Xingfu Wang

List of Publications by Year
in descending order

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29	423	759233 12	752698 20
papers	citations	h-index	g-index

29	29	29	420
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	LORA: Load-Balanced Opportunistic Routing for Asynchronous Duty-Cycled WSN. IEEE Transactions on Mobile Computing, 2019, 18, 1601-1615.	5.8	55
2	Swadloon: Direction Finding and Indoor Localization Using Acoustic Signal by Shaking Smartphones. IEEE Transactions on Mobile Computing, 2015, 14, 2145-2157.	5.8	49
3	Fuzzy-Based Distributed Protocol for Vehicle-to-Vehicle Communication. IEEE Transactions on Fuzzy Systems, 2021, 29, 612-626.	9.8	36
4	Zone Probabilistic Routing for Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2019, 18, 728-741.	5.8	30
5	Sink-oriented tree based data dissemination protocol for mobile sinks wireless sensor networks. Wireless Networks, 2018, 24, 2723-2734.	3.0	29
6	Routing protocols classification for underwater wireless sensor networks based on localization and mobility. Wireless Networks, 2022, 28, 797-826.	3.0	29
7	Novel Architecture and Heuristic Algorithms for Software-Defined Wireless Sensor Networks. IEEE/ACM Transactions on Networking, 2020, 28, 2809-2822.	3.8	22
8	FRCA: A Novel Flexible Routing Computing Approach for Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2020, 19, 2623-2639.	5.8	19
9	A Novel Heuristic Data Routing for Urban Vehicular Ad Hoc Networks. IEEE Internet of Things Journal, 2021, 8, 8976-8989.	8.7	19
10	Grid Coverage Algorithm & Analyzing for wireless sensor networks. Network Protocols and Algorithms, 2014, 6, 1.	1.0	14
11	Tuft: Tree Based Heuristic Data Dissemination for Mobile Sink Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2022, 21, 1520-1536.	5.8	14
12	GLT: Grouping Based Location Tracking for Object Tracking Sensor Networks. Wireless Communications and Mobile Computing, 2017, 2017, 1-19.	1.2	13
13	FLORA: Fuzzy Based Load-Balanced Opportunistic Routing for Asynchronous Duty-Cycled WSNs. IEEE Transactions on Mobile Computing, 2023, 22, 253-268.	5.8	12
14	SDORP: SDN Based Opportunistic Routing for Asynchronous Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2023, 22, 4912-4929.	5.8	11
15	Sensors Grouping Hierarchy Structure for Wireless Sensor Network. International Journal of Distributed Sensor Networks, 2015, 11, 650519.	2.2	9
16	Extracting the overlapped sub-regions in wireless sensor networks. Wireless Networks, 2019, 25, 4705-4726.	3.0	8
17	TORP: Load Balanced Reliable Opportunistic Routing for Asynchronous Wireless Sensor Networks. , 2020, , .		7
18	POWER: probabilistic weight-based energy-efficient cluster routing for large-scale wireless sensor networks. Journal of Supercomputing, 2022, 78, 12765-12791.	3.6	7

#	Article	IF	Citations
19	Energy Preserving Detection Model for Collaborative Black Hole Attacks in Wireless Sensor Networks. , 2016, , .		6
20	Heuristic data dissemination for mobile sink networks. Wireless Networks, 2020, 26, 479-493.	3.0	6
21	Reinforcement learning based on routing with infrastructure nodes for data dissemination in vehicular networks (RRIN). Wireless Networks, 2022, 28, 2169-2184.	3.0	6
22	A state-of-the-art survey on wireless rechargeable sensor networks: perspectives and challenges. Wireless Networks, 2022, 28, 3019-3043.	3.0	6
23	Rethinking Separable Convolutional Encoders for End-to-End Semantic Image Segmentation. Mathematical Problems in Engineering, 2021, 2021, 1-12.	1.1	4
24	A (t, m, n)â€Group Oriented Secret Sharing Scheme. Chinese Journal of Electronics, 2016, 25, 174-178.	1.5	3
25	A novel genetic algorithm based on circles for larger-scale traveling salesman problem. , 2017, , .		3
26	Building Sentiment Lexicon with Representation Learning Based on Contrast and Label of Sentiment. , 2018, , .		2
27	Convolution Encoders for End-to-End Action Tracking With Space-Time Cubic Kernels. IEEE Access, 2020, 8, 139023-139032.	4.2	2
28	D2F: discriminative dense fusion of appearance and motion modalities for end-to-end video classification. Multimedia Tools and Applications, 2022, 81, 12157-12176.	3.9	2
29	End to End Alignment Learning of Instructional Videos with Spatiotemporal Hybrid Encoding and Decoding Space Reduction. Applied Sciences (Switzerland), 2021, 11, 4954.	2.5	0