

Mei Yang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

355
citations

10
h-index

17
g-index

57
ext. papers

467
ext. citations

2.5
avg, IF

3.06
L-index

#	Paper	IF	Citations
40	A Generic Optical Router Design for Photonic Network-on-Chips. <i>Journal of Lightwave Technology</i> , 2012 , 30, 368-376	4	60
39	Performance Analysis of Error Control Codes for Wireless Sensor Networks 2007 ,		44
38	A Hybrid Optoelectronic Networks-on-Chip Architecture. <i>Journal of Lightwave Technology</i> , 2014 , 32, 991-998	4	25
37	Four-Port Silicon Multi-Wavelength Optical Router for Photonic Networks-on-Chip. <i>IEEE Photonics Technology Letters</i> , 2013 , 25, 2281-2284	2.2	25
36	On a Scalable, Non-Blocking Optical Router for Photonic Networks-on-Chip Designs 2011 ,		20
35	Algorithm-Hardware Codesign of Fast Parallel Round-Robin Arbiters. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2007 , 18, 84-95	3.7	20
34	Energy Efficient Run-Time Incremental Mapping for 3-D Networks-on-Chip. <i>Journal of Computer Science and Technology</i> , 2013 , 28, 54-71	1.7	18
33	Analysis of Electrooptic Modulator With 1-D Slotted Photonic Crystal Nanobeam Cavity. <i>IEEE Photonics Technology Letters</i> , 2011 , 23, 992-994	2.2	18
32	Dual-Homing Based Scalable Partial Multicast Protection. <i>IEEE Transactions on Computers</i> , 2006 , 55, 1130-1141	1.41	17
31	Building a multi-FPGA-based emulation framework to support networks-on-chip design and verification. <i>International Journal of Electronics</i> , 2010 , 97, 1241-1262	1.2	12
30	Power-Aware Mapping for Network-on-Chip Architectures under Bandwidth and Latency Constraints 2009 ,		9
29	Service Composition in Service-Oriented Wireless Sensor Networks with Persistent Queries 2009 ,		8
28	Fault-tolerant routing schemes in RDT(2,2,1) α -based interconnection network for networks-on-chip design		7
27	Silicon photonic network-on-chip and enabling components. <i>Science China Technological Sciences</i> , 2013 , 56, 543-553	3.5	6
26	Multi-path Routing for Mesh/Torus-Based NoCs 2007 ,		6
25	Circuit-switched on-chip photonic interconnection network 2012 ,		5
24	Detection of and Countermeasure against Thermal Covert Channel in Many-core Systems. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2021 , 1-1	2.5	5

23	On-chip wavelength-routed photonic networks with comb switches 2012 ,		4
22	Dual-homing multicast protection		4
21	On circuit design of on-chip non-blocking interconnection networks 2014 ,		3
20	Efficient multicasting scheme for irregular mesh-based NoCs 2010 ,		3
19	Topology and Binary Routing Schemes of A PRDT-Based NoC 2007 ,		3
18	HRC: A 3D NoC Architecture with Genuine Support for Runtime Thermal-Aware Task Management. <i>IEEE Transactions on Computers</i> , 2017 , 66, 1676-1688	2.5	2
17	Prediction of industrial wastewater quality parameters based on wavelet de-noised ANFIS model 2018 ,		2
16	Network Coding Based Schemes for Imperfect Wireless Packet Retransmission Problems: A Divide and Conquer Approach. <i>Wireless Personal Communications</i> , 2012 , 62, 937-958	1.9	2
15	An Efficient Technique for In-order Packet Delivery with Adaptive Routing Algorithms in Networks on Chip 2010 ,		2
14	Traffic regulation with single- and dual-homed ISPs under a percentile-based pricing policy. <i>Journal of Combinatorial Optimization</i> , 2009 , 17, 247-273	0.9	2
13	EECCP: an energy-efficient coverage- and connectivity preserving algorithm under border effects in wireless sensor networks. <i>Wireless Telecommunications Symposium, 2009 WTS 2009</i> , 2008 ,		2
12	On finding the best partial multicast protection tree under dual-homing architecture		2
11	A RDT-based interconnection network for scalable network-on-chip designs 2005 ,		2
10	DeepQuantify: deep learning and quantification system of white blood cells in light microscopy images of injured skeletal muscles. <i>Journal of Medical Imaging</i> , 2019 , 6, 024006	2.6	2
9	Dynamic Allocation/Reallocation of Dark Cores in Many-Core Systems for Improved System Performance. <i>IEEE Access</i> , 2020 , 8, 165693-165707	3.5	2
8	. <i>IEEE Transactions on Computers</i> , 2021 , 1-1	2.5	2
7	Automated quantification of white blood cells in light microscopic images of injured skeletal muscle 2018 ,		1
6	FNMGSDP: An Optimized Group-Based Service Discovery Protocol for MANETs. <i>Wireless Personal Communications</i> , 2011 , 57, 137-162	1.9	1

5	Minimum Overlapping Layers and Its Variant for Prolonging Network Lifetime in PMRC-Based Wireless Sensor Networks 2009 ,		1
4	HTSMA: A Hybrid Temporal-Spatial Multi-Channel Assignment Scheme in Heterogeneous Wireless Mesh Networks 2009 ,		1
3	Design and Implementation of a Parameterized NoC Router and its Application to Build PRDT-Based NoCs 2008 ,		1
2	Automated Quantification of White Blood Cells in Light Microscopy Muscle Images 2018 ,		1
1	Multi-Object Portion Tracking in 4D Fluorescence Microscopy Imagery with Deep Feature Maps. <i>Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition</i> , 2019 , 2019, 1087-1096	6	0