

Jinkyu

List of Publications by Year in Descending Order

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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.

85
papers

1,034
citations

13
h-index

30
g-index

108
ext. papers

1,339
ext. citations

3.7
avg, IF

5.28
L-index

#	Paper	IF	Citations
85	Converged Distribution of 5G Media: Opportunities of Overlaid Broadcast and Emerging Applications Over Dual Connectivity. <i>IEEE Transactions on Broadcasting</i> , 2021 , 1-16	4.7	1
84	Wireless Positioning System Architecture for Terrestrial Broadcast-Broadband-Convergent Networks 2021 ,		1
83	On the benefit of inter-operator cooperation in C-RAN. <i>IET Communications</i> , 2021 , 15, 191-199	1.3	0
82	Adversarial, yet Friendly Signal Design for Secured Wireless Communication 2021 ,		1
81	Pilot and Data Power Allocation in Poisson Interference Field With Protected Zone for Physical-Layer Security. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 271-275	5.9	1
80	Cooperation Between LDM-Based Terrestrial Broadcast and Broadband Unicast: On Scalable Video Streaming Applications. <i>IEEE Transactions on Broadcasting</i> , 2021 , 67, 2-22	4.7	7
79	Learning to Demodulate From Few Pilots via Offline and Online Meta-Learning. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 226-239	4.8	19
78	Tight Upper Bound on the Bit Error Rate of Convolutional Codes over Correlated Nakagami-m Fading Channels. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2021 , E104.A, 1080-1083	0.4	
77	CoSMoS: Cooperative Sky-Ground Mobile Edge Computing System. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 8373-8377	6.8	1
76	Improved Closed-Form Bounds on Interference Distribution and Applications for Tractable Analysis in Cellular Networks. <i>IEEE Transactions on Communications</i> , 2021 , 69, 6281-6295	6.9	
75	G-MGF based performance analysis of coherent FSO systems with multiple receivers. <i>Electronics Letters</i> , 2021 , 57, 273-275	1.1	0
74	Meta-Learning to Communicate: Fast End-to-End Training for Fading Channels 2020 ,		13
73	From Learning to Meta-Learning: Reduced Training Overhead and Complexity for Communication Systems 2020 ,		19
72	Fronthaul Compression and Precoding Optimization for NOMA-Based Joint Transmission of Broadcast and Unicast Services in C-RAN. <i>IEEE Transactions on Broadcasting</i> , 2020 , 66, 786-799	4.7	7
71	Energy-Efficient 3-D Placement of an Unmanned Aerial Vehicle Base Station With Antenna Tilting. <i>IEEE Communications Letters</i> , 2020 , 24, 1323-1327	3.8	5
70	On the Calculation of the G-MGF for Two-Ray Fading Model with Its Applications in Communications. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2020 , E103.A, 1308-1311	0.4	
69	Detection Schemes for ATSC 3.0 Transmitter Identification in Single Frequency Network. <i>IEEE Transactions on Broadcasting</i> , 2020 , 66, 229-240	4.7	11

68	Generalized MGF of Inverse Gaussian Distribution With Applications to Wireless Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 2332-2336	6.8	2
67	Outage-Optimal and Suboptimal Power Control for D2D Communications in SWIPT Cellular Networks With Local CSI. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 1795-1798	5.9	3
66	End-to-End Fast Training of Communication Links Without a Channel Model via Online Meta-Learning 2020 ,		7
65	Learning How to Demodulate from Few Pilots via Meta-Learning 2019 ,		10
64	Secrecy-Aware Altitude Optimization for Quasi-Static UAV Base Station Without Eavesdropper Location Information. <i>IEEE Communications Letters</i> , 2019 , 23, 851-854	3.8	25
63	Black blood myocardial T mapping. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 153-166	4.4	15
62	Adaptive Power Control for D2D Communications in Downlink SWIPT Networks With Partial CSI. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 1333-1336	5.9	9
61	Wireless Map-Reduce Distributed Computing with Full-Duplex Radios and Imperfect CSI 2019 ,		4
60	A Study on Probabilistic Line-of-Sight Air-to-Ground Channel Models 2019 ,		2
59	Cooperative UAV Jammer for Enhancing Physical Layer Security: Robust Design for Jamming Power and Trajectory 2019 ,		5
58	Coded Federated Computing in Wireless Networks with Straggling Devices and Imperfect CSI 2019 ,		13
57	Wireless Federated Distillation for Distributed Edge Learning with Heterogeneous Data 2019 ,		45
56	Joint Transmit Power and Time-Switching Control for Device-to-Device Communications in SWIPT Cellular Networks. <i>IEEE Communications Letters</i> , 2019 , 23, 322-325	3.8	10
55	Integrated motion correction and dictionary learning for free-breathing myocardial T mapping. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 2644-2654	4.4	6
54	Cooperation Strategies for Partly Wireless C-RAN. <i>IEEE Communications Letters</i> , 2018 , 22, 1248-1251	3.8	2
53	. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 3686-3696	9.6	7
52	Mobile Edge Computing via a UAV-Mounted Cloudlet: Optimization of Bit Allocation and Path Planning. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 2049-2063	6.8	409
51	On the Feasibility of Full-Duplex Large-Scale MIMO Cellular Systems. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 6231-6250	9.6	21

50	Dual Polarized UCA-Based OAM Multi-Mode Transmission with Inter-Mode Spreading 2018 ,		3
49	A Novel Ergodic Capacity Formula for Two-Wave with Diffuse Power Fading Channels. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2018 , E101.A, 978-984		0.4
48	Optimization of Massive Full-Dimensional MIMO for Positioning and Communication. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 6205-6217	9.6	10
47	Comprehensive Analysis of the Impact of TWDP Fading on the Achievable Error Rate Performance of BPSK Signaling. <i>IEICE Transactions on Communications</i> , 2018 , E101.B, 500-507	0.5	0
46	Accurate Error Probability Analysis of MCIK-OFDM with a Low-Complexity Detection over TWDP Fading Channels. <i>IEICE Transactions on Communications</i> , 2018 , E101.B, 1347-1351	0.5	
45	Layered Downlink Precoding for C-RAN Systems With Full Dimensional MIMO. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 2170-2182	6.8	12
44	Joint Design of Precoder and Backhaul Quantizer in Cooperative Cognitive Radio Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 1871-1875	6.8	3
43	On the Trade-Off Between Computational Load and Reliability for Network Function Virtualization. <i>IEEE Communications Letters</i> , 2017 , 21, 1767-1770	3.8	22
42	Comments on Near-Body Shadowing Analysis at 60 GHz. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 3314-3314	4.9	2
41	Control-Data Separation across Edge and Cloud for Uplink Communications in C-RAN 2017 ,		3
40	Mobile cloud computing with a UAV-mounted cloudlet: optimal bit allocation for communication and computation. <i>IET Communications</i> , 2017 , 11, 969-974	1.3	49
39	Fundamental Limits of TOA/DOA and Inertial Measurement Unit-Based Wireless Capsule Endoscopy Hybrid Localization. <i>International Journal of Wireless Information Networks</i> , 2017 , 24, 169-179	1.9	10
38	Achievable Error Rate Performance Analysis of Space Shift Keying Systems with Imperfect CSI. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2017 , E100.A, 1084-1087		0.4
37	Optimal Fronthaul Quantization for Cloud Radio Positioning. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 2763-2768	6.8	8
36	Fronthaul Compression and Precoding Design for C-RANs Over Ergodic Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 5022-5032	6.8	34
35	Cloud Radio Access Networks: Uplink Channel Estimation and Downlink Precoding 2016 , 429-455		2
34	Multivariate Fronthaul Quantization for Downlink C-RAN. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 5025-5037	4.8	11
33	Multivariate fronthaul quantization for C-RAN downlink: Channel-adaptive joint quantization in the cloud 2016 ,		4

32	Multistatic cloud radar systems: joint sensing and communication design. <i>Transactions on Emerging Telecommunications Technologies</i> , 2016 , 27, 716-730	1.9	3
31	Error performance analysis of STBC-Alamouti and STBC-CIOD with phase estimation error over Nakagami-m fading channels. <i>Electronics Letters</i> , 2016 , 52, 452-454	1.1	0
30	Enhancing physical-layer security in MISO wiretap channel with pilot-assisted channel estimation: Beamforming design for pilot jamming 2016 ,		3
29	Positioning via direct localisation in C-RAN systems. <i>IET Communications</i> , 2016 , 10, 2238-2244	1.3	6
28	Secure beamforming and self-energy recycling with full-duplex wireless-powered relay 2016 ,		2
27	Cooperative spectrum sensing in non-time-slotted full duplex cognitive radio networks 2016 ,		4
26	Joint Resource Allocation for Throughput Enhancement in Cognitive Radio Femtocell Networks. <i>IEEE Wireless Communications Letters</i> , 2015 , 4, 181-184	5.9	6
25	HARQ Buffer Management: An Information-Theoretic View. <i>IEEE Transactions on Communications</i> , 2015 , 63, 4539-4550	6.9	13
24	Design of user clustering and precoding for downlink non-orthogonal multiple access (NOMA) 2015 ,		1
23	Joint Signal and Channel State Information Compression for the Backhaul of Uplink Network MIMO Systems. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 1555-1567	9.6	35
22	Effect of Generalized-K Fading on the Performance of Symmetric Coordinate Interleaved Orthogonal Designs. <i>IEEE Communications Letters</i> , 2014 , 18, 588-591	3.8	6
21	Efficient S-SCH Detection Algorithm for LTE Downlink Channel. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 2969-2973	6.8	14
20	Deployment Challenges for Large-Scale MIMO Communications. <i>International Journal of Antennas and Propagation</i> , 2014 , 2014, 1-3	1.2	
19	Identification of Non-Ideal Receiver Condition for Orbital Angular Momentum Transmission 2014 ,		7
18	Joint TOA/AOA-based localization in wireless sensor networks 2014 ,		7
17	On the Error Rate Performance and Asymptotic Diversity Order of Multi-Hop Two-Antenna Decode-and-Forward Relay Systems with STBC-CIOD over Rayleigh Fading Channels. <i>IEEE Communications Letters</i> , 2013 , 17, 1077-1080	3.8	3
16	Performance Analysis of a Dual-Hop Relay With STBC-CIOD over Rayleigh Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 439-444	6.8	5
15	Minimizing transmit power for cooperative multicell system with massive MIMO 2013 ,		4

14	Orthogonal Pulse Design in Consideration of FCC and IEEE 802.15.4a Constraints. <i>IEEE Communications Letters</i> , 2013 , 17, 896-899	3.8	9
13	Non-Cooperative Feedback Control Game for Secondary Transmitter in Cognitive Radio Network. <i>IEEE Signal Processing Letters</i> , 2013 , 20, 571-574	3.2	2
12	Correction to "On the Error Rate Performance and Asymptotic Diversity Order of Multi-Hop Two-Antenna Decode-and-Forward Relay Systems with STBC-CIOD over Rayleigh Fading Channels" [Jun 13 1077-1080]. <i>IEEE Communications Letters</i> , 2013 , 17, 1487-1487	3.8	
11	Joint signal and channel state information compression for uplink network MIMO systems 2013 ,		2
10	Secure Transmission in Downlink Cellular Network with a Cooperative Jammer. <i>IEEE Wireless Communications Letters</i> , 2013 , 2, 463-466	5.9	6
9	Beamforming design for joint localization and data transmission in distributed antenna systems 2013 ,		3
8	Cognitive beamforming based smart metering for coexistence with wireless local area networks. <i>Journal of Communications and Networks</i> , 2012 , 14, 619-628	4.1	11
7	A Reduced Complexity Linear QC-LDPC Encoding with Parity Vector Correction Technique. <i>IEICE Transactions on Communications</i> , 2012 , E95.B, 1402-1405	0.5	
6	Asymptotic Performance Analysis of STBCs from Coordinate Interleaved Orthogonal Designs in Shadowed Rayleigh Fading Channels. <i>IEICE Transactions on Communications</i> , 2012 , E95.B, 2501-2504	0.5	1
5	Performance Evaluation of Space-Time Block Codes from Coordinate Interleaved Orthogonal Designs in Shadowed Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 1289-1295	6.8	9
4	Joint Frame/Frequency Synchronization and Channel Estimation for Single-Carrier FDE 60 GHz WPAN System 2010 ,		4
3	Combined ML and DFE Decoding for Coded Double STBC-OFDM System. <i>IEEE Communications Letters</i> , 2010 , 14, 1164-1166	3.8	10
2	A per-stream coded bit loading algorithm for MIMO BIC-OFDM systems 2010 ,		2
1	Adaptive Cooperative Spectrum-Sensing Scheme for Cognitive Radio System 2010 ,		1