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	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
2	Error source and latency-aware read performance optimization scheme for aged SSDs. IEICE Electronics Express, 2021, 18, 20210103-20210103.	0.8	1
3	Hexagonal Tiling based Multiple FPGAs Stencil Computation Acceleration and Optimization Methodology. , 2021, , .		0
4	Lossless Compression of Bitstream Configuration Files: Towards FPGA Cloud. , 2021, , .		1
5	Harnessing Hardware Defects for Improving Wireless Link Performance. IEEE/ACM Transactions on Networking, 2020, 28, 1913-1924.	3.8	0
6	Client-Aware Negotiation for Secure and Efficient Data Transmission. Energies, 2020, 13, 5777.	3.1	3
7	Falcon: A Blockchain-Based Edge Service Migration Framework in MEC. Mobile Information Systems, 2020, 2020, 1-17.	0.6	7
8	An Improved Sparrow Search Algorithm. , 2020, , .		22
9	A Workload-Aware Load Balancing Algorithm for Cluster Rendering Platform. , 2020, , .		0
10	DIR: Dynamic Request Interleaving for Improving the Read Performance of Aged SSDs. , 2019, , .		4
11	Automatic glioma segmentation based on adaptive superpixel. BMC Medical Imaging, 2019, 19, 73.	2.7	28
12	Accurate Computation of Airfoil Flow Based on the Lattice Boltzmann Method. Applied Sciences (Switzerland), 2019, 9, 2000.	2.5	4
13	Video-Aware Multipath Network Coding over Multi-Hop Wireless Networks. , 2019, , .		0
14	Four-Sequence Maximum Entropy Discrimination Algorithm for Glioma Grading. IEEE Access, 2019, 7, 52246-52256.	4.2	5
15	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
16	A Dynamic Parallel Strategy for DOACROSS Loops. , 2018, , .		1
17	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
18	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

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19	Left ventricle segmentation via two-layer level sets with circular shape constraint. Magnetic Resonance Imaging, 2017, 38, 202-213.	1.8	28
20	Improving Performance for Geo-Distributed Data Process in Wide-Area. , 2017, , .		2
21	Semiautomatic Segmentation of Glioma on Mobile Devices. Journal of Healthcare Engineering, 2017, 2017, 1-10.	1.9	11
22	A Reliable Scheduling Algorithm for Render Cluster System. , 2017, , .		0
23	Accelerating the Parallelization of Lattice Boltzmann Method by Exploiting the Temporal Locality. , 2017, , .		4
24	An Efficient Locality-Aware Task Assignment Algorithm for Minimizing Shared Cache Contention. , 2017, , .		0
25	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
26	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
27	A Novel Hierarchal Scheduling Strategy for Rendering System. , 2015, , .		2
28	Thread Count Prediction Model: Dynamically Adjusting Threads for Heterogeneous Many-Core Systems. , 2015, , .		4
29	A Utility-Maximizing Tasks Assignment Method for Rendering Cluster System. , 2014, , .		4
30	Performance Prediction Model in Heterogeneous MapReduce Environments. , 2014, , .		2
31	A Task Scheduling and Placement Strategy Based on Tasks' Aspect Ratio. , 2014, , .		1
32	An Optimized Strategy Coverage Control Algorithm for WSN. International Journal of Distributed Sensor Networks, 2014, 10, 976307.	2.2	11
33	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
34	R-FirstFit: A Reservation Based First Fit Priority Job Scheduling Strategy and Its Application for Rendering. , 2014, , .		2
35	Load Balancing in Heterogeneous MapReduce Environments. , 2013, , .		2
36	Stable Adaptive Work-Stealing for Concurrent Many-Core Runtime Systems. IEICE Transactions on Information and Systems, 2012, E95.D, 1407-1416.	0.7	1

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37	Practical Distributed Location Service for Wireless Sensor Networks with Mobile Sinks. IEICE Transactions on Communications, 2012, E95.B, 2838-2851.	0.7	1
38	Fuzzy Fault Tree Based Fault Detection. , 2012, , .		0
39	LBVP: A load balance algorithm based on Virtual Partition in Hadoop cluster. , 2012, , .		7
40	A Heterogeneity-aware Data Distribution and Rebalance Method in Hadoop Cluster. , 2012, , .		12
41	Software-Based Detecting and Recovering from ECC-Memory Faults. , 2011, , .		0
42	Stable Adaptive Work-Stealing for Concurrent Multi-core Runtime Systems. , 2011, , .		6
43	Research and Design of a Remote Visualization Parallel Program Performance Analysis Tool. , 2010, , .		1
44	Scalable Hierarchical Scheduling for Multiprocessor Systems Using Adaptive Feedback-Driven Policies. , 2010, , .		2
45	Link-Aware Geographic Routing in Wireless Sensor Networks. , 2009, , .		4
46	Research and Design of a Parallel Debugging Interface in a New Parallel Debugger Framework. , 2008, , .		0
47	An Energy Efficient Weight-Clustering Algorithm in Wireless Sensor Networks. , 2008, , .		22
48	Towards Automated Trust Negotiation for Grids. , 2008, , .		4
49	Collaborative intrusion detection based on coordination agent. , 0, , .		4