

# Rashmi Ranjan Rout

## List of Publications by Year in descending order

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33  
papers

565  
citations

932766

10  
h-index

887659

17  
g-index

33  
all docs

33  
docs citations

33  
times ranked

475  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of Lifetime using Duty Cycle and Network Coding in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2013, 12, 656-667.	6.1	125
2	Adaptive deep Q-learning model for detecting social bots and influential users in online social networks. Applied Intelligence, 2019, 49, 3947-3964.	3.3	53
3	Adaptive data aggregation and energy efficiency using network coding in a clustered wireless sensor network: An analytical approach. Computer Communications, 2014, 40, 65-75.	3.1	41
4	Detection of Malicious Social Bots Using Learning Automata With URL Features in Twitter Network. IEEE Transactions on Computational Social Systems, 2020, 7, 1004-1018.	3.2	37
5	Real-Time Task Scheduling in Fog-Cloud Computing Framework for IoT Applications: A Fuzzy Logic based Approach. , 2021, , .		34
6	Fuzzy logic-based emergency vehicle routing: An IoT system development for smart city applications. Computers and Electrical Engineering, 2020, 88, 106839.	3.0	31
7	On Network Lifetime Expectancy With Realistic Sensing and Traffic Generation Model in Wireless Sensor Networks. IEEE Sensors Journal, 2013, 13, 2771-2779.	2.4	30
8	Markov Decision Process-Based Switching Algorithm for Sustainable Rechargeable Wireless Sensor Networks. IEEE Sensors Journal, 2016, 16, 2788-2797.	2.4	28
9	Learning automata-based trust model for user recommendations in online social networks. Computers and Electrical Engineering, 2018, 66, 174-188.	3.0	23
10	Detection of Social Botnet using a Trust Model based on Spam Content in Twitter Network. , 2018, , .		21
11	Adaptive Fuzzy-Based Energy and Delay-Aware Routing Protocol for a Heterogeneous Sensor Network. Journal of Computer Networks and Communications, 2019, 2019, 1-11.	1.2	18
12	Contact duration-aware cooperative cache placement using genetic algorithm for mobile edge networks. Computer Networks, 2021, 193, 108062.	3.2	15
13	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.	2.9	13
14	Deep Q-Learning and Particle Swarm Optimization for Bot Detection in Online Social Networks. , 2019, , .		10
15	Markov decision process-based analysis of rechargeable nodes in wireless sensor networks. , 2010, , .		9
16	Markov decision process and network coding for reliable data transmission in wireless sensor and actor networks. Pervasive and Mobile Computing, 2019, 56, 29-44.	2.1	9
17	Clustering based energy efficient multi-relay scheduling in green vehicular infrastructure. Vehicular Communications, 2020, 25, 100251.	2.7	9
18	A Network Coding based Probabilistic Routing scheme for Wireless Sensor Network. , 2010, , .		8

#	ARTICLE	IF	CITATIONS
19	Detection of node-misbehavior using overhearing and autonomous agents in wireless Ad-Hoc networks. , 2015, , .		8
20	Fuzzy logic based adaptive duty cycling for sustainability in energy harvesting sensor actor networks. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 1489-1497.	2.7	8
21	Deadline-aware caching using echo state network integrated fuzzy logic for mobile edge networks. Wireless Networks, 2021, 27, 2409-2429.	2.0	8
22	Fuzzy Logic based Task Scheduling Algorithm in Vehicular Fog Computing Framework. , 2021, , .		7
23	Efficient data collection with directional antenna and network coding in wireless sensor networks. , 2012, , .		6
24	Adaptive buffering using Markov Decision Process in tree-based Wireless Sensor and Actor Networks. Computers and Electrical Engineering, 2018, 71, 901-914.	3.0	5
25	An Adaptive Caching Technique Using Learning Automata in Disruption Tolerant Networks. , 2014, , .		3
26	Reduction of look up latency in location-aware clusters of large-scale P2P overlay networks. , 2008, , .		2
27	A Centralized Server Based Cluster Integrated Protocol in Hybrid P2P Systems. , 2008, , .		2
28	Network Coding Based Multiple Fault Tolerance Scheme in P2P Cloud Storage System. , 2018, , .		1
29	Auction based Energy-Efficient Cooperative Relay Scheduling in Bidirectional Highway Scenarios for VANET. Wireless Personal Communications, 2021, 119, 1703.	1.8	1
30	Trust-based decentralized service discovery in structured Peer-to-Peer networks. , 2014, , .		0
31	Energy efficient relaying using network coding for inter-cluster communication in sensor networks. , 2014, , .		0
32	An Improved Friendship-based Routing Algorithm in Mobile Social Networks. , 2018, , .		0
33	A Congestion-Aware Routing Protocol for Voluminous Data Collection in Wireless Sensor Networks. , 2018, , .		0