

D Arivudainambi

List of Publications by Year in descending order

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Version: 2024-02-01

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	Transient solution of an M/M/1 queue with catastrophes. Computers and Mathematics With Applications, 2000, 40, 1233-1240.	2.7	92
2	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
3	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
4	Malware traffic classification using principal component analysis and artificial neural network for extreme surveillance. Computer Communications, 2019, 147, 50-57.	5.1	53
5	Performance analysis of a single server retrial queue with working vacation. Opsearch, 2014, 51, 434-462.	1.8	38
6	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
7	Retrial queueing system with balking, optional service and vacation. Annals of Operations Research, 2015, 229, 67-84.	4.1	28
8	Optimal Placement of Wireless Chargers in Rechargeable Sensor Networks. IEEE Sensors Journal, 2018, 18, 4212-4222.	4.7	21
9	Memetic algorithm for minimum energy broadcast problem in wireless ad hoc networks. Swarm and Evolutionary Computation, 2013, 12, 57-64.	8.1	20
10	Sensor deployment for target coverage in underwater wireless sensor network. , 2017, , .		19
11	Hybrid Memetic Algorithm With Two-Dimensional Discrete Haar Wavelet Transform for Optimal Sensor Placement. IEEE Sensors Journal, 2017, 17, 2267-2278.	4.7	15
12	Energy efficient target coverage for a wireless sensor network. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108167.	5.0	15
13	An evolutionary algorithm for broadcast scheduling in wireless multihop networks. Wireless Networks, 2012, 18, 787-798.	3.0	14
14	Improved memetic algorithm for energy efficient target coverage in wireless sensor networks. , 2014, , .		14
15	Energy Efficient Sensor Scheduling for Target Coverage in Wireless Sensor Network. Lecture Notes in Electrical Engineering, 2016, , 693-705.	0.4	14
16	Improved Memetic Algorithm for Energy Efficient Sensor Scheduling with Adjustable Sensing Range. Wireless Personal Communications, 2017, 95, 1737-1758.	2.7	13
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Some results on a generalized M/G/1 feedback queue with negative customers. <i>Annals of Operations Research</i> , 2006, 143, 277-296.	4.1	11
20	Stationary analysis of a single server retrial queue with priority and vacation. <i>International Journal of Operational Research</i> , 2009, 5, 26.	0.2	11
21	Coverage and Connectivity-Based 3D Wireless Sensor Deployment Optimization. <i>Wireless Personal Communications</i> , 2020, 112, 1185-1204.	2.7	9
22	Heuristic approach for broadcast scheduling, problem in wireless mesh networks. <i>AEU - International Journal of Electronics and Communications</i> , 2014, 68, 489-495.	2.9	8
23	Broadcast Scheduling Problem in TDMA Ad Hoc Networks using Immune Genetic Algorithm. <i>International Journal of Computers, Communications and Control</i> , 2012, 8, 18.	1.8	6
24	Analysis of a service facility with cross trained servers and optional feedback. <i>International Journal of Operational Research</i> , 2013, 18, 218.	0.2	5
25	A Reliant Certificate Revocation of Malicious Nodes in MANETs. <i>Wireless Personal Communications</i> , 2016, 90, 435-455.	2.7	4
26	A single server non-Markovian retrial queue with two types of service and Bernoulli vacation. <i>International Journal of Operational Research</i> , 2018, 33, 55.	0.2	4
27	Scheduling Optimized Secured Virtual Machine Using Cuckoo Search and Flow Analyzer. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 2715-2724.	0.4	4
28	On The N-Policy of M/G/1 Feedback Queue with Varying Arrival Rates. <i>Opsearch</i> , 2002, 39, 296-314.	1.8	3
29	Energy efficient sensor scheduling for Q-Coverage problem. , 2017, , .		3
30	Correlation based malicious traffic analysis system. <i>International Journal of Knowledge-Based and Intelligent Engineering Systems</i> , 2021, 25, 195-200.	1.0	3
31	Connected coverage in wireless sensor networks using genetic algorithm. , 2015, , .		2
32	Enhancing Quality of Coverage for Target Coverage Problem Using Discrete Haar Wavelet. <i>Wireless Personal Communications</i> , 2018, 101, 1817-1837.	2.7	2
33	A domain specific heuristic algorithm for broadcast scheduling problem in wireless multihop networks. , 2011, , .		1
34	Three phase optimisation for qualified and secured VMs for resource allocation. <i>International Journal of Enterprise Network Management</i> , 2018, 9, 273.	0.3	1
35	Resource allocation through optimized three-phase scheduled VMs by grey wolf optimization and introspection security analysis. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 4327-4340.	1.4	1
36	Stochastic analysis of an M/G/1 retrial queue subject to working vacation and starting failure. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1

#	ARTICLE	IF	CITATIONS
37	Vertex coloring approach for Q-coverage problem in wireless sensor network. Journal of Intelligent and Fuzzy Systems, 2021, 40, 8683-8695.	1.4	1
38	Spectrum Prediction in Cognitive Radio Network Using Machine Learning Techniques. Intelligent Automation and Soft Computing, 2022, 32, 1525-1540.	2.1	1
39	Semi-markov compartmental models of invading insect populations. Korean Journal of Computational and Applied Mathematics, 2000, 7, 161-174.	0.2	0
40	Analysis of a single server retrial queue with general retrial times, two phases of service, balking and Bernoulli vacation. , 2011, , .		0
41	Analysis of a single server batch Markovian arrival process with feedback. , 2011, , .		0
42	Hystertic optimal policy of servers in front room and back room with switching time and switching cost. , 2011, , .		0
43	Cross trained workers with switching points, switching cost and optional feedback. , 2011, , .		0
44	A web-based degree program in open source education. , 2014, , .		0
45	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
46	Wavelength Assignment and Adaptive Shortest Path Algorithm in Cognitive Radio Networks Using Ant Colony Optimization. , 2017, , .		0
47	Broadcast scheduling problem for TDMA ad-hoc networks. , 2011, , .		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