Seungmo Kim

List of Publications by Year
in descending order

38 papers	**284** citations	1307594 **7** h-index	1372567 **10** g-index
38 all docs	**38** docs citations	**38** times ranked	**317** citing authors

#	Article	IF	Citations
1	Coexistence of 5G With the Incumbents in the 28 and 70 GHz Bands. IEEE Journal on Selected Areas in Communications, 2017, 35, 1254-1268.	14.0	67
2	Impacts of Mobility on Performance of Blockchain in VANET. IEEE Access, 2019, 7, 68646-68655.	4.2	62
3	Downlink Performance Analysis of Cognitive Radio based Cellular Relay Networks. , 2008, , .		17
4	Human Electromagnetic Field Exposure in 5G at 28 GHz. IEEE Consumer Electronics Magazine, 2020, 9, 41-48.	2.3	15
5	Adverse Impacts of 5G Downlinks on Human Body. , 2019, , .		14
6	BlueFMCW: random frequency hopping radar for mitigation of interference and spoofing. Eurasip Journal on Advances in Signal Processing, 2022, 2022, .	1.7	11
7	Learning-Based Beamforming for Multi-User Vehicular Communications: A Combinatorial Multi-Armed Bandit Approach. IEEE Access, 2020, 8, 219891-219902.	4.2	10
8	Mitigation of human EMF exposure in downlink of 5G. Annales Des Telecommunications/Annals of Telecommunications, 2019, 74, 45-52.	2.5	9
9	Crash Risk-Based Prioritization of Basic Safety Message in DSRC. IEEE Access, 2020, 8, 211961-211972.	4.2	9
10	Human EMF Exposure in Wearable Networks for Internet of Battlefield Things. , 2019, , .		8
11	PSUN: An OFDM-Pulsed Radar Coexistence Technique with Application to 3.5â€‰GHz LTE. Mobile Information Systems, 2016, 2016, 1-13.	0.6	6
12	Coexistence of Outdoor Wi-Fi and Radar at 3.5 GHz. IEEE Wireless Communications Letters, 2017, 6, 522-525.	5.0	6
13	Environment-Adaptive Multiple Access for Distributed V2X Network: A Reinforcement Learning Framework. , 2021, , .		6
14	Byzantine-Fault-Tolerant Consensus via Reinforcement Learning for Permissioned Blockchain-Empowered V2X Network. IEEE Transactions on Intelligent Vehicles, 2023, 8, 172-183.	12.7	6
15	Mitigation of Civilian-to-Military Interference in DSRC for Urban Operations. , 2019, , .		5
16	An analysis of sensing scheme using energy detector for cognitive radio networks. , 2008, , .		4
17	A TDMA-based MAC between gateway and devices in M2M networks. , 2016, , .		4
18	Mitigation of Human EMF Exposure in a Cellular Wireless System. , 2020, , .		4

#	Article	IF	Citations
19	Reinforcement Learning for Accident Risk-Adaptive V2X Networking. , 2020, , .		3
20	Interference reduction of cellular relay networks in multiple-cell environment by spectrum agility. , 2008, , .		2
21	The capacity of cognitive ad hoc networks. , 2010, , .		2
22	Coexistence between OFDM and pulsed radars in the 3.5 GHz band with imperfect sensing. , 2016, , .		2
23	Remote laboratory exercises and tutorials for spectrum-agile radio frequency systems. , 2018, , .		2
24	A Novel Method for Evaluation of Coexistence between DSRC and Wi-Fi at 5.9 GHz. , 2018, , .		2
25	5G or Wi-Fi for HA/DR in the 60 GHz Band?. , 2019, , .		2
26	Detection Probability of WCDMA Based Cellular Radar System. , 2007, , .		1
27	PSUN: An OFDM scheme for coexistence with pulsed radar. , 2015, , .		1
28	Coexistence between OFDM and pulsed radars in the 3.5 GHz Band with imperfect sensing. , 2016, , .		1
29	On the Coexistence of WiGig and NR-U in 60 GHz Band. , 2021, , .		1
30	The Capacity of Cognitive Ad-Hoc Networks with Carrier Sensing Errors. , 2011, , .		1
31	On the Feasibility of 4.9 GHz Public Safety Band as Spectrum Option for Internet of Vehicles. , 2022, , .		1
32	Detection Probability of WCDMA Based Cellular Radar System. , 2007, , .		0
33	Spectral Efficiency Enhancement Using Multiaccess Scheme in Heterogeneous Network. , 2009, , .		0
34	Analysis on Multiple Access for Heterogeneous Network Diversity. , 2009, , .		0
35	A TDMA-based MAC between Gateway and devices in M2M networks. , 2016, , .		0
36	Adding Interactivity to Education of Complex Wireless Networks Using Digital Game-Based Learning. , 2021, , .		0

#	Article	IF	Citations
37	On the Byzantine-Fault- Tolerant Consensus in Blockchain Built on Internet of Vehicles. , 2022, , .		0
38	Lessons Learned from a Radio Spectrum Coexistence Competition: A Road Map to Engagement in Informal Education of Wireless Communication. , 0, , .		0