Peng Hong

List of Publications by Year
in descending order

41 papers	299 citations	1478505 6 h-index	940533 16 g-index
41 all docs	41 docs citations	41 times ranked	411 citing authors

#	Article	IF	Citations
1	Collaborative Energy and Information Transfer in Green Wireless Sensor Networks for Smart Cities. IEEE Transactions on Industrial Informatics, 2018, 14, 1585-1593.	11.3	126
2	Simultaneous Wireless Information and Power Transfer Based on Joint Subcarrier and Power Allocation in OFDM Systems. IEEE Access, 2017, 5, 2763-2770.	4.2	46
3	Spectrum Optimization for Cognitive Satellite Communications With Cournot Game Model. IEEE Access, 2018, 6, 1624-1634.	4.2	17
4	Power optimisation in UAVâ€assisted wireless powered cooperative mobile edge computing systems. IET Communications, 2020, 14, 2516-2523.	2.2	11
5	Joint Resource Optimization in Simultaneous Wireless Information and Power Transfer (SWIPT) Enabled Multi-Relay Internet of Things (IoT) System. Sensors, 2019, 19, 2536.	3.8	9
6	Joint Resource Optimization for Cognitive Sensor Networks with SWIPT-Enabled Relay. Sensors, 2017, 17, 2093.	3.8	8
7	Cooperative spectrum sharing in cognitive radio networks with proactive primary system. , 2013, , .		7
8	Cooperative spectrum sharing based on contract theory with optimal bandwidth and power allocation. , 2017, , .		7
9	Beamforming and fronthaul compression design for intelligent reflecting surface aided cloud radio access networks. Frontiers of Information Technology and Electronic Engineering, 2022, 23, 31-46.	2.6	7
10	An ROIs based pedestrian detection system for single images. , 2012, , .		6
11	Energy-efficient content distribution via mobile users cooperations in cellular networks. Peer-to-Peer Networking and Applications, 2017, 10, 750-764.	3.9	5
12	Rateless Coded Uplink Transmission Design for Multi-User C-RAN. Sensors, 2019, 19, 2978.	3.8	5
13	Parameters Measurement of Multiple Exponentially Damped Sinusoids With Sub-Nyquist Sampling. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2710-2714.	3.0	5
14	Image Reconstruction Based on Sequential Monte Carlo Principle for EMT. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	5
15	Sub-Nyquist Sampling of ECG Signals Based on the Extension of Variable Pulsewidth Model. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	5
16	Simultaneous wireless information and power transfer in OFDM systems based on subcarrier allocation. , 2016, , .		4
17	Sub-Nyquist Sampling of ECG Signals With Differentiated VPW Optimization Model. IEEE Sensors Journal, 2022, 22, 9697-9712.	4.7	4
18	Rateless Coded Multi-User Downlink Transmission in Cloud Radio Access Network. Mobile Networks and Applications, 2018, , 1.	3.3	3

#	ARTICLE	IF	CITATIONS
19	Interference Reducing and Resource Allocation in UAV-Powered Wireless Communication System. , 2020, , .		3
20	FRI Sampling of Parametric Signals With Non-Ideal Sinc Kernel. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3361-3365.	3.0	3
21	Rateless Code Profiles Design for Uplink C-RAN under Block Fading Channel. , 2018, , .		2
22	Power optimization in UAV-based wireless power transmission and collaborative MEC IoT networks. Wireless Networks, 0, , 1.	3.0	2
23	Sub-Nyquist Sampling of Multiple Exponentially Damped Sinusoids With Feedback Structure. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	2
24	The application of two weighted neural network for channel equalization problem. , 0, , .		1
25	A New Multiple Routing Algorithm for Ad Hoc Networks. , 2008, , .		1
26	A Bandwidth Scheduling Architecture for the MAC Protocol of IEEE802.16 BWA System. , 2008, , .		1
27	Energy Saving Routing Algorithm Based on Stable Zone in Mobile Ad Hoc Networks. , 2010, , .		1
28	A machine learning approach to urban traffic state detection. , 2014, , .		1
29	Spectrum Sharing in OFDM Two-Way Relaying Systems with Joint Optimal Subcarrier and Power Allocation. , 2017, , .		1
30	ECT Image Reconstruction Method Based on Multi-Exponential Feature Extraction. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	1
31	Adaptive equalizers based on two weighted neural networks. , 0, , .		0
32	Decision feedback equalizers based on two weighted neural network. , 0, , .		0
33	A new bit-allocating algorithm for adaptive OFDM transmission system. , 0, , .		0
34	A Group-Blind MMSE Multi-User Detector Based on Subspace Tracking for MC-CDMA Uplink. , 2008, , .		0
35	Primary and secondary QoS guranteed spectrum sharing protocol with optimal time allocation. , 2015, , .		0
36	Cooperative spectrum sharing with two-way DF relaying. , 2016, , .		0

#	Article	IF	Citations
37	Primary and secondary QoS-guaranteed cooperative spectrum sharing with optimal power allocation. , 2016, , .		0
38	Successive relaying for large MIMO amplify-and-forward relay networks. International Journal of Communication Systems, 2018, 31, e3545.	2.5	0
39	Anti-Wiretap Spectrum-Sharing for Cooperative Cognitive Radio Communication Systems. Sensors, 2019, 19, 4142.	3.8	0
40	Energy Trading Scheme Based on Contract Theory in Cooperative Relay Network. , 2019, , .		0
41	Rateless coded Orthogonal Frequency Division Multiplexing system design based on intercarrier interference selfâ€cancelation. International Journal of Communication Systems, 2020, 33, e4396.	2.5	0