

Hadi Shahriar Shahhoseini

List of Publications by Year in descending order

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52
papers

295
citations

1307594

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docs citations

53
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	An analytically derived vectorized model for application graph mapping in interconnection networks. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 8899-8911.	4.9	1
2	A quad-form clustered mapping approach for large-scale applications of reconfigurable computing systems. <i>Computers and Electrical Engineering</i> , 2022, 97, 107637.	4.8	1
3	An automata algorithm for generating trusted graphs in online social networks. <i>Applied Soft Computing Journal</i> , 2022, 118, 108475.	7.2	9
4	Improved Rabin-Karp Algorithm Using Bloom Filter. , 2022, , .		2
5	An Improved Version of the SIPO Algorithm with Fast Convergence Speed. , 2021, , .		2
6	A Review of Network Slicing in 5G and Beyond: Intelligent Approaches and Challenges. , 2021, , .		1
7	A link-elimination partitioning approach for application graph mapping in reconfigurable computing systems. <i>Journal of Supercomputing</i> , 2020, 76, 726-754.	3.6	17
8	The impact of scheduling gangs with the shortest execution time on gang scheduling performance. , 2020, , .		4
9	A Low-Cost Distributed Mapping for Large-Scale Applications of Reconfigurable Computing Systems. , 2020, , .		4
10	A Potential Solutions-Based Parallelized GA for Application Graph Mapping in Reconfigurable Hardware. , 2020, , .		1
11	A Large-Scale Application Mapping in Reconfigurable Hardware Using Deep Graph Convolutional Network. , 2020, , .		2
12	Regional Selection Mechanism for Traffic-balanced Adaptive Routing Algorithms in Mesh-based NoC Architectures. , 2020, , .		1
13	Hyper-chaotic Feeder GA (HFGA): a reversible optimization technique for robust and sensitive image encryption. <i>Multimedia Tools and Applications</i> , 2018, 77, 20385-20414.	3.9	17
14	G-CARA: A Global Congestion-Aware Routing Algorithm for traffic management in 3D networks-on-chip. , 2017, , .		22
15	A novel design for adaptive cruise control based on extended reference model. , 2017, , .		3
16	Two-stage throttled-aware deterministic routing for non-stationary irregular mesh in network on-chip. , 2017, , .		3
17	MP Mitigation in Urban Canyons using GPSâ€¦combinedâ€¦GLONASS Weighted Vectorized Receiver. <i>IET Signal Processing</i> , 2017, 11, 446-451.	1.5	2
18	Fast Converging Evolutionary Strategy for Multi-Constraint QoS Routing in Computer Networks Using New Decoding Mechanism. <i>Computing and Informatics</i> , 2017, 36, 405-422.	0.7	2

#	ARTICLE	IF	CITATIONS
19	A location aware history-based approach for network selection in heterogeneous wireless networks. Turkish Journal of Electrical Engineering and Computer Sciences, 2016, 24, 2929-2948.	1.4	15
20	An efficient ACO-based algorithm for scheduling tasks onto dynamically reconfigurable hardware using TSP-likened construction graph. Applied Intelligence, 2016, 45, 695-712.	5.3	25
21	Game Theory-Based Analysis on Interactions Among Secondary and Malicious Users in Coordinated Jamming Attack in Cognitive Radio Systems. Journal of Circuits, Systems and Computers, 2016, 25, 1650097.	1.5	2
22	An MDP Approach for Defending Against Fraud Attack in Cognitive Radio Networks. IETE Journal of Research, 2015, 61, 492-499.	2.6	1
23	A Reinforcement Routing Algorithm with Access Selection in the Multi-“Hop Multi-“Interface Networks. Journal of Electrical Engineering, 2015, 66, 70-78.	0.7	14
24	A parallel k-means clustering initial center selection and dynamic center correction on GPU. , 2014, , .		1
25	A secure two-party password-authenticated key exchange protocol. , 2014, , .		2
26	Defense against Lion Attack in Cognitive Radio Systems using the Markov Decision Process Approach. Frequenz, 2014, 68, .	0.9	0
27	Nonflat surface level pyramid: a high connectivity multidimensional interconnection network. Journal of Supercomputing, 2014, 67, 31-46.	3.6	7
28	Increasing Performance in IEEE 802.11 for High Traffic by MIDD Backoff Algorithm. Arabian Journal for Science and Engineering, 2014, 39, 4609-4616.	1.1	0
29	Improving CompactMatrix phase in gang scheduling by changing transference condition and utilizing exchange. Journal of Supercomputing, 2013, 66, 1707-1728.	3.6	3
30	An analysis on interactions among secondary user and unknown jammer in cognitive radio systems by fictitious play. , 2013, , .		3
31	Formal security analysis of authentication in SNMPv3 protocol by an automated tool. , 2012, , .		4
32	Automated formal analysis of NetConf protocol for authentication properties. , 2012, , .		0
33	Security analysis and improvement of Smart Card-Based Authenticated Key Exchange protocol with CAPTCHAs for wireless mobile network. , 2011, , .		0
34	An improved two-party Password Authenticated Key Exchange protocol without server's public key. , 2011, , .		6
35	Dependency Aware Placement in Reconfigurable Computing Systems. , 2011, , .		1
36	Configuration Reusing in On-Line Task Scheduling for Reconfigurable Computing Systems. Journal of Computer Science and Technology, 2011, 26, 463-473.	1.5	16

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37	An effective duplication-based task-scheduling algorithm for heterogeneous systems. Simulation, 2011, 87, 1067-1080.	1.8	3
38	Mitigating reconfiguration overhead in on-line task scheduling for reconfigurable computing systems. , 2010, , .		8
39	A New Metric for On-Line Scheduling and Placement in Reconfigurable Computing Systems. Lecture Notes in Computer Science, 2010, , 422-433.	1.3	0
40	APPMA - an Anti-phishing protocol with mutual Authentication. , 2010, , .		12
41	A New approach in on-line task scheduling for reconfigurable computing systems. , 2010, , .		17
42	A grid resource allocation method based on analytic hierarchy process. , 2010, , .		3
43	Energy Efficient Clustering Algorithm with Direct Path Supports. , 2009, , .		0
44	Performance Evaluation of Adaptive Backoff Algorithms in Ad Hoc Networks. , 2009, , .		1
45	Energy Efficient Clustering Algorithm with Multi-hop Transmission. , 2009, , .		9
46	A Low-Complexity Task Scheduling Algorithm for Heterogeneous Computing Systems. , 2009, , .		15
47	A new adaptive power optimization scheme for target tracking Wireless Sensor Networks. , 2009, , .		11
48	SBA Backoff Algorithm to Enhance the Quality of Service in MANETs. , 2009, , .		5
49	An efficient algorithm resistant to SPA and DPA variants in ECC. , 2008, , .		4
50	Performance modeling of partially reconfigurable computing systems. , 2008, , .		5
51	Performance Evaluation of Decision Tree for Intrusion Detection Using Reduced Feature Spaces. Lecture Notes in Electrical Engineering, 2008, , 273-284.	0.4	2
52	A mesh-based routing protocol for wireless ad- sensor networks. , 2006, , .		3