D Arivudainambi

List of Publications by Year
in descending order

48 papers	637 citations	759233 12 h-index	610901 24 g-index
50 all docs	50 docs citations	50 times ranked	409 citing authors

#	Article	IF	Citations
1	Spectrum Prediction in Cognitive Radio Network Using Machine Learning Techniques. Intelligent Automation and Soft Computing, 2022, 32, 1525-1540.	2.1	1
2	Cuckoo search algorithm for target coverage and sensor scheduling with adjustable sensing range in wireless sensor network. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 975-996.	0.8	12
3	Vertex coloring approach for Q-coverage problem in wireless sensor network. Journal of Intelligent and Fuzzy Systems, 2021, 40, 8683-8695.	1.4	1
4	Correlation based malicious traffic analysis system. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2021, 25, 195-200.	1.0	3
5	Energy efficient target coverage for a wireless sensor network. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108167.	5.0	15
6	Coverage and Connectivity-Based 3D Wireless Sensor Deployment Optimization. Wireless Personal Communications, 2020, 112, 1185-1204.	2.7	9
7	Dolphin partner optimization based secure and qualified virtual machine for resource allocation with streamline security analysis. Peer-to-Peer Networking and Applications, 2019, 12, 1194-1213.	3.9	13
8	Malware traffic classification using principal component analysis and artificial neural network for extreme surveillance. Computer Communications, 2019, 147, 50-57.	5.1	53
9	Resource allocation through optimized three-phase scheduled VMs by grey wolf optimization and introspection security analysis. Journal of Intelligent and Fuzzy Systems, 2019, 36, 4327-4340.	1.4	1
10	Stochastic analysis of an M/G/1 retrial queue subject to working vacation and starting failure. AIP Conference Proceedings, 2019, , .	0.4	1
11	LION IDS: A meta-heuristics approach to detect DDoS attacks against Software-Defined Networks. Neural Computing and Applications, 2019, 31, 1491-1501.	5.6	38
12	Optimal Placement of Wireless Chargers in Rechargeable Sensor Networks. IEEE Sensors Journal, 2018, 18, 4212-4222.	4.7	21
13	Three phase optimisation for qualified and secured VMs for resource allocation. International Journal of Enterprise Network Management, 2018, 9, 273.	0.3	1
14	A single server non-Markovian retrial queue with two types of service and Bernoulli vacation. International Journal of Operational Research, 2018, 33, 55.	0.2	4
15	Enhancing Quality of Coverage for Target Coverage Problem Using Discrete Haar Wavelet. Wireless Personal Communications, 2018, 101, 1817-1837.	2.7	2
16	Hybrid Memetic Algorithm With Two-Dimensional Discrete Haar Wavelet Transform for Optimal Sensor Placement. IEEE Sensors Journal, 2017, 17, 2267-2278.	4.7	15
17	Energy efficient sensor scheduling for Q-Coverage problem. , 2017, , .		3
18	Improved Memetic Algorithm for Energy Efficient Sensor Scheduling with Adjustable Sensing Range. Wireless Personal Communications, 2017, 95, 1737-1758.	2.7	13

#	Article	IF	Citations
19	Sensor deployment for target coverage in underwater wireless sensor network. , 2017, , .		19
20	Wavelength Assignment and Adaptive Shortest Path Algorithm in Cognitive Radio Networks Using Ant Colony Optimization. , 2017, , .		0
21	Scheduling Optimized Secured Virtual Machine Using Cuckoo Search and Flow Analyzer. Journal of Computational and Theoretical Nanoscience, 2017, 14, 2715-2724.	0.4	4
22	Energy Efficient Sensor Scheduling for Target Coverage in Wireless Sensor Network. Lecture Notes in Electrical Engineering, 2016, , 693-705.	0.4	14
23	Novel Key Management Scheme to Minimize Handoff Latency in IEEE 802.16m Networks. The National Academy of Sciences, India, 2016, 39, 29-33.	1.3	0
24	A Reliant Certificate Revocation of Malicious Nodes in MANETs. Wireless Personal Communications, 2016, 90, 435-455.	2.7	4
25	Connected coverage in wireless sensor networks using genetic algorithm. , 2015, , .		2
26	Retrial queueing system with balking, optional service and vacation. Annals of Operations Research, 2015, 229, 67-84.	4.1	28
27	A web-based degree program in open source education. , 2014, , .		0
28	Performance analysis of a single server retrial queue with working vacation. Opsearch, 2014, 51, 434-462.	1.8	38
29	Heuristic approach for broadcast scheduling, problem in wireless mesh networks. AEU - International Journal of Electronics and Communications, 2014, 68, 489-495.	2.9	8
30	Improved memetic algorithm for energy efficient target coverage in wireless sensor networks. , 2014, , .		14
31	Memetic algorithm for minimum energy broadcast problem in wireless ad hoc networks. Swarm and Evolutionary Computation, 2013, 12, 57-64.	8.1	20
32	Analysis of a service facility with cross trained servers and optional feedback. International Journal of Operational Research, 2013, 18, 218.	0.2	5
33	An evolutionary algorithm for broadcast scheduling in wireless multihop networks. Wireless Networks, 2012, 18, 787-798.	3.0	14
34	Broadcast Scheduling Problem in TDMA Ad Hoc Networks using Immune Genetic Algorithm. International Journal of Computers, Communications and Control, 2012, 8, 18.	1.8	6
35	Analysis of a single server retrial queue with general retrial times, two phases of service, balking and Bernoulli vacation. , 2011, , .		0
36	Analysis of a single server batch Markovian arrival process with feedback. , 2011, , .		0

#	Article	IF	Citations
37	Hystertic optimal policy of servers in front room and back room with switching time and switching cost. , 2011, , .		0
38	A domain specific heuristic algorithm for broadcast scheduling problem in wireless multihop networks. , 2011, , .		1
39	Cross trained workers with switching points, switching cost and optional feedback. , 2011, , .		0
40	Broadcast scheduling problem for TDMA ad-hoc networks. , 2011, , .		0
41	Stationary analysis of a single server retrial queue with priority and vacation. International Journal of Operational Research, 2009, 5, 26.	0.2	11
42	Some results on a generalized M/G/1 feedback queue with negative customers. Annals of Operations Research, 2006, 143, 277-296.	4.1	11
43	On The N-Policy of M/G/1 Feedback Queue with Varying Arrival Rates. Opsearch, 2002, 39, 296-314.	1.8	3
44	The M/G/1 retrial queue with Bernoulli schedules and general retrial times. Computers and Mathematics With Applications, 2002, 43, 15-30.	2.7	71
45	An M/G/1 Retrial Queueing System with Two-Phase Service and Preemptive Resume. Annals of Operations Research, 2002, 113, 61-79.	4.1	65
46	Transient solution of an M/M/1 queue with catastrophes. Computers and Mathematics With Applications, 2000, 40, 1233-1240.	2.7	92
47	Semi-markov compartmental models of invading insect populations. Korean Journal of Computational and Applied Mathematics, 2000, 7, 161-174.	0.2	0
48	Performance Analysis of an M/G/1 Feedback Retrial Queue with Two Types of Service and Bernoulli Vacation. Advances in Logistics, Operations, and Management Science Book Series, 0, , 38-54.	0.4	0