

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81 papers	578 citations	12 h-index	20 g-index
114 ext. papers	731 ext. citations	3.8 avg, IF	4.12 L-index

#	Paper	IF	Citations
81	Distributed Wireless Sensor Network Localization Via Sequential Greedy Optimization Algorithm. <i>IEEE Transactions on Signal Processing</i> , <b>2010</b> , 58, 3328-3340	4.8	124
80	Optimal Price-Based Power Control Algorithm in Cognitive Radio Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 5909-5920	9.6	29
79	Performance Analysis of Fixed Gain MIMO Relay Systems in the Presence of Co-Channel Interference. <i>IEEE Communications Letters</i> , <b>2012</b> , 16, 1133-1136	3.8	25
78	A Novel Spectrum-Sensing Technique in Cognitive Radio Based on Stochastic Resonance. <i>IEEE Transactions on Vehicular Technology</i> , <b>2010</b> , 59, 1680-1688	6.8	25
77	Decode-and-forward relaying with full-duplex wireless information and power transfer. <i>IET Communications</i> , <b>2017</b> , 11, 2110-2115	1.3	18
76	A Non-Stationary 3-D Wideband GBSM for HAP-MIMO Communication Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 1128-1139	6.8	16
75	User Grouping and Beamforming for HAP Massive MIMO Systems Based on Statistical-Eigenmode. <i>IEEE Wireless Communications Letters</i> , <b>2019</b> , 8, 961-964	5.9	15
74	User-Centric Energy-Efficient Resource Management for Time Switching Wireless Powered Communications. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 165-168	3.8	15
73	A 3-D Wideband Model Based on Dynamic Evolution of Scatterers for HAP-MIMO Channel. <i>IEEE Communications Letters</i> , <b>2017</b> , 21, 684-687	3.8	14
72	Performance Analysis of Spectrum Sensing With Multiple Primary Users. <i>IEEE Transactions on Vehicular Technology</i> , <b>2012</b> , 61, 914-918	6.8	14
71	Per-Stream MSE Based Linear Transceiver Design for MIMO Interference Channels With CSI Error. <i>IEEE Transactions on Communications</i> , <b>2015</b> , 63, 1676-1689	6.9	13
70	An analytical model for SMAC protocol in multi-hop wireless sensor networks. <i>Science China Information Sciences</i> , <b>2010</b> , 53, 2323-2331	3.4	12
69	Slot-based model for IEEE 802.15.4 MAC with sleep mechanism. <i>IEEE Communications Letters</i> , <b>2010</b> , 14, 154-156	3.8	11
68	Robust Beamforming Design for MaxMin SINR in MIMO Interference Channels. <i>IEEE Communications Letters</i> , <b>2016</b> , 20, 724-727	3.8	10
67	Normalized Incremental Subgradient Algorithm and Its Application. <i>IEEE Transactions on Signal Processing</i> , <b>2009</b> , 57, 3759-3774	4.8	10
66	Advanced Joint Transceiver Design for Block-Diagonal Geometric-Mean-Decomposition-Based Multiuser MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2010</b> , 59, 692-703	6.8	10
65	Dynamic Spectrum Allocation for Energy Harvesting-Based Underlying D2D Communication <b>2016</b> ,		9

64	User Clustered Opportunistic Beamforming for Stratospheric Communications. <i>IEEE Communications Letters</i> , <b>2016</b> , 20, 1832-1835	3.8	9
63	A Novel Channel Model for 3-D HAP-MIMO Communication Systems <b>2016</b> ,		8
62	Joint Relay Selection and Power Allocation for Full-Duplex DF Co-Operative Networks With Outdated CSI. <i>IEEE Communications Letters</i> , <b>2016</b> , 20, 510-513	3.8	8
61	Successive SLNR Based Precoding for Downlink Multi-User MIMO Systems <b>2011</b> ,		8
60	Multi-BS Spatial Spectrum Fusion for 2-D DOA Estimation and Localization Using UCA in Massive MIMO System. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-13	5.2	8
59	Performance Analysis of Synchronous Wakeup Patterns in Contention-Based Sensor Networks Using a Finite Queuing Model <b>2007</b> ,		7
58	Power Allocation Optimization for Full-Duplex D2D Communications Underlying Cellular Networks <b>2016</b> ,		7
57	Improvement of Noise Uncertainty and Signal-To-Noise Ratio Wall in Spectrum Sensing Based on Optimal Stochastic Resonance. <i>Sensors</i> , <b>2019</b> , 19,	3.8	6
56	A novel multiuser HAP-MIMO channel model based on birth-death process <b>2016</b> ,		6
55	Achieving Maximum Weighted Sum-Rate in Multicell Downlink MISO Systems. <i>IEEE Communications Letters</i> , <b>2012</b> , 16, 1808-1811	3.8	6
54	Inter-cell interference coordination based on softer frequency reuse in OFDMA cellular systems <b>2008</b> ,		6
53	A 3-D GBSM Based on Isotropic and Non-Isotropic Scattering for HAP-MIMO Channel. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 1090-1093	3.8	5
52	An Analytical Model for IEEE 802.15.4 with Sleep Mode Based on Time-Varying Queue <b>2011</b> ,		5
51	A Cyclostationary-Based Spectrum Sensing Method Using Stochastic Resonance in Cognitive Radio <b>2010</b> ,		5
50	Optimal Uplink Pilot Time Interval Design for TDD MISO Beamforming Systems with Channel Estimation Error and Delay <b>2011</b> ,		5
49	QoS-aware energy-efficient radio resource allocation in heterogeneous wireless networks <b>2015</b> ,		4
48	Power optimization for D2D communication based on rate requirement in relay-assisted networks <b>2015</b> ,		4
47	A 3-D HAP-MIMO channel model based on dynamic properties of scatterers <b>2017</b> ,		4

46	Optimal Price-Based Power Control Algorithm with Quality of Service Constraints in Cognitive Radio Networks. <i>Chinese Journal of Electronics</i> , <b>2015</b> , 24, 393-397	0.9	4
45	A Turbo-BICM Based Scheme for Joint Network Coding and Channel Coding <b>2010</b> ,		4
44	A spectrum sensing method in cognitive radio based on the third order cyclic cumulant <b>2009</b> ,		4
43	Modeling and analysis of IEEE 802.15.4 CSMA/CA with sleep mode enabled <b>2008</b> ,		4
42	Joint energy-efficient resource allocation and interference alignment for HetNets. <i>IET Communications</i> , <b>2016</b> , 10, 1104-1110	1.3	4
41	Energy-Efficient Beamforming for Beam-space HAP-NOMA Systems. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 1678-1681	3.8	4
40	A Non-Stationary 3-D Wideband Channel Model for Low Altitude UAV-MIMO Communication Systems. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	4
39	Time Splitting Concurrent Transmission Framework and Resource Allocation in Wireless Powered Communication Networks. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2018</b> , 2, 666-678 <sup>4</sup>		3
38	An Improved Kernel Clustering Algorithm Used in Computer Network Intrusion Detection <b>2018</b> ,		3
37	A Novel Wireless Positioning Approach Based on Distributed Stochastic-Resonance-Enhanced Power Spectrum Fusion Technique <b>2019</b> ,		3
36	Distributed Precoding for Worst-Case MSE Optimization in Multi-Cell Downlink Systems. <i>IEEE Communications Letters</i> , <b>2014</b> , 18, 301-304	3.8	3
35	Sounding reference signal design for TDD LTE-Advanced system <b>2012</b> ,		3
34	A distributed power control algorithm in cognitive radio networks based on Nash bargaining solution <b>2012</b> ,		3
33	A Novel Spectrum Handoff Scheme with Spectrum Admission Control in Cognitive Radio Networks <b>2011</b> ,		3
32	Sensor Network Localization via Nondifferentiable Optimization <b>2008</b> ,		3
31	Robust beamforming with block diagonalisation for MIMO interference channels. <i>IET Communications</i> , <b>2016</b> , 10, 945-949	1.3	2
30	Cooperative spectrum sensing based on stochastic resonance in cognitive radio networks. <i>Science China Information Sciences</i> , <b>2014</b> , 57, 1-10	3.4	2
29	CSIT Error Analysis in TDD Systems with Estimation Delay, Noise and Pilot Interference. <i>IEEE Communications Letters</i> , <b>2014</b> , 18, 285-288	3.8	2

28	Resource sharing optimization for device-to-device wireless system with femtocells <b>2015</b> ,		2
27	The tradeoff between transmission cost and network lifetime of data gathering tree in Wireless Sensor Networks <b>2013</b> ,		2
26	A Novel Game Theoretic Utility Function for Power Control in Cognitive Radio Networks <b>2013</b> ,		2
25	Spectrum Sensing Approach Based on Optimal Stochastic Resonance Technique under Color Noise Background in Cognitive Radio Networks <b>2010</b> ,		2
24	A Channel Statistic Based Power Allocation in a Butterfly Wireless Network with Network Coding <b>2010</b> ,		2
23	A Censoring Cooperative Spectrum Sensing Scheme Based on Stochastic Resonance in Cognitive Radio <b>2011</b> ,		2
22	A novel secondary user assisted relay mechanism in cognitive radio networks with multiple primary users <b>2012</b> ,		2
21	Cross-Layer Optimization for Energy-Timeliness Tradeoff in TDMA Based Sensor Networks <b>2008</b> ,		2
20	Blind Detection of LSB Watermarking at Low Embedding Rate in Grayscale Images <b>2007</b> ,		2
19	A Non-Stationary 3-D Wideband Channel Model for Intelligent Reflecting Surface-Assisted HAP-MIMO Communication Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	2
18	Two-Stage Precoding Design in Rician Channel for HAP Massive MIMO Systems <b>2019</b> ,		2
17	User Equipment Beamforming Optimization for Multi-Cell Massive MIMO Systems. <i>IEEE Wireless Communications Letters</i> , <b>2017</b> , 6, 382-385	5.9	1
16	Distributed beamforming design of the Pareto boundary for MISO interference channels <b>2014</b> ,		1
15	A Frequency-Domain Sounding Scheme for LTE TDD Beamforming Systems <b>2012</b> ,		1
14	A cluster-based energy efficient MAC protocol for multi-hop cognitive radio sensor networks <b>2012</b> ,		1
13	An proportional fair resource allocation in OFDM-based cognitive radio networks under imperfect Channel-State information <b>2013</b> ,		1
12	Average entropy functions <b>2009</b> ,		1
11	Impact of imperfect channel state information on TDD downlink Multiuser MIMO system <b>2011</b> ,		1

10	Performance of multi-antenna systems with fixed gain AF relay in the presence of co-channel interference <b>2012</b> ,		1
9	Effective Per-Antenna SSLNR Precoding for MIMO Broadcast Channel. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2014</b> , E97.A, 665-668	0.4	1
8	Stochastic Geometry Based Cell Load Analysis in Heterogeneous Networks <b>2016</b> ,		1
7	Interference Mitigation with Dual Antenna Users in Massive MIMO Systems <b>2016</b> ,		1
6	A 3-D Multiuser HAP-MIMO Channel Model Based on Dynamic Evolution of LOS Components. <i>Chinese Journal of Electronics</i> , <b>2019</b> , 28, 645-650	0.9	1
5	Modular Precoding Based on Zero Forcing in Large Scale Antenna Systems with Imperfect Channel State Information. <i>Chinese Journal of Electronics</i> , <b>2017</b> , 26, 424-429	0.9	
4	Dynamic Decode-and-Forward Relaying with Partial CSIT and Optimal Time Allocation. <i>Chinese Journal of Electronics</i> , <b>2015</b> , 24, 193-198	0.9	
3	Near-Ideal M-ary LDGM Quantization with Recovery. <i>IEEE Transactions on Communications</i> , <b>2011</b> , 59, 1830-1839	6.9	
2	Guard Zone Protected Capacity in Multi-Cell MISO Networks under Fading and Shadowing. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2014</b> , E97.A, 899-903	0.4	
1	A Novel Wireless Localization Approach Using Twice Receiving Array Spectra Fusions and ASSR Networks. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 69, 2628-2642	6.9	