Sangman Moh

List of Publications by Year
in descending order

		257101	243296
83	2,298	24	44
papers	citations	h-index	g-index

83	83	83	1737
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Localization and Clustering Based on Swarm Intelligence in UAV Networks for Emergency Communications. IEEE Internet of Things Journal, 2019, 6, 8958-8976.	5.5	174
2	Spectrum mobility in cognitive radio networks. , 2012, 50, 114-121.		166
3	Routing Protocols for Unmanned Aerial Vehicle Networks: A Survey. IEEE Access, 2019, 7, 99694-99720.	2.6	131
4	Enhanced secure sensor association and key management in wireless body area networks. Journal of Communications and Networks, 2015, 17, 453-462.	1.8	120
5	A Survey on Cluster-Based Routing Protocols for Unmanned Aerial Vehicle Networks. IEEE Access, 2019, 7, 498-516.	2.6	102
6	Location-Aided Delay Tolerant Routing Protocol in UAV Networks for Post-Disaster Operation. IEEE Access, 2018, 6, 59891-59906.	2.6	97
7	A Priority-Based Adaptive MAC Protocol for Wireless Body Area Networks. Sensors, 2016, 16, 401.	2.1	80
8	Routing Protocols for Unmanned Aerial Vehicle-Aided Vehicular Ad Hoc Networks: A Survey. IEEE Access, 2020, 8, 77535-77560.	2.6	78
9	Survey on computation offloading in UAV-Enabled mobile edge computing. Journal of Network and Computer Applications, 2022, 201, 103341.	5.8	74
10	A Q-Learning-Based Topology-Aware Routing Protocol for Flying Ad Hoc Networks. IEEE Internet of Things Journal, 2022, 9, 1985-2000.	5.5	68
11	Bio-Inspired Approaches for Energy-Efficient Localization and Clustering in UAV Networks for Monitoring Wildfires in Remote Areas. IEEE Access, 2021, 9, 18649-18669.	2.6	62
12	Identity-based key agreement protocol employing a symmetric balanced incomplete block design. Journal of Communications and Networks, 2012, 14, 682-691.	1.8	60
13	Buffer scheme optimization of epidemic routing in delay tolerant networks. Journal of Communications and Networks, 2014, 16, 656-666.	1.8	52
14	A Survey on Temperature-Aware Routing Protocols in Wireless Body Sensor Networks. Sensors, 2013, 13, 9860-9877.	2.1	49
15	Energy-Efficient and Fast Data Collection in UAV-Aided Wireless Sensor Networks for Hilly Terrains. IEEE Access, 2021, 9, 23168-23190.	2.6	46
16	A Cooperative Diversity-Based Robust MAC Protocol in Wireless Ad Hoc Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 353-363.	4.0	45
17	Reinforcement Learning-Based Routing Protocols for Vehicular Ad Hoc Networks: A Comparative Survey. IEEE Access, 2021, 9, 27552-27587.	2.6	45
18	Survey on Recent Advancements in Energy-Efficient Routing Protocols for Underwater Wireless Sensor Networks. IEEE Access, 2021, 9, 55045-55062.	2.6	40

#	Article	IF	Citations
19	Interference Mitigation Schemes for Wireless Body Area Sensor Networks: A Comparative Survey. Sensors, 2015, 15, 13805-13838.	2.1	39
20	Medium Access Control Protocols for Flying Ad Hoc Networks: A Review. IEEE Sensors Journal, 2021, 21, 4097-4121.	2.4	35
21	Medium Access Control Protocols for Unmanned Aerial Vehicle-Aided Wireless Sensor Networks: A Survey. IEEE Access, 2019, 7, 65728-65744.	2.6	33
22	Routing Protocols for UAV-Aided Wireless Sensor Networks. Applied Sciences (Switzerland), 2020, 10, 4077.	1.3	33
23	On-demand routing protocols for cognitive radio ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	32
24	Wireless Channel Models for Over-the-Sea Communication: A Comparative Study. Applied Sciences (Switzerland), 2019, 9, 443.	1.3	31
25	Organized topology based routing protocol in incompletely predictable ad-hoc networks. Computer Communications, 2017, 99, 107-118.	3.1	29
26	Vertex-Based Multihop Vehicle-to-Infrastructure Routing for Vehicular Ad Hoc Networks. , 2010, , .		24
27	A Survey of MAC Protocols for Cognitive Radio Body Area Networks. Sensors, 2015, 15, 9189-9209.	2.1	24
28	Energy- and Cognitive-Radio-Aware Routing in Cognitive Radio Sensor Networks. International Journal of Distributed Sensor Networks, 2012, 8, 636723.	1.3	23
29	Hybrid Multi-Channel MAC Protocol for WBANs with Inter-WBAN Interference Mitigation. Sensors, 2018, 18, 1373.	2.1	23
30	Hybrid Path Planning for Efficient Data Collection in UAV-Aided WSNs for Emergency Applications. Sensors, 2021, 21, 2839.	2.1	23
31	Wireless Power Transfer in Wirelessly Powered Sensor Networks: A Review of Recent Progress. Sensors, 2022, 22, 2952.	2.1	23
32	JRCS: Joint Routing and Charging Strategy for Logistics Drones. IEEE Internet of Things Journal, 2022, 9, 21751-21764.	5.5	23
33	Comprehensive Survey of Radio Resource Allocation Schemes for 5G V2X Communications. IEEE Access, 2021, 9, 123117-123133.	2.6	22
34	Routing protocols in cognitive radio ad hoc networks: A comprehensive review. Journal of Network and Computer Applications, 2016, 72, 28-37.	5.8	21
35	Energy-Efficient and Fast MAC Protocol in UAV-Aided Wireless Sensor Networks for Time-Critical Applications. Sensors, 2020, 20, 2635.	2.1	21
36	Comment: "Eenhanced novel access control protocol over wireless sensor networks". IEEE Transactions on Consumer Electronics, 2010, 56, 2019-2021.	3.0	20

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37	An Energy-Efficient Game-Theory-Based Spectrum Decision Scheme for Cognitive Radio Sensor Networks. Sensors, 2016, 16, 1009.	2.1	20
38	Game theory-based Routing for Wireless Sensor Networks: A Comparative Survey. Applied Sciences (Switzerland), 2019, 9, 2896.	1.3	20
39	Joint topology control and routing in a UAV swarm for crowd surveillance. Journal of Network and Computer Applications, 2022, 204, 103427.	5.8	17
40	Equal-Size Clustering for Irregularly Deployed Wireless Sensor Networks. Wireless Personal Communications, 2015, 82, 995-1012.	1.8	16
41	An Energy-Efficient and Robust Multipath Routing Protocol for Cognitive Radio Ad Hoc Networks. Sensors, 2017, 17, 2027.	2.1	16
42	Survey on Q-Learning-Based Position-Aware Routing Protocols in Flying Ad Hoc Networks. Electronics (Switzerland), 2022, 11, 1099.	1.8	16
43	Task assignment algorithms for unmanned aerial vehicle networks: A comprehensive survey. Vehicular Communications, 2022, 35, 100469.	2.7	16
44	Robust Evolutionary-Game-Based Routing for Wireless Multimedia Sensor Networks. Sensors, 2019, 19, 3544.	2.1	15
45	An Interference-Aware Traffic-Priority-Based Link Scheduling Algorithm for Interference Mitigation in Multiple Wireless Body Area Networks. Sensors, 2016, 16, 2190.	2.1	14
46	Secure and Efficient Data Sharing in Dynamic Vehicular Networks. IEEE Internet of Things Journal, 2020, 7, 8208-8217.	5.5	13
47	A Priority Routing Protocol Based on Location and Moving Direction in Delay Tolerant Networks. IEICE Transactions on Information and Systems, 2010, E93-D, 2763-2775.	0.4	12
48	A Novel Anonymous RFID Authentication Protocol Providing Strong Privacy and Security. , 2010, , .		12
49	Link Scheduling Algorithm with Interference Prediction for Multiple Mobile WBANs. Sensors, 2017, 17, 2231.	2.1	11
50	Medium Access Control Protocols for the Internet of Things Based on Unmanned Aerial Vehicles: A Comparative Survey. Sensors, 2020, 20, 5586.	2.1	11
51	A Novel Multi-channel MAC Protocol for Directional Antennas in Ad Hoc Networks. Wireless Personal Communications, 2015, 80, 1095-1112.	1.8	9
52	Clustering with One-Time Setup for Reduced Energy Consumption and Prolonged Lifetime in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 301869.	1.3	8
53	Energy-Efficient Medium Access Control Protocols for Cognitive Radio Sensor Networks: A Comparative Survey. Sensors, 2018, 18, 3781.	2.1	8
54	Priority-Aware Fast MAC Protocol for UAV-Assisted Industrial IoT Systems. IEEE Access, 2021, 9, 57089-57106.	2.6	8

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55	A Robust and Energy-Efficient Transport Protocol for Cognitive Radio Sensor Networks. Sensors, 2014, 14, 19533-19550.	2.1	7
56	A Low-Interference Channel Status Prediction Algorithm for Instantaneous Spectrum Access in Cognitive Radio Networks. Wireless Personal Communications, 2015, 85, 2599-2610.	1.8	7
57	A Spectrum-Aware Priority-Based Link Scheduling Algorithm for Cognitive Radio Body Area Networks. Sensors, 2019, 19, 1640.	2.1	7
58	Adaptive multicast on mobile ad hoc networks using tree-based meshes with variable density of redundant paths. Wireless Networks, 2009, 15, 1029-1041.	2.0	6
59	An Energy-Efficient and Compact Clustering Scheme with Temporary Support Nodes for Cognitive Radio Sensor Networks. Sensors, 2014, 14, 14634-14653.	2.1	6
60	A Mac Protocol with Dynamic Allocation of Time Slots Based on Traffic Priority in Wireless Body Area Networks. International Journal of Computer Networks and Communications, 2019, 11, 25-41.	0.3	6
61	Energy Efficiency of MAC Protocols in Wireless Sensor Networks. , 2011, , .		5
62	Transmission Power Control Aware Routing in Cognitive Radio Ad Hoc Networks. Wireless Personal Communications, 2013, 71, 2713-2724.	1.8	5
63	A Robust Deafness-Free MAC Protocol for Directional Antennas in Ad Hoc Networks. Wireless Personal Communications, 2017, 96, 1111-1129.	1.8	5
64	Energy-Efficient Protocol of Link Scheduling in Cognitive Radio Body Area Networks for Medical and Healthcare Applications. Sensors, 2020, 20, 1355.	2.1	5
65	Two cooperation models and their optimal routing for cooperative diversity in wireless ad hoc networks. , 2008, , .		4
66	Sink-Type-Dependent Data-Gathering Frameworks in Wireless Sensor Networks: A Comparative Study. Sensors, 2021, 21, 2829.	2.1	4
67	PEARSH: A power efficient algorithm for raising sensor half-life with wireless battery recharge module. , 2009, , .		3
68	A Balanced Clustering Algorithm for Non-uniformly Deployed Sensor Networks. , 2011, , .		3
69	Qualitative and Quantitative Comparison of IEEE 802.15.3c and IEEE 802.11ad for Multi-Gbps Local Communications. Wireless Personal Communications, 2014, 75, 2135-2149.	1.8	3
70	Energy-Efficient Clustering with One Time Setup for Wireless Sensor Networks. , 2012, , .		2
71	A Priority-Based Temperature-Aware Routing Protocol for Wireless Body Area Networks. IEICE Transactions on Communications, 2014, E97.B, 546-554.	0.4	2
72	Residual energy-based clustering in UAV-aided wireless sensor networks for surveillance and monitoring applications. , 0, , .		2

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73	ARCS: An Energy-Efficient Clustering Scheme for Sensor Network Monitoring Systems. ISRN Communications and Networking, 2011, 2011, 1-10.	0.5	2
74	Cost- and reward-based clustering for wireless sensor networks: A performance tradeoff. , 2013, , .		1
75	A coordinated multiband MAC protocol for energy- efficient multi-Gbps wireless LANs. , 2015, , .		1
76	Channel-Aware MAC Protocol for Cognitive Radio Sensor Networks. , 2018, , .		1
77	Energy Conservation Techniques for Flying Ad Hoc Networks.. , 2020, , .		1
78	Adjacency-Based Mesh Process Mapping for Irregular Cluster Systems. , 2009, , .		0
79	A Novel Algorithm for Maximizing the Lifetime of Sensor Networks and the Use of an m²-Mote to Refresh Battery Power On-the-Fly. , 2009, , .		0
80	A Highly Successful Frame Contention Strategy for Self-Coexistence in IEEE 802.22 Wireless Regional Area Networks. Wireless Personal Communications, 2015, 83, 959-973.	1.8	0
81	Energy-Efficient Link Scheduling for Cognitive Radio Body Area Networks in Medical Applications. , 2019, , .		0
82	A Novel Structure-Based Data Sharing Scheme in Cloud Computing. IEICE Transactions on Information and Systems, 2020, E103.D, 222-229.	0.4	0
83	Energy-Efficient Data Gathering Schemes in UAV-Based Wireless Sensor Networks. , 2020, , .		0