Tian Huang

List of Publications by Year
in descending order

18 papers	312 citations	1478505 6 h-index	1474206 9 g-index
18 all docs	18 docs citations	18 times ranked	391 citing authors

#	Article	IF	Citations
1	A Case Study of Sensor Data Collection and Analysis in Smart City: Provenance in Smart Food Supply Chain. International Journal of Distributed Sensor Networks, 2013, 9, 382132.	2.2	94
2	Statistical Learning for Anomaly Detection in Cloud Server Systems: A Multi-Order Markov Chain Framework. IEEE Transactions on Cloud Computing, 2018, 6, 401-413.	4.4	40
3	Anomaly detection and identification scheme for VM live migration in cloud infrastructure. Future Generation Computer Systems, 2016, 56, 736-745.	7.5	36
4	An Integrated Data Preprocessing Framework Based on Apache Spark for Fault Diagnosis of Power Grid Equipment. Journal of Signal Processing Systems, 2017, 86, 221-236.	2.1	31
5	An LOF-Based Adaptive Anomaly Detection Scheme for Cloud Computing. , 2013, , .		29
6	FPGA based acceleration of game theory algorithm in edge computing for autonomous driving. Journal of Systems Architecture, 2019, 93, 33-39.	4.3	19
7	Prototyping Efficient Desktop-as-a-Service for FPGA Based Cloud Computing Architecture. , 2012, , .		14
8	Extending Amdahl's law and Gustafson's law by evaluating interconnections on multi-core processors. Journal of Supercomputing, 2013, 66, 305-319.	3.6	10
9	A Multi-order Markov Chain Based Scheme for Anomaly Detection. , 2013, , .		10
10	Parallel Discord Discovery. Lecture Notes in Computer Science, 2016, , 233-244.	1.3	6
11	A Hardware Pipeline with High Energy and Resource Efficiency for FMM Acceleration. Transactions on Embedded Computing Systems, 2018, 17, 1-20.	2.9	5
12	Implementing Medical CT Algorithms on Stand-alone FPGA Based Systems Using an Efficient Workflow with SysGen and Simulink. , 2010, , .		4
13	Revealing Feasibility of FMM on ASIC: Efficient Implementation of N-Body Problem on FPGA. , 2010, , .		4
14	An Intelligent Anomaly Detection and Reasoning Scheme for VM Live Migration via Cloud Data Mining. , 2013, , .		4
15	Efficient Implementation of Thermal-Aware Scheduler on a Quad-core Processor. , 2011, , .		3
16	An Efficient Power-Aware Resource Scheduling Strategy in Virtualized Datacenters. , 2013, , .		2
17	APT: The master-copy-free training method for quantised neural network on edge devices. Journal of Parallel and Distributed Computing, 2022, 166, 95-103.	4.1	1
18	A Provenance Scheme for Emerging Water Contaminants. , 2015, , .		0