

Shaharuddin Salleh

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

482
citations

686830

13
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752256

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51
all docs

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docs citations

51
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Solving Target Coverage Problem Using Cover Sets in Wireless Sensor Networks Based on Learning Automata. <i>Wireless Personal Communications</i> , 2014, 75, 447-463.	1.8	37
2	A learning automata-based algorithm for solving coverage problem in directional sensor networks. <i>Computing (Vienna/New York)</i> , 2013, 95, 1-24.	3.2	32
3	Heuristic methods to maximize network lifetime in directional sensor networks with adjustable sensing ranges. <i>Journal of Network and Computer Applications</i> , 2014, 46, 26-35.	5.8	32
4	A new learning automata-based approach for maximizing network lifetime in wireless sensor networks with adjustable sensing ranges. <i>Neurocomputing</i> , 2015, 153, 11-19.	3.5	32
5	Utilizing distributed learning automata to solve the connected target coverage problem in directional sensor networks. <i>Sensors and Actuators A: Physical</i> , 2013, 198, 21-30.	2.0	27
6	Learning Automata-Based Algorithms for Solving the Target Coverage Problem in Directional Sensor Networks. <i>Wireless Personal Communications</i> , 2013, 73, 1309-1330.	1.8	25
7	A Learning Automata-Based Solution to the Priority-Based Target Coverage Problem in Directional Sensor Networks. <i>Wireless Personal Communications</i> , 2014, 79, 2323-2338.	1.8	21
8	Local coverage measurement algorithm in GPS-free wireless sensor networks. <i>Ad Hoc Networks</i> , 2014, 23, 1-17.	3.4	21
9	Learning automata-based algorithms for finding cover sets in wireless sensor networks. <i>Journal of Supercomputing</i> , 2013, 66, 1533-1552.	2.4	20
10	Solving Priority-Based Target Coverage Problem in Directional Sensor Networks with Adjustable Sensing Ranges. <i>Wireless Personal Communications</i> , 2017, 95, 847-872.	1.8	19
11	Scheduling algorithms for extending directional sensor network lifetime. <i>Wireless Networks</i> , 2015, 21, 611-623.	2.0	18
12	Scheduling in Parallel Computing Systems. , 1999, , .		18
13	A new robust mixed integer-valued model in DEA. <i>Applied Mathematical Modelling</i> , 2013, 37, 9885-9897.	2.2	15
14	MATIN: A Random Network Coding Based Framework for High Quality Peer-to-Peer Live Video Streaming. <i>PLoS ONE</i> , 2013, 8, e69844.	1.1	14
15	Multiprocessor scheduling using mean-field annealing. <i>Future Generation Computer Systems</i> , 1998, 14, 393-408.	4.9	13
16	The Use of Taguchi Method to Determine Factors Affecting the Performance of Destination Sequence Distance Vector Routing Protocol in Mobile Ad Hoc Networks. <i>Journal of Mathematics and Statistics</i> , 2008, 4, 194-198.	0.2	13
17	Enhanced Simulated Annealing Technique for the Single-Row Routing Problem. <i>Journal of Supercomputing</i> , 2002, 21, 285-302.	2.4	12
18	A note on integer-valued radial model in DEA. <i>Computers and Industrial Engineering</i> , 2013, 66, 199-200.	3.4	12

#	ARTICLE	IF	CITATIONS
19	A new method for evaluating decision making units in DEA. Journal of the Operational Research Society, 2014, 65, 694-707.	2.1	12
20	EF-MPR, a new energy eEfficient multi-point relay selection algorithm for MANET. Journal of Supercomputing, 2012, 59, 744-761.	2.4	11
21	Single-row mapping and transformation of connected graphs. Journal of Supercomputing, 2007, 39, 73-89.	2.4	8
22	A probabilistic routing protocol in VANET. , 2009, , .		7
23	Evaluation of a linear programming approach towards scheduling divisible real-time loads. , 2008, , .		6
24	Haralick texture and invariant moments features for breast cancer classification. AIP Conference Proceedings, 2016, , .	0.3	6
25	Single-Row Transformation of Complete Graphs. Journal of Supercomputing, 2005, 31, 265-279.	2.4	5
26	A Neural Network Model For The Common Due Date Job Scheduling On Unrelated Parallel Machines. International Journal of Computer Mathematics, 2003, 80, 845-851.	1.0	4
27	Dynamic Single-Row Routing Technique for Channel Assignments. , 2009, , .		4
28	A learning automata-based solution to the target coverage problem in wireless sensor networks. , 2013, , .		4
29	Nonlinear Arash Model in DEA. Research Journal of Applied Sciences, Engineering and Technology, 2013, 5, 4268-4273.	0.1	4
30	Free Vibration of Cross-Ply Laminated Plates with Variable Thickness Based on Shear Deformation Theory. International Journal of Computational Methods, 2016, 13, 1650016.	0.8	4
31	Ad-hoc network design with multiple metrics using Taguchi's loss function. , 2011, , .		3
32	Simulated Annealing Technique for Routing in a Rectangular Mesh Network. Modelling and Simulation in Engineering, 2014, 2014, 1-7.	0.4	3
33	SPLAI: Computational Finite Element Model for Sensor Networks. Mobile Information Systems, 2006, 2, 77-92.	0.4	2
34	Hybrid Training with Binary Search Protocol for Wireless Sensor Networks. Mobile Information Systems, 2007, 3, 233-249.	0.4	2
35	Extended Advancing Front Technique for the Initial Triangular Mesh Construction on a Single Coil for Radiative Heat Transfer. Arabian Journal for Science and Engineering, 2013, 38, 2245-2262.	1.1	2
36	Multi-training sensor networks with bipartite conflict graphs. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
37	Emergent Behavior in Massively-Deployed Sensor Networks. Mobile Information Systems, 2008, 4, 313-331.	0.4	1
38	Vehicular Ad Hoc Networks. International Journal of Vehicular Technology, 2011, 2011, 1-2.	1.1	1
39	Partitioning technique for transforming perfect binary trees into single-row networks. Japan Journal of Industrial and Applied Mathematics, 2012, 29, 317-330.	0.5	1
40	Routing problem in rectangular mesh network using shortest path based Greedy method. Journal of Physics: Conference Series, 2019, 1358, 012079.	0.3	1
41	A Probabilistic Routing Protocol in VANET. International Journal of Mobile Computing and Multimedia Communications, 2010, 2, 21-37.	0.4	1
42	Real-Time Divisible Load Theory: A Perspective. , 2009, , .		0
43	A CONCEPTUAL MODEL OF INTEGRATING SENSOR NETWORK AND RADIATIVE HEAT TRANSFER EQUATION FOR ETHYLENE FURNACE. , 2010, , .		0
44	A distributed probabilistic arbitration in sensors integration. , 2010, , .		0
45	Neighborhood discovery in a wireless sensor networks. , 2011, , .		0
46	SHORTEST PATH TECHNIQUE FOR SWITCHING IN A MESH NETWORK. International Journal of Modern Physics Conference Series, 2012, 09, 488-494.	0.7	0
47	An extended partitioning technique to transform trees into single-row networks. Applied Soft Computing Journal, 2014, 22, 483-491.	4.1	0
48	Hybrid Method for Digits Recognition using Fixed-Frame Scores and Derived Pitch. IFMBE Proceedings, 2007, , 72-76.	0.2	0