Ji-Hoon Yun

List of Publications by Year
in descending order

37	443	840776	752698
papers	citations	11	20
		h-index	g-index

37	37	37	467
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adaptive Interference Management of OFDMA Femtocells for Co-Channel Deployment. IEEE Journal on Selected Areas in Communications, 2011, 29, 1225-1241.	14.0	118
2	Intra and Inter-Cell Resource Management in Full-Duplex Heterogeneous Cellular Networks. IEEE Transactions on Mobile Computing, 2016, 15, 392-405.	5.8	45
3	Interplay Between TVWS and DSRC: Optimal Strategy for Safety Message Dissemination in VANET. IEEE Journal on Selected Areas in Communications, 2014, 32, 2117-2133.	14.0	38
4	Predictive Tile Selection for 360-Degree VR Video Streaming in Bandwidth-Limited Networks. IEEE Communications Letters, 2018, 22, 1858-1861.	4.1	29
5	Novel collision detection scheme and its applications for IEEE 802.11 wireless LANs. Computer Communications, 2007, 30, 1350-1366.	5.1	27
6	Collision chain mitigation and hidden device-aware grouping in large-scale IEEE 802.11ah networks. Computer Networks, 2016, 108, 296-306.	5.1	26
7	Adaptive Self-Deferral for Carrier Aggregation of LTE-LAA With RF Power Leakage in Unlicensed Spectrum. IEEE Access, 2019, 7, 89292-89305.	4.2	14
8	Efficient Frame Construction for Multi-User Transmission in IEEE 802.11 WLANs. IEEE Transactions on Vehicular Technology, 2019, 68, 5859-5870.	6.3	14
9	Throughput analysis of IEEE 802.11 WLANs with Automatic Rate Fallback in a lossy channel. IEEE Transactions on Wireless Communications, 2009, 8, 689-693.	9.2	13
10	Pattern-Based Decoding for Wi-Fi Backscatter Communication of Passive Sensors. Sensors, 2019, 19, 1157.	3.8	12
11	Motion-Aware Interplay between WiGig and WiFi for Wireless Virtual Reality. Sensors, 2020, 20, 6782.	3.8	11
12	Selective Timewarp Based on Embedded Motion Vectors for Interactive Cloud Virtual Reality. IEEE Access, 2019, 7, 3031-3045.	4.2	9
13	Wider-Bandwidth Operation of IEEE 802.11 for Extremely High Throughput: Challenges and Solutions for Flexible Puncturing. IEEE Access, 2020, 8, 213840-213853.	4.2	8
14	Multi-Carrier Listen Before Talk With Power Leakage Awareness for LTE-LAA in Unlicensed Spectrum. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 678-689.	7.9	7
15	Performance analysis of IEEE 802.11 WLANs with rate adaptation in time-varying fading channels. Computer Networks, 2013, 57, 1153-1166.	5.1	6
16	Reliable Safety Message Dissemination in NLOS Intersections Using TV White Spectrum. IEEE Transactions on Mobile Computing, 2018, 17, 169-182.	5.8	6
17	Latency and energy aware rate maximization in MC-NOMA-based multi-access edge computing: A two-stage deep reinforcement learning approach. Computer Networks, 2022, 207, 108834.	5.1	6
18	Distributed Coordination of Co-Channel Femtocells via Inter-Cell Signaling With Arbitrary Delay. IEEE Journal on Selected Areas in Communications, 2015, 33, 1127-1139.	14.0	5

#	Article	IF	Citations
19	E-MICE: Energy-Efficient Concurrent Exploitation of Multiple Wi-Fi Radios. IEEE Transactions on Mobile Computing, 2017, 16, 1870-1880.	5.8	5
20	Adaptive Transmission Repetition and Combining in Bistatic WiFi Backscatter Communications. IEEE Access, 2020, 8, 55023-55031.	4.2	5
21	Multi-Link Operation with Enhanced Synchronous Channel Access in IEEE 802.11be Wireless LANs: Coexistence Issue and Solutions. Sensors, 2021, 21, 7974.	3.8	5
22	Multilink Operation in IEEE 802.11be Wireless LANs: Backoff Overflow Problem and Solutions. Sensors, 2022, 22, 3501.	3.8	5
23	Enhancement of Motion Feedback Latency for Wireless Virtual Reality in IEEE 802.11 WLANs. , 2019, , .		4
24	Comparison of handover schemes for 3GPP Long Term Evolution and 3GPP2 Ultra Mobile Broadband. , 2008, , .		3
25	ARCHoN: Adaptive range control of hotzone cells in heterogeneous cellular networks. , 2012, , .		3
26	On the Joint Distribution of Aggregate Interference at Multiple Wireless Receivers. IEEE Transactions on Vehicular Technology, 2013, 62, 1355-1362.	6.3	3
27	Power Leakage-Aware Multi-Carrier LBT for LTE-LAA in Unlicensed Spectrum. , 2018, , .		3
28	Full-Duplex Wireless LAN Incorporating Successive Interference Cancellation. IEEE Transactions on Vehicular Technology, 2021, 70, 10293-10307.	6.3	3
29	Power Resource Optimization for Backscatter-Aided Symbiotic Full-Duplex Secondary Transmission with Hardware Impairments in a Cognitive Radio Framework. Sensors, 2022, 22, 375.	3.8	3
30	Multi-leveling for higher capacity of Wi-Fi backscatter communications. , 2017, , .		2
31	To Predict or to Relay: Tracking Neighbors via Beaconing in Heterogeneous Vehicle Conditions. IEEE Transactions on Mobile Computing, 2022, 21, 1142-1154.	5.8	2
32	Single-Adversary Relaying Attack Defense Mechanism in Wireless Ad Hoc Networks. Wireless Personal Communications, 2013, 72, 2519-2532.	2.7	1
33	Handover-Driven Interference Management for Co-Channel Deployment of Femto- and Macro-Cells. Applied Sciences (Switzerland), 2019, 9, 3463.	2.5	1
34	Multi-Filter Decoding in WiFi Backscatter Communication. Sensors, 2021, 21, 1481.	3.8	1
35	Classification of Transmission Events Based on Receive Power Pattern with Self-Tuning Thresholds in Wireless Receivers. Wireless Personal Communications, 2016, 90, 1487-1495.	2.7	0
36	Ultra-Low Power Communication for Infrastructure Monitoring During a Disaster. , 2018, , .		0

#	Article	IF	Citations
37	Spectro-Temporal Combining in Bistate WiFi Backscatter Communication With Frequency Shift. IEEE Access, 2021, 9, 113735-113747.	4.2	0