficient Approaches to Top-r Influential Community Search. IEEE Internet of Things Journal, 2021, 8, 12650-12657.	5.5	4
4	An Efficient Parallel Reinforcement Learning Approach to Cross-Layer Defense Mechanism in Industrial Control Systems. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	4.0	8
5	Optimizing partitioned CSR-based SpGEMM on the Sunway TaihuLight. Neural Computing and Applications, 2020, 32, 5571-5582.	3.2	11
6	ahSpMV: An Autotuning Hybrid Computing Scheme for SpMV on the Sunway Architecture. IEEE Internet of Things Journal, 2020, 7, 1736-1744.	5.5	13
7	aeSpTV: An Adaptive and Efficient Framework for Sparse Tensor-Vector Product Kernel on a High-Performance Computing Platform. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 2329-2345.	4.0	18
8	tpSpMV: A two-phase large-scale sparse matrix-vector multiplication kernel for manycore architectures. Information Sciences, 2020, 523, 279-295.	4.0	6
9	MalFCS: An effective malware classification framework with automated feature extraction based on deep convolutional neural networks. Journal of Parallel and Distributed Computing, 2020, 141, 49-58.	2.7	84
10	A Decision Support System to Provide Criminal Pattern Based Suggestions to Travelers. Lecture Notes in Computer Science, 2020, , 582-587.	1.0	0
11	Progressive Approaches for Pareto Optimal Groups Computation. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 521-534.	4.0	30
12	A Parallel Crime Activity Clustering Algorithm Based on Apache Spark Cloud Computing Platform. , 2019, , .		2
13	Editorial Message: Special Issue on Advances in Parallel and Distributed Computing for Fuzzy Systems. International Journal of Fuzzy Systems, 2019, 21, 1868-1869.	2.3	2
14	Efficient processing of top $k$ queries. Knowledge-Based Systems, 2019, 182, 104795.	4.0	7
15	Performance-Aware Model for Sparse Matrix-Matrix Multiplication on the Sunway TaihuLight Supercomputer. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 923-938.	4.0	89
16	hpSpMV: A Heterogeneous Parallel Computing Scheme for SpMV on the Sunway TaihuLight Supercomputer. , 2019, , .		4
17	Towards Large-Scale Sparse Matrix-Vector Multiplication on the SW26010 Manycore Architecture. , 2019, , .		2
18	Reporting $l$ most influential objects in uncertain databases based on probabilistic reverse top- $k$ queries. Information Sciences, 2017, 405, 207-226.	4.0	52

#	ARTICLE	IF	CITATIONS
19	A Reliability-aware Task Scheduling Algorithm Based on Replication on Heterogeneous Computing Systems. Journal of Grid Computing, 2017, 15, 23-39.	2.5	42
20	Identifying Most Preferential Skyline Product Combinations. International Journal of Pattern Recognition and Artificial Intelligence, 2017, 31, 1759022.	0.7	2
21	Efficient monochromatic and bichromatic probabilistic reverse top-k query processing for uncertain big data. Journal of Computer and System Sciences, 2017, 89, 92-113.	0.9	51
22	Selection and replacement algorithms for memory performance improvement in Spark. Concurrency Computation Practice and Experience, 2016, 28, 2473-2486.	1.4	26
23	Queueing Analysis of Continuous Queries for Uncertain Data Streams Over Sliding Windows. International Journal of Pattern Recognition and Artificial Intelligence, 2016, 30, 1660001.	0.7	10
24	Effective approach for an extended P-skyline query. Journal of Intelligent and Fuzzy Systems, 2016, 31, 849-858.	0.8	2
25	Probabilistic top-k range query processing for uncertain databases. Journal of Intelligent and Fuzzy Systems, 2016, 31, 1109-1120.	0.8	14
26	Top Favorite Probabilistic Products Queries. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2808-2821.	4.0	43
27	An iteration-based hybrid parallel algorithm for tridiagonal systems of equations on multi-core architectures. Concurrency Computation Practice and Experience, 2015, 27, 5076-5095.	1.4	2
28	Reporting L Most Favorite Objects in Uncertain Databases with Probabilistic Reverse Top-k Queries. , 2015, , .		7
29	Efficient top-(k,l) range query processing for uncertain data based on multicore architectures. Distributed and Parallel Databases, 2015, 33, 381-413.	1.0	41