Yu Xia

List of Publications by Year
in descending order

15 papers	**59** citations	2258059 **3** h-index	2272923 **4** g-index
15 all docs	**15** docs citations	**15** times ranked	**27** citing authors

#	Article	IF	Citations
1	Lightweight, Fluctuation Insensitive Multi-Parameter Fusion Link Quality Estimation for Wireless Sensor Networks. IEEE Access, 2020, 8, 28496-28511.	4.2	13
2	Improving Traditional Routing Protocols for Flying Ad Hoc Networks: A Survey. , 2020, , .		11
3	Recurrent Neural Network Based Link Quality Prediction for Fluctuating Low Power Wireless Links. Sensors, 2022, 22, 1212.	3.8	8
4	Environmental Impacts on Hardware-Based Link Quality Estimators in Wireless Sensor Networks. Sensors, 2020, 20, 5327.	3.8	6
5	Simplified Theoretical Model based Self-adaptive Packet Reception Rate Estimation in Sensor Networks. , 2020, , .		5
6	Lightweight Multi-parameter Fusion Link Quality Estimation Based on Weighted Euclidean Distance. , 2019, , .		4
7	Wavelet Neural Network Based Link Quality Prediction for Fluctuating Low Power Wireless Links. , 2021, , .		3
8	FaLQE: Fluctuation Adaptive Link Quality Estimator for Wireless Sensor Networks. Communications in Computer and Information Science, 2019, , 48-60.	0.5	3
9	Faster or Slower: Convergence of Link Quality Metrics in Wireless Sensor Networks. , 2020, , .		2
10	Revisiting Link Quality Metrics for Wireless Sensor Networks. , 2019, , .		1
11	Deception and Asymmetry of Low-Power Links in UAV Assisted Wireless Sensor Networks. , 2021, , .		1
12	Recurrent Neural Network Based Link Quality Prediction for Wireless Sensor Networks. , 2021, , .		1
13	Distributed and Accurate Packet Reception Rate Estimation under Cross-Technology Interference. , 2020, , .		1
14	A Mechanically Controlled Reconfigurable Reflective Metasurface. , 2020, , .		0
15	Characterization and Calibration of Key Parameters for Low Power Radio Transceivers. , 2021, , .		0