Yu Zhang

List of Publications by Year
in descending order

15 papers	**231** citations	1307594 **7** h-index	1372567 **10** g-index
15 all docs	**15** docs citations	**15** times ranked	**149** citing authors

#	Article	IF	Citations
1	GGraph: An Efficient Structure-Aware Approach for Iterative Graph Processing. IEEE Transactions on Big Data, 2022, 8, 1182-1194.	6.1	7
2	A Structure-Aware Storage Optimization for Out-of-Core Concurrent Graph Processing. IEEE Transactions on Computers, 2022, 71, 1612-1625.	3.4	4
3	TDGraph. , 2022, , .		8
4	A Survey of Non-Volatile Main Memory Technologies: State-of-the-Arts, Practices, and Future Directions. Journal of Computer Science and Technology, 2021, 36, 4-32.	1.5	17
5	DepGraph: A Dependency-Driven Accelerator for Efficient Iterative Graph Processing. , 2021, , .		12
6	Straggler-Aware Parallel Graph Processing in Hybrid Memory Systems. , 2021, , .		5
7	LargeGraph. Transactions on Architecture and Code Optimization, 2021, 18, 1-24.	2.0	3
8	Hotspot-Aware Hybrid Memory Management for In-Memory Key-Value Stores. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 779-792.	5.6	17
9	Object-Level Memory Allocation and Migration in Hybrid Memory Systems. IEEE Transactions on Computers, 2020, 69, 1401-1413.	3.4	15
10	AsynGraph. Transactions on Architecture and Code Optimization, 2020, 17, 1-21.	2.0	9
11	DiGraph. , 2019, , .		30
12	GraphM. , 2019, , .		17
13	Energy efficient task allocation and energy scheduling in green energy powered edge computing. Future Generation Computer Systems, 2019, 95, 89-99.	7.5	56
14	FBSGraph: Accelerating Asynchronous Graph Processing via Forward and Backward Sweeping. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 895-907.	5.7	16
15	Efficient Disk-Based Directed Graph Processing: A Strongly Connected Component Approach. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 830-842.	5.6	15