Han-Shin Jo

List of Publications by Year
in descending order

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53	1,955	471509 17	302126 39
papers	citations	h-index	g-index

53	53	53	1571
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Delay Optimization in Mobile Edge Computing: Cognitive UAV-Assisted eMBB and mMTC Services. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1019-1033.	7.9	18
2	Deep Q-Learning-Based Transmission Power Control of a High Altitude Platform Station with Spectrum Sharing. Sensors, 2022, 22, 1630.	3.8	9
3	SLES: Scheduling-Based Low Energy Synchronization for Industrial Internet of Things. IEEE Sensors Journal, 2022, 22, 16652-16661.	4.7	6
4	An optimization based approach to enhance the throughput and energy efficiency for cognitive unmanned aerial vehicle networks. Wireless Networks, 2021, 27, 475-493.	3.0	11
5	Dynamic Small-Cell Clustering Using Affinity Propagation Algorithm in Asynchronous 5G NR OFDM Systems. IEEE Communications Letters, 2021, 25, 3629-3633.	4.1	1
6	RRH Clustering Using Affinity Propagation Algorithm with Adaptive Thresholding and Greedy Merging in Cloud Radio Access Network. Sensors, 2021, 21, 480.	3.8	3
7	Deep Reinforcement Learning-Based Distributed Congestion Control in Cellular V2X Networks. IEEE Wireless Communications Letters, 2021, 10, 2582-2586.	5.0	19
8	Secrecy Outage Analysis in NOMA Power Line Communications. IEEE Communications Letters, 2021, 25, 1448-1452.	4.1	17
9	Cognitive UAV-Aided URLLC and mMTC Services: Analyzing Energy Efficiency and Latency. IEEE Access, 2021, 9, 5011-5027.	4.2	28
10	Low-Resolution ADC Quantized Full-Duplex Massive MIMO-Enabled Wireless Backhaul in Heterogeneous Networks Over Rician Channels. IEEE Transactions on Wireless Communications, 2020, 19, 5503-5517.	9.2	14
11	Coexistence of 5G With Satellite Services in the Millimeter-Wave Band. IEEE Access, 2020, 8, 163618-163636.	4.2	22
12	Adjacent Channel Compatibility Evaluation and Interference Mitigation Technique Between Earth Station in Motion and IMT-2020. IEEE Access, 2020, 8, 213185-213205.	4.2	7
13	Path Loss Prediction Based on Machine Learning Techniques: Principal Component Analysis, Artificial Neural Network, and Gaussian Process. Sensors, 2020, 20, 1927.	3.8	73
14	Dynamic RRH Clustering using Affinity Propagation Algorithm in Ultra-Dense C-RAN. , 2020, , .		1
15	Preamble-Based Adaptive Channel Estimation for IEEE 802.11p. Sensors, 2019, 19, 2971.	3.8	11
16	Performance Analysis of Two-Way Relaying in Cooperative Power Line Communications. IEEE Access, 2019, 7, 97264-97280.	4.2	30
17	Spectrum-Sharing Method for Co-Existence Between 5G OFDM-Based System and Fixed Service. IEEE Access, 2019, 7, 77460-77475.	4.2	18
18	Modeling and Analysis on Radio Interference of OFDM Waveforms for Coexistence Study. IEEE Access, 2019, 7, 35132-35147.	4.2	13

#	Article	IF	Citations
19	Adjacent Channel Compatibility between OFDM-Based Earth Station in Motion and 5G. , 2019, , .		2
20	Modeling Method for Interference Analysis between IMT-2020 and Satellite in the mmWave Band. , 2019, , .		8
21	Decode-and-Forward Two-Way Relaying in Power Line Communications. , 2019, , .		1
22	Radio Remote Head Clustering with Affinity Propagation Algorithm in C-RAN. , 2019, , .		3
23	A Low-Complexity I/Q Imbalance Calibration Method for Quadrature Modulator. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2019, 27, 974-977.	3.1	5
24	Interference Analysis for Compatibility Evaluation between Aeronautical Earth Station in Motion and 5G Mobile Communications. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2019, 30, 733-741.	0.3	2
25	Coexistence between 5G Mobile Communication and Fixed-Satellite Service in the Millimeter Wave Band. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2019, 30, 742-753.	0.3	2
26	Spectral Coexistence of IMT-2020 with Fixed-Satellite Service in the 27-27.5 GHz Band. , 2018, , .		7
27	Adjacent Channel Interference from Maritime Earth Station in Motion to 5G Mobile Service. , 2018, , .		4
28	Methods to Evaluate and Mitigate the Interference from Maritime ESIM to Other Services in 27.5-29.5 GHz Band. , 2018, , .		3
29	Frequency and circularâ€polarization switchable microstrip antenna for dynamic spectrum allocation. Microwave and Optical Technology Letters, 2018, 60, 2753-2759.	1.4	0
30	Opportunistic Polarization-Matching for Multiuser Polarized MISO Downlink. IEEE Communications Letters, 2017, 21, 909-912.	4.1	2
31	The Feasibility of Coexistence Between 5G and Existing Services in the IMT-2020 Candidate Bands in Malaysia. IEEE Access, 2017, 5, 14867-14888.	4.2	37
32	Spatio-Temporal Opportunistic Spectrum Sharing between Rotating Radar and Cellular Networks. , 2017, , .		0
33	Optimal Planar Array Architecture for Full-Dimensional Multi-user Multiple-Input Multiple-Output with Elevation Modeling. ETRI Journal, 2017, 39, 234-244.	2.0	1
34	Coexistence of Power-Controlled Cellular Networks With Rotating Radar. IEEE Journal on Selected Areas in Communications, 2016, 34, 2605-2616.	14.0	39
35	Compatibility between LTE and airport surveillance radar in 2700â€“2900 MHz radar bands. , 2015, , .		4
36	Noise-Jamming Effect as a Countermeasure Against TEMPEST During High-Speed Signaling. IEEE Transactions on Electromagnetic Compatibility, 2015, 57, 1491-1500.	2.2	11

#	Article	IF	Citations
37	Capacity Loss Due to Polarization-Mismatch and Space-Correlation on MISO Channel. IEEE Transactions on Wireless Communications, 2014, 13, 2124-2136.	9.2	18
38	Generalized Gradient Scheduling for Vector Network Utility Maximization. IEEE Communications Letters, 2013, 17, 111-114.	4.1	1
39	Heterogeneous Cellular Networks with Flexible Cell Association: A Comprehensive Downlink SINR Analysis. IEEE Transactions on Wireless Communications, 2012, 11, 3484-3495.	9.2	898
40	Fundamentals of Inter-Cell Overhead Signaling in Heterogeneous Cellular Networks. IEEE Journal on Selected Topics in Signal Processing, 2012, 6, 257-269.	10.8	22
41	Outage Probability for Heterogeneous Cellular Networks with Biased Cell Association. , 2011, , .		27
42	Downlink Femtocell Networks: Open or Closed?. , 2011, , .		46
43	Codebook-Based Precoding for SDMA-OFDMA with Spectrum Sharing. ETRI Journal, 2011, 33, 831-840.	2.0	11
44	Coexistence of OFDM-Based IMT-Advanced and FM Broadcasting Systems. ETRI Journal, 2011, 33, 279-282.	2.0	8
45	Path Loss Characteristics for IMT-Advanced Systems in Residential and Street Environments. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 867-871.	4.0	25
46	Reverse-Link Interrogation Range of a UHF MIMO-RFID System in Nakagami- m Fading Channels. IEEE Transactions on Industrial Electronics, 2010, 57, 1468-1477.	7.9	50
47	Self-Optimized Coverage Coordination in Femtocell Networks. IEEE Transactions on Wireless Communications, 2010, 9, 2977-2982.	9.2	90
48	Interference mitigation using uplink power control for two-tier femtocell networks. IEEE Transactions on Wireless Communications, 2009, 8, 4906-4910.	9.2	264
49	Interference mitigation technique for the sharing between IMT-advanced and fixed satellite service. Journal of Communications and Networks, 2007, 9, 159-166.	2.6	11
50	An Advanced MCL Method for Assessing Interference Potential of OFDM-Based Systems beyond 3G with Dynamic Power Allocation. , 2006, , .		9
51	Spectrum requirements for the future development of IMT-2000 and systems beyond IMT-2000. Journal of Communications and Networks, 2006, 8, 169-174.	2.6	13
52	The coexistence of OFDM-based systems beyond 3G with fixed service microwave systems. Journal of Communications and Networks, 2006, 8, 187-193.	2.6	20
53	Path-loss characteristics in subway tunnels at 2.65 GHz. Microwave and Optical Technology Letters, 2006, 48, 383-386.	1.4	10