Rashmi Ranjan Rout

List of Publications by Citations

24 papers	294 citations	10 h-index	16 g-index
33 ext. papers	424 ext. citations	4 avg, IF	4.2 L-index

#	Paper	IF	Citations
24	Enhancement of Lifetime using Duty Cycle and Network Coding in Wireless Sensor Networks. *IEEE Transactions on Wireless Communications*, **2013**, 12, 656-667	9.6	80
23	Adaptive data aggregation and energy efficiency using network coding in a clustered wireless sensor network: An analytical approach. *Computer Communications*, **2014**, 40, 65-75	5.1	32
22	On Network Lifetime Expectancy With Realistic Sensing and Traffic Generation Model in Wireless Sensor Networks. *IEEE Sensors Journal*, **2013**, 13, 2771-2779	4	23
21	Adaptive deep Q-learning model for detecting social bots and influential users in online social networks. *Applied Intelligence*, **2019**, 49, 3947-3964	4.9	22
20	Markov Decision Process-Based Switching Algorithm for Sustainable Rechargeable Wireless Sensor Networks. *IEEE Sensors Journal*, **2016**, 16, 2788-2797	4	22
19	Learning automata-based trust model for user recommendations in online social networks. *Computers and Electrical Engineering*, **2018**, 66, 174-188	4.3	15
18	Adaptive Fuzzy-Based Energy and Delay-Aware Routing Protocol for a Heterogeneous Sensor Network. *Journal of Computer Networks and Communications*, **2019**, 2019, 1-11	2.5	12
17	Fuzzy logic-based emergency vehicle routing: An IoT system development for smart city applications. *Computers and Electrical Engineering*, **2020**, 88, 106839	4.3	11
16	Detection of Social Botnet using a Trust Model based on Spam Content in Twitter Network **2018**,		11
15	Detection of Malicious Social Bots Using Learning Automata With URL Features in Twitter Network. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 1004-1018	4.5	10
14	Clustering based energy efficient multi-relay scheduling in green vehicular infrastructure. *Vehicular Communications*, **2020**, 25, 100251	5.7	8
13	Detection of node-misbehavior using overhearing and autonomous agents in wireless Ad-Hoc networks **2015**,		7
12	Markov decision process-based analysis of rechargeable nodes in wireless sensor networks **2010**,		7
11	Real-Time Task Scheduling in Fog-Cloud Computing Framework for IoT Applications: A Fuzzy Logic based Approach **2021**,		7
10	Deep Q-Learning and Particle Swarm Optimization for Bot Detection in Online Social Networks **2019**,		5
9	Markov decision process and network coding for reliable data transmission in wireless sensor and actor networks. *Pervasive and Mobile Computing*, **2019**, 56, 29-44	3.5	4
8	Adaptive buffering using Markov Decision Process in tree-based Wireless Sensor and Actor Networks. *Computers and Electrical Engineering*, **2018**, 71, 901-914	4.3	4

LIST OF PUBLICATIONS

7	Efficient data collection with directional antenna and network coding in wireless sensor networks **2012**,		3
6	Fuzzy logic based adaptive duty cycling for sustainability in energy harvesting sensor actor networks. *Journal of King Saud University - Computer and Information Sciences*, **2018**, 34, 1489-1489	2.5	3
5	Contact duration-aware cooperative cache placement using genetic algorithm for mobile edge networks. *Computer Networks*, **2021**, 193, 108062	5.4	2
4	An Adaptive Caching Technique Using Learning Automata in Disruption Tolerant Networks **2014**,		1
3	Deadline-aware caching using echo state network integrated fuzzy logic for mobile edge networks. *Wireless Networks*, **2021**, 27, 2409-2429	2.5	1
2	Auction based Energy-Efficient Cooperative Relay Scheduling in Bidirectional Highway Scenarios for VANET. *Wireless Personal Communications*, **2021**, 119, 1703	1.9	1
1	Particle Swarm Optimization on Deep Reinforcement Learning for Detecting Social Spam Bots and Spam-Influential Users in Twitter Network. *IEEE Systems Journal*, **2021**, 15, 2281-2292	4.3	1