Hang Shen

List of Publications by Year
in descending order

38 papers	**354** citations	933447 **10** h-index	839539 **18** g-index
39 all docs	**39** docs citations	**39** times ranked	**427** citing authors

#	Article	IF	Citations
1	Drone-Small-Cell-Assisted Resource Slicing for 5G Uplink Radio Access Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 7071-7086.	6.3	21
2	QoI-aware incentive for multimedia crowdsensing enabled learning system. Multimedia Systems, 2020, 26, 3-16.	4.7	8
3	Cluster-based Distributed Compressed Sensing for QoS Routing in Cognitive Video Sensor Networks. IOP Conference Series: Earth and Environmental Science, 2019, 234, 012112.	0.3	1
4	Detecting Link Correlation Spoofing Attack: A Beacon-Trap Approach. , 2019, , .		0
5	A Spectrum-Aware Clustering Algorithm Based on Weighted Clustering Metric in Cognitive Radio Sensor Networks. IEEE Access, 2019, 7, 109555-109565.	4.2	23
6	CDCS: Cluster-Based Distributed Compressed Sensing to Facilitate QoS Routing in Cognitive Video Sensor Networks. Entropy, 2019, 21, 345.	2.2	0
7	Energy-Level Jumping Algorithm for Global Optimization in Compressive Sensing-Based Target Localization. Sensors, 2019, 19, 2502.	3.8	0
8	Guest editorials: Special issue on fog/edge networking for multimedia applications. Peer-to-Peer Networking and Applications, 2019, 12, 1477-1479.	3.9	0
9	WGM: Wavelet-Based Gamma Model for Video Traffic in Wireless Multi-hop Networks. Wireless Personal Communications, 2019, 107, 565-587.	2.7	2
10	P2TA: Privacy-preserving task allocation for edge computing enhanced mobile crowdsensing. Journal of Systems Architecture, 2019, 97, 130-141.	4.3	35
11	Urban Big Data. , 2019, , 1-3.		0
12	QoS-Guaranteed Wireless Broadcast Scheduling With Network Coding and Rate Adaptation. IEEE Transactions on Vehicular Technology, 2018, 67, 6492-6503.	6.3	5
13	An Affine Scaling Steepest Descent Algorithm for Target Localization in Wireless Sensor Networks. IEEE Access, 2018, 6, 47575-47586.	4.2	2
14	Privacy-Preserving Task Allocation for Edge Computing Enhanced Mobile Crowdsensing. Lecture Notes in Computer Science, 2018, , 431-446.	1.3	4
15	Incentivizing Multimedia Data Acquisition for Machine Learning System. Lecture Notes in Computer Science, 2018, , 142-158.	1.3	1
16	An Adaptive Gradient Projection Algorithm for Piecewise Convex Optimization and Its Application in Compressed Spectrum Sensing. Mathematical Problems in Engineering, 2018, 2018, 1-9.	1.1	0
17	Strong barrier coverage of directional sensor networks with mobile sensors. International Journal of Distributed Sensor Networks, 2018, 14, 155014771876158.	2.2	11
18	Protecting trajectory privacy: A user-centric analysis. Journal of Network and Computer Applications, 2017, 82, 128-139.	9.1	26

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19	Routing in wireless multimedia sensor networks: A survey and challenges ahead. Journal of Network and Computer Applications, 2016, 71, 30-49.	9.1	92
20	Energy efficient barrier coverage in hybrid directional sensor networks. , 2015, , .		5
21	C2EM: cloud-assisted complex event monitoring in wireless multimedia sensor networks. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	4
22	L2OR: Low-Cost Low-Complexity Opportunistic Routing for Wireless Sensor Networks. Wireless Personal Communications, 2015, 82, 401-422.	2.7	5
23	Optimal Deployment and Scheduling with Directional Sensors for Energy-Efficient Barrier Coverage. International Journal of Distributed Sensor Networks, 2014, 10, 596983.	2.2	11
24	QMOR: QoS-Aware Multi-sink Opportunistic Routing for Wireless Multimedia Sensor Networks. Wireless Personal Communications, 2014, 75, 1307-1330.	2.7	29
25	Priority-based IEEE 802.15.4 CSMA/CA mechanism for WSNs. Journal of China Universities of Posts and Telecommunications, 2013, 20, 47-53.	0.8	17
26	Flow-correlation-aware opportunistic network coding for video streaming over wireless networks. , 2013, , .		1
27	An Adaptive Opportunistic Network Coding Mechanism in Wireless Multimedia Sensor Networks. International Journal of Distributed Sensor Networks, 2012, 8, 565604.	2.2	13
28	A GOP-aware multipath source routing protocol for MPEG video delivery over mobile ad hoc networks. Journal of China Universities of Posts and Telecommunications, 2012, 19, 23-35.	0.8	1
29	ECBRP: An Efficient Cluster-Based Routing Protocol for Real-Time Multimedia Streaming in MANETs. Wireless Personal Communications, 2011, 61, 283-302.	2.7	8
30	Simulation Study of TCP Performance over Multi-Hop Ad Hoc Networks. , 2010, , .		0
31	A link–lifetime based dynamic source routing protocol (LTDSR) for multimedia over MANETs. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2010, 33, 761-768.	1.1	4
32	An Adaptive Queue Management Mechanism for Video Streaming over Mobile Ad Hoc Networks. , 2009, , .		4
33	A power-aware multipath routing protocol for IEEE802.11e wireless ad hoc networks. , 2008, , .		1
34	Performance Evaluation of a Hybrid FEC/ARQ for Wireless Media Streaming. , 2008, , .		8
35	Traffic Characterization and Modeling for Video Streaming Over Multi-Hop WLANs. , 2008, , .		2
36	Position-Based Multipath Routing Protocol for Multimedia Streaming in Mobile Ad Hoc Networks. , 2008, , .		5

#	Article	IF	Citations
37	Performance Study of an Enhanced Adaptive FEC for Wireless Media Streaming. , 2008, , .		4
38	A Cross-Layer Based Multipath Routing Protocol for IEEE802.11e Mobile Ad Hoc Networks. , 2007, , .		1