

Hadi Shahriar Shahhoseini

List of Publications by Year in descending order

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52
papers

295
citations

1307594

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1199594

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g-index

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all docs

53
docs citations

53
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	G-CARA: A Global Congestion-Aware Routing Algorithm for traffic management in 3D networks-on-chip. , 2017, , .		22
3	A New approach in on-line task scheduling for reconfigurable computing systems. , 2010, , .		17
4	Hyper-chaotic Feeded GA (HFGA): a reversible optimization technique for robust and sensitive image encryption. Multimedia Tools and Applications, 2018, 77, 20385-20414.	3.9	17
5	A link-elimination partitioning approach for application graph mapping in reconfigurable computing systems. Journal of Supercomputing, 2020, 76, 726-754.	3.6	17
6	Configuration Reusing in On-Line Task Scheduling for Reconfigurable Computing Systems. Journal of Computer Science and Technology, 2011, 26, 463-473.	1.5	16
7	A Low-Complexity Task Scheduling Algorithm for Heterogeneous Computing Systems. , 2009, , .		15
8	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
9	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
10	APPMA - an Anti-phishing protocol with mutual Authentication. , 2010, , .		12
11	A new adaptive power optimization scheme for target tracking Wireless Sensor Networks. , 2009, , .		11
12	Energy Efficient Clustering Algorithm with Multi-hop Transmission. , 2009, , .		9
13	An automata algorithm for generating trusted graphs in online social networks. Applied Soft Computing Journal, 2022, 118, 108475.	7.2	9
14	Mitigating reconfiguration overhead in on-line task scheduling for reconfigurable computing systems. , 2010, , .		8
15	Nonflat surface level pyramid: a high connectivity multidimensional interconnection network. Journal of Supercomputing, 2014, 67, 31-46.	3.6	7
16	An improved two-party Password Authenticated Key Exchange protocol without server's public key. , 2011, , .		6
17	Performance modeling of partially reconfigurable computing systems. , 2008, , .		5
18	SBA Backoff Algorithm to Enhance the Quality of Service in MANETs. , 2009, , .		5

#	ARTICLE	IF	CITATIONS
19	An efficient algorithm resistant to SPA and DPA variants in ECC. , 2008, , .		4
20	Formal security analysis of authentication in SNMPv3 protocol by an automated tool. , 2012, , .		4
21	The impact of scheduling gangs with the shortest execution time on gang scheduling performance. , 2020, , .		4
22	A Low-Cost Distributed Mapping for Large-Scale Applications of Reconfigurable Computing Systems. , 2020, , .		4
23	A mesh-based routing protocol for wireless ad- sensor networks. , 2006, , .		3
24	A grid resource allocation method based on analytic hierarchy process. , 2010, , .		3
25	An effective duplication-based task-scheduling algorithm for heterogeneous systems. Simulation, 2011, 87, 1067-1080.	1.8	3
26	Improving CompactMatrix phase in gang scheduling by changing transference condition and utilizing exchange. Journal of Supercomputing, 2013, 66, 1707-1728.	3.6	3
27	An analysis on interactions among secondary user and unknown jammer in cognitive radio systems by fictitious play. , 2013, , .		3
28	A novel design for adaptive cruise control based on extended reference model. , 2017, , .		3
29	Two-stage throttled-aware deterministic routing for non-stationary irregular mesh in network on-chip. , 2017, , .		3
30	Performance Evaluation of Decision Tree for Intrusion Detection Using Reduced Feature Spaces. Lecture Notes in Electrical Engineering, 2008, , 273-284.	0.4	2
31	A secure two-party password-authenticated key exchange protocol. , 2014, , .		2
32	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
33	MP Mitigation in Urban Canyons using GPSâ€combinedâ€GLONASS Weighted Vectorized Receiver. IET Signal Processing, 2017, 11, 446-451.	1.5	2
34	An Improved Version of the SIPO Algorithm with Fast Convergence Speed. , 2021, , .		2
35	Fast Converging Evolutionary Strategy for Multi-Constraint QoS Routing in Computer Networks Using New Decoding Mechanism. Computing and Informatics, 2017, 36, 405-422.	0.7	2
36	A Large-Scale Application Mapping in Reconfigurable Hardware Using Deep Graph Convolutional Network. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
37	Improved Rabin-Karp Algorithm Using Bloom Filter. , 2022, , .		2
38	Performance Evaluation of Adaptive Backoff Algorithms in Ad Hoc Networks. , 2009, , .		1
39	Dependency Aware Placement in Reconfigurable Computing Systems. , 2011, , .		1
40	A parallel k-means clustering initial center selection and dynamic center correction on GPU. , 2014, , .		1
41	An MDP Approach for Defending Against Fraud Attack in Cognitive Radio Networks. IETE Journal of Research, 2015, 61, 492-499.	2.6	1
42	A Potential Solutions-Based Parallelized GA for Application Graph Mapping in Reconfigurable Hardware. , 2020, , .		1
43	A quad-form clustered mapping approach for large-scale applications of reconfigurable computing systems. Computers and Electrical Engineering, 2022, 97, 107637.	4.8	1
44	Regional Selection Mechanism for Traffic-balanced Adaptive Routing Algorithms in Mesh-based NoC Architectures. , 2020, , .		1
45	An analytically derived vectorized model for application graph mapping in interconnection networks. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 8899-8911.	4.9	1
46	A Review of Network Slicing in 5G and Beyond: Intelligent Approaches and Challenges. , 2021, , .		1
47	Energy Efficient Clustering Algorithm with Direct Path Supports. , 2009, , .		0
48	A New Metric for On-Line Scheduling and Placement in Reconfigurable Computing Systems. Lecture Notes in Computer Science, 2010, , 422-433.	1.3	0
49	Security analysis and improvement of Smart Card-Based Authenticated Key Exchange protocol with CAPTCHAs for wireless mobile network. , 2011, , .		0
50	Automated formal analysis of NetConf protocol for authentication properties. , 2012, , .		0
51	Defense against Lion Attack in Cognitive Radio Systems using the Markov Decision Process Approach. Frequenz, 2014, 68, .	0.9	0
52	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