

Senthil Kumar Muthukrihnan

List of Publications by Year in descending order

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26
papers

175
citations

1307594

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1125743

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g-index

28
all docs

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docs citations

28
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Control of Malware Spreading Model with Tracing and Patching in Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2021, 117, 2061-2083.	2.7	15
2	Dynamics of COVID-19 spreading model with social media public health awareness diffusion over multiplex networks: Analysis and control. <i>International Journal of Modern Physics C</i> , 2021, 32, 2150060.	1.7	3
3	Optimal control of alcoholism spreading through awareness over multiplex network. <i>International Journal of Biomathematics</i> , 2021, 14, 2150038.	2.9	2
4	On the Retrial-Queueing Model for Strategic Access and Equilibrium-Joining Strategies of Cognitive Users in Cognitive-Radio Networks with Energy Harvesting. <i>Energies</i> , 2021, 14, 2088.	3.1	4
5	Optimal control of a rumor model with group propagation over complex networks. <i>International Journal of Modern Physics C</i> , 2021, 32, 2150035.	1.7	9
6	Dynamics of Trachoma Epidemic in Human Contact Network with Seasonally Varying Infectious Medium. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2021, 91, 623-631.	1.2	2
7	Dynamics of Multi-Strain Malware Epidemics over Duty-Cycled Wireless Sensor Networks. , 2021, , .		0
8	Performance analysis of an unreliable M/G/1 retrial queue with two-way communication. <i>Operational Research</i> , 2020, 20, 2267-2280.	2.0	2
9	Hierarchical optimization of green routing for mobile advertisement vehicle. <i>Journal of Cleaner Production</i> , 2020, 258, 120661.	9.3	12
10	Heterogeneous Projection of Disruptive Malware Prevalence in Mobile Social Networks. <i>IEEE Communications Letters</i> , 2020, 24, 1673-1677.	4.1	3
11	Dynamic behaviour of competing memes™ spread with alert influence in multiplex social-networks. <i>Computing (Vienna/New York)</i> , 2019, 101, 1177-1197.	4.8	6
12	Performance analysis of an M/G/1 retrial queue with general retrial time, modified M-vacations and collision. <i>Operational Research</i> , 2017, 17, 649-667.	2.0	7
13	Mean-Field Dynamics of Inter-Switching Memes Competing Over Multiplex Social Networks. <i>IEEE Communications Letters</i> , 2017, 21, 967-970.	4.1	16
14	Overlay secondary spectrum sharing with independent re-attempts in cognitive radios. , 2016, , .		1
15	Transient analysis of a resource-limited recovery policy for epidemics: A retrial queueing approach. , 2016, , .		2
16	System Dynamics of a Refined Epidemic Model for Infection Propagation Over Complex Networks. <i>IEEE Systems Journal</i> , 2016, 10, 1316-1325.	4.6	29
17	Computational Intelligence, Cyber Security and Computational Models. <i>Advances in Intelligent Systems and Computing</i> , 2016, , .	0.6	1
18	Stability and Immunization Analysis of a Malware Spread Model over Scale-Free Networks. <i>IEEE Communications Letters</i> , 2014, , 1-1.	4.1	6

#	ARTICLE	IF	CITATIONS
19	Fuzzy VEISV Epidemic Propagation Modeling for Network Worm Attack. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 293-303.	0.6	0
20	Computational Intelligence, Cyber Security and Computational Models. <i>Advances in Intelligent Systems and Computing</i> , 2014, , .	0.6	1
21	Delay Analysis of Orderly Reattempts in Retrial Queueing System with Phase Type Retrial Time. <i>IEEE Communications Letters</i> , 2013, 17, 822-825.	4.1	4
22	Cost analysis of a bulk service retrial queue. <i>International Journal of Operational Research</i> , 2012, 14, 94.	0.2	3
23	A discrete-time Geo ^[X] /G/1 retrial queue with general retrial time and M-additional options for service. <i>RAIRO - Operations Research</i> , 2011, 45, 131-152.	1.8	0
24	An M ^X /G/1 retrial queue with two-phase service subject to active server breakdowns and two types of repair. <i>International Journal of Operational Research</i> , 2010, 8, 261.	0.2	27
25	On the Single Server Batch Arrival Retrial Queue with General Vacation Time under Bernoulli Schedule and Two phases of Heterogeneous Service. <i>Quality Technology and Quantitative Management</i> , 2008, 5, 145-160.	1.9	18
26	Mathematical model of a dynamic transmission of novel coronavirus (COVID-19) pandemic in the World. <i>Journal of Statistics and Management Systems</i> , 0, , 1-21.	0.6	2