Wei-Guo Wu

List of Publications by Year
in descending order

49 papers	307 citations	1163117 8 h-index	1058476 14 g-index
50 all docs	50 docs citations	50 times ranked	362 citing authors

#	Article	IF	Citations
1	Grading glioma by radiomics with feature selection based on mutual information. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 1671-1682.	4.9	30
2	Left ventricle segmentation via two-layer level sets with circular shape constraint. Magnetic Resonance Imaging, 2017, 38, 202-213.	1.8	28
3	Automatic glioma segmentation based on adaptive superpixel. BMC Medical Imaging, 2019, 19, 73.	2.7	28
4	ApproxFTL: On the Performance and Lifetime Improvement of 3-D NAND Flash-Based SSDs. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37, 1957-1970.	2.7	24
5	An Energy Efficient Weight-Clustering Algorithm in Wireless Sensor Networks. , 2008, , .		22
6	An Improved Sparrow Search Algorithm. , 2020, , .		22
7	DLV: Exploiting Device Level Latency Variations for Performance Improvement on Flash Memory Storage Systems. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37, 1546-1559.	2.7	16
8	PT-LRU: a probabilistic page replacement algorithm for NAND flash-based consumer electronics. IEEE Transactions on Consumer Electronics, 2014, 60, 614-622.	3.6	15
9	A Heterogeneity-aware Data Distribution and Rebalance Method in Hadoop Cluster. , 2012, , .		12
10	An Optimized Strategy Coverage Control Algorithm for WSN. International Journal of Distributed Sensor Networks, 2014, 10, 976307.	2.2	11
11	Semiautomatic Segmentation of Glioma on Mobile Devices. Journal of Healthcare Engineering, 2017, 2017, 1-10.	1.9	11
12	LBVP: A load balance algorithm based on Virtual Partition in Hadoop cluster. , 2012, , .		7
13	Falcon: A Blockchain-Based Edge Service Migration Framework in MEC. Mobile Information Systems, 2020, 2020, 1-17.	0.6	7
14	Stable Adaptive Work-Stealing for Concurrent Multi-core Runtime Systems. , 2011, , .		6
15	BFT: a placement algorithm for non€rectangle task model in reconfigurable computing system. IET Computers and Digital Techniques, 2016, 10, 128-137.	1.2	5
16	Four-Sequence Maximum Entropy Discrimination Algorithm for Glioma Grading. IEEE Access, 2019, 7, 52246-52256.	4.2	5
17	Collaborative intrusion detection based on coordination agent. , 0, , .		4
18	Towards Automated Trust Negotiation for Grids. , 2008, , .		4

#	Article	IF	Citations
19	Link-Aware Geographic Routing in Wireless Sensor Networks. , 2009, , .		4
20	A Utility-Maximizing Tasks Assignment Method for Rendering Cluster System. , 2014, , .		4
21	Thread Count Prediction Model: Dynamically Adjusting Threads for Heterogeneous Many-Core Systems. , 2015, , .		4
22	Accelerating the Parallelization of Lattice Boltzmann Method by Exploiting the Temporal Locality. , 2017, , .		4
23	DIR: Dynamic Request Interleaving for Improving the Read Performance of Aged SSDs. , 2019, , .		4
24	Accurate Computation of Airfoil Flow Based on the Lattice Boltzmann Method. Applied Sciences (Switzerland), 2019, 9, 2000.	2.5	4
25	Client-Aware Negotiation for Secure and Efficient Data Transmission. Energies, 2020, 13, 5777.	3.1	3
26	DUPRFloor: Dynamic Modeling and Floorplanning for Partially Reconfigurable FPGAs. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2021, 40, 1613-1625.	2.7	3
27	Scalable Hierarchical Scheduling for Multiprocessor Systems Using Adaptive Feedback-Driven Policies. , 2010, , .		2
28	Load Balancing in Heterogeneous MapReduce Environments. , 2013, , .		2
29	Performance Prediction Model in Heterogeneous MapReduce Environments. , 2014, , .		2
30	R-FirstFit: A Reservation Based First Fit Priority Job Scheduling Strategy and Its Application for Rendering. , 2014, , .		2
31	A Novel Hierarchal Scheduling Strategy for Rendering System. , 2015, , .		2
32	Improving Performance for Geo-Distributed Data Process in Wide-Area. , 2017, , .		2
33	Research and Design of a Remote Visualization Parallel Program Performance Analysis Tool. , 2010, , .		1
34	Stable Adaptive Work-Stealing for Concurrent Many-Core Runtime Systems. IEICE Transactions on Information and Systems, 2012, E95.D, 1407-1416.	0.7	1
35	Practical Distributed Location Service for Wireless Sensor Networks with Mobile Sinks. IEICE Transactions on Communications, 2012, E95.B, 2838-2851.	0.7	1
36	A Task Scheduling and Placement Strategy Based on Tasks' Aspect Ratio. , 2014, , .		1

#	Article	IF	Citations
37	A Dynamic Parallel Strategy for DOACROSS Loops. , 2018, , .		1
38	Error source and latency-aware read performance optimization scheme for aged SSDs. IEICE Electronics Express, 2021, 18, 20210103-20210103.	0.8	1
39	Lossless Compression of Bitstream Configuration Files: Towards FPGA Cloud. , 2021, , .		1
40	Research and Design of a Parallel Debugging Interface in a New Parallel Debugger Framework. , 2008, , .		0
41	Software-Based Detecting and Recovering from ECC-Memory Faults. , 2011, , .		0
42	Fuzzy Fault Tree Based Fault Detection. , 2012, , .		0
43	Accelerating master-slave databases launched on LDPC-induced solid state drives with improved efficiency and reliability. IEICE Electronics Express, 2016, 13, 20160468-20160468.	0.8	0
44	A Reliable Scheduling Algorithm for Render Cluster System. , 2017, , .		0
45	An Efficient Locality-Aware Task Assignment Algorithm for Minimizing Shared Cache Contention. , 2017, , .		0
46	Video-Aware Multipath Network Coding over Multi-Hop Wireless Networks. , 2019, , .		0
47	Harnessing Hardware Defects for Improving Wireless Link Performance. IEEE/ACM Transactions on Networking, 2020, 28, 1913-1924.	3.8	0
48	A Workload-Aware Load Balancing Algorithm for Cluster Rendering Platform. , 2020, , .		0
49	Hexagonal Tiling based Multiple FPGAs Stencil Computation Acceleration and Optimization Methodology. , 2021, , .		0