

Å-zgÅœr GÅœrbÅœz

List of Publications by Year in descending order

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59
papers

723
citations

840776

11
h-index

713466

21
g-index

60
all docs

60
docs citations

60
times ranked

728
citing authors

#	ARTICLE	IF	CITATIONS
1	Wireless Model-Based Predictive Networked Control System Over Cooperative Wireless Network. IEEE Transactions on Industrial Informatics, 2011, 7, 41-51.	11.3	124
2	A distributed MAC protocol for full duplex radio. , 2013, , .		80
3	Half-duplex or full-duplex relaying: A capacity analysis under self-interference. , 2013, , .		51
4	A Low-Complexity Full-Duplex Radio Implementation With a Single Antenna. IEEE Transactions on Vehicular Technology, 2018, 67, 2206-2218.	6.3	46
5	Terahertz communications at various atmospheric altitudes. Physical Communication, 2020, 41, 101113.	2.1	41
6	Monostatic Antenna In-Band Full Duplex Radio: Performance Limits and Characterization. IEEE Transactions on Vehicular Technology, 2019, 68, 4786-4799.	6.3	28
7	Half-Duplex or Full-Duplex Communications: Degrees of Freedom Analysis Under Self-Interference. IEEE Transactions on Wireless Communications, 2018, 17, 1081-1093.	9.2	26
8	Throughput Analysis of ALOHA with Cooperative Diversity. IEEE Communications Letters, 2008, 12, 468-470.	4.1	19
9	Design and performance analysis of a full-duplex MAC protocol for wireless local area networks. Ad Hoc Networks, 2017, 67, 53-67.	5.5	19
10	Linear digital cancellation with reduced computational complexity for full-duplex radios. , 2017, , .		18
11	IPTVhome networking via 802.11 wireless mesh networks: an implementation experience. IEEE Transactions on Consumer Electronics, 2009, 55, 1192-1199.	3.6	16
12	Variable-Bandwidth Model and Capacity Analysis for Aerial Communications in the Terahertz Band. IEEE Journal on Selected Areas in Communications, 2021, 39, 1768-1784.	14.0	15
13	Angular MAC: a framework for directional antennas in wireless mesh networks. Wireless Networks, 2008, 14, 259-275.	3.0	13
14	Integrated Linear and Nonlinear Digital Cancellation for Full Duplex Communication. IEEE Wireless Communications, 2021, 28, 20-27.	9.0	12
15	Cooperative MAC Protocol with Distributed Relay Actuation. , 2009, , .		11
16	A practical cross layer cooperative MAC framework for WSNs. Computer Networks, 2016, 98, 57-71.	5.1	11
17	Full-duplex bidirectional communication under self-interference. , 2015, , .		10
18	QoS based aggregation in high speed IEEE802.11 wireless networks. , 2016, , .		10

#	ARTICLE	IF	CITATIONS
19	Power Control Based QoS Provisioning for Multimedia in W-CDMA. <i>Wireless Networks</i> , 2002, 8, 37-47.	3.0	9
20	Rate-distortion based real-time wireless video streaming. <i>Signal Processing: Image Communication</i> , 2007, 22, 529-542.	3.2	9
21	Estimating the channel capacity of multi-hop IEEE 802.11 wireless networks. <i>Ad Hoc Networks</i> , 2012, 10, 1058-1075.	5.5	9
22	Cooperation with multiple relays in wireless sensor networks: optimal cooperator selection and power assignment. <i>Wireless Networks</i> , 2014, 20, 209-225.	3.0	9
23	Work-in-Progress: Networked Control of Autonomous Underwater Vehicles with Acoustic and Radio Frequency Hybrid Communication. , 2017, , .		9
24	Opportunistic Scheduling with Frame Aggregation for Next Generation Wireless LANs. , 2006, , .		8
25	S-CW FD: A MAC protocol for full-duplex in wireless local area networks. , 2016, , .		8
26	High isolation slot coupled antenna with integrated tunable selfâ€interference cancellation circuitry. <i>Electronics Letters</i> , 2018, 54, 1311-1312.	1.0	8
27	2.4ÂGHz dual polarised monostatic antenna with simple twoâ€tap RF selfâ€interference cancellation (RFâ€SIC) circuitry. <i>Electronics Letters</i> , 2019, 55, 299-300.	1.0	8
28	Nonlinear digital self-interference cancellation for full duplex communication. <i>Physical Communication</i> , 2019, 35, 100698.	2.1	7
29	Delay sensitive resource allocation over high speed IEEE802.11 wireless LANs. <i>Wireless Networks</i> , 2020, 26, 1949-1968.	3.0	7
30	A cross-layer multi-hop cooperative network architecture for wireless ad hoc networks. <i>Computer Networks</i> , 2013, 57, 4010-4029.	5.1	6
31	Wireless Model Based Predictive Networked Control System over IEEE 802.15.4. , 2013, , .		6
32	Power allocation and routing for full-duplex multi hop wireless networks under full interference. <i>Ad Hoc Networks</i> , 2019, 82, 91-99.	5.5	6
33	Prioritized Video Streaming in Wireless Mesh Networks. , 2007, , .		5
34	Joint Power and Beamwidth Optimization for Full Duplex Millimeter Wave Indoor Wireless Systems. , 2019, , .		5
35	Proportional Time Sharing with Frame Size Adaptation for MB-OFDM based UWB WPANs. , 2006, , .		4
36	Video Streaming to Multiple Clients Over wireless Local Area Networks. , 2006, , .		4

#	ARTICLE	IF	CITATIONS
37	Access Scheduling Based on Time Water-Filling for Next Generation Wireless LANs. IEEE Vehicular Technology Conference, 2007, , .	0.4	4
38	Energy distribution control in wireless sensor networks through range optimization. , 2008, , .		4
39	RECOMAC: A Cross-Layer Cooperative Network Protocol for Wireless Ad Hoc Networks. , 2012, , .		4
40	Resource allocation for statistical QoS guarantees in MIMO cellular networks. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	4
41	Control of Cognitive Networks With Friendly Jamming as a Service. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 299-313.	7.9	4
42	Coâ€ polarized monostatic antenna with high Txâ€Rx isolation for 2.4â€GHz single channel full duplex applications. Microwave and Optical Technology Letters, 2019, 61, 1065-1069.	1.4	4
43	Scheduling for next generation WLANs: filling the gap between offered and observed data rates. Wireless Communications and Mobile Computing, 2011, 11, 654-666.	1.2	3
44	A Residual Scheme for Digital Self-Interference Cancellation in Full Duplex Communication. , 2020, , .		3
45	Wireless Model Based Predictive Networked Control System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 40-47.	0.4	2
46	A Cooperative Routing Framework Based on Randomized Coding in Wireless Ad Hoc Networks. , 2011, , .		2
47	Cyclic Prefix Noise Reduction for Digital Self Interference Cancellation in OFDM-Based In-Band Full-Duplex Wireless Systems. IEEE Transactions on Wireless Communications, 2021, 20, 6224-6238.	9.2	2
48	Characterization of Terahertz Band Transmittance from Sea-Level to Drone Altitudes. , 2021, , .		2
49	A New Online Nonlinear Self-Interference Cancellation Method With Random Fourier Features. IEEE Wireless Communications Letters, 2022, 11, 1379-1383.	5.0	2
50	Accurate Non-Intrusive Residual Bandwidth Estimation in WMNs. , 2008, , .		1
51	Cross-layer enhanced time scheduling for multi-band OFDM UWB networks. Wireless Networks, 2010, 16, 863-873.	3.0	1
52	Tomlinson-Harashima Precoded MIMO in wireless networks: to THP or not to THP?. Telecommunication Systems, 2013, 53, 439-451.	2.5	1
53	Dynamic control for cooperative jamming with a non-altruistic node. , 2013, , .		1
54	Machine learning based smart steering for wireless mesh networks. Ad Hoc Networks, 2019, 88, 98-111.	5.5	1

#	ARTICLE	IF	CITATIONS
55	Dynamic resource scheduling(DRS): a multimedia QoS framework for W-CDMA. Wireless Communications and Mobile Computing, 2004, 4, 529-546.	1.2	0
56	MDP based handover decision algorithm for femtocells. , 2012, , .		0
57	Energy-efficient packet forwarding through network partitioning in wireless sensor networks. , 2012, , .		0
58	Full Duplex-ing over Two Hops under Full Interference. , 2018, , .		0
59	Dispersion with connectivity in wireless mesh networks. Journal of Industrial and Management Optimization, 2018, 14, 759-784.	1.3	0