Zheng Li

List of Publications by Year
in descending order

22 papers	128 citations	1478505 6 h-index	1372567 10 g-index
22 all docs	22 docs citations	22 times ranked	127 citing authors

#	Article	IF	Citations
1	Enhancing throughput of the Hadoop Distributed File System for interaction-intensive tasks. Journal of Parallel and Distributed Computing, 2014, 74, 2770-2779.	4.1	26
2	Reliability guaranteed energy minimization on mixed-criticality systems. Journal of Systems and Software, 2016, 112, 1-10.	4.5	17
3	Reliability guaranteed energy-aware frame-based task set execution strategy for hard real-time systems. Journal of Systems and Software, 2013, 86, 3060-3070.	4.5	14
4	Optimal voting strategy against rational attackers. , 2011, , .		10
5	Cost-Aware Region-Level Data Placement in Multi-Tiered Parallel I/O Systems. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 1853-1865.	5.6	10
6	Energy minimization for checkpointing-based approach to guaranteeing real-time systems reliability. , 2013, , .		7
7	A Holistic Heterogeneity-Aware Data Placement Scheme for Hybrid Parallel I/O Systems. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 830-842.	5.6	7
8	Temperature, Power, and Makespan Aware Dependent Task Scheduling for Data Centers. , 2011, , .		6
9	Fixed-Priority Scheduling for Two-Phase Mixed-Criticality Systems. Transactions on Embedded Computing Systems, 2018, 17, 1-20.	2.9	6
10	Run-Time Reconfiguration to Tolerate Core Failures for Real-Time Embedded Applications on NoC Manycore Platforms. , 2013, , .		5
11	Dynamic Reservation-Based Mixed-Criticality Task Set Scheduling. , 2014, , .		5
12	Maximizing online service profit for time-dependent applications. , 2013, , .		3
13	Memory-Aware Scheduling for Mixed-Criticality Systems. Lecture Notes in Computer Science, 2016, , 140-156.	1.3	3
14	A genetic algorithm based approach to maximizing real-time system value under resource constraints. , 2012, , .		2
15	Real-Time Monitoring of Intercity Passenger Flows Based on Big Data. International Journal of Strategic Decision Sciences, 2017, 8, 120-128.	0.0	2
16	HOME: A Holistic GPU Memory Management Framework for Deep Learning. IEEE Transactions on Computers, 2022, , 1-13.	3.4	2
17	Periodic resource integration. Journal of Systems and Software, 2015, 110, 193-204.	4.5	1
18	Timing Prediction for Dynamic Application Migration on Multi-core Embedded Systems. , 2018, , .		1

#	Article	IF	Citations
19	Run-time timing prediction for system reconfiguration on many-core embedded systems. Journal of Systems Architecture, 2019, 95, 47-54.	4.3	1
20	The restricting factors and mode study of technology innovation achievements transformation. , 2011, , .		0
21	Overall System Value Maximization for Resource Constrained Heterogeneous Real-Time Systems. , 2012, , .		0
22	Prediction Based Run-Time Reconfiguration on Many-Core Embedded Systems. , 2017, , .		0