Dong-Woo Lim

List of Publications by Year
in descending order

13 papers	87 citations	1478505 6 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	108 citing authors

#	Article	IF	Citations
1	On the LoRa Modulation for IoT: Optimal Preamble Detection and Its Performance Analysis. IEEE Internet of Things Journal, 2022, 9, 4973-4986.	8.7	6
2	Hierarchical Federated Learning for Edge-Aided Unmanned Aerial Vehicle Networks. Applied Sciences (Switzerland), 2022, 12, 670.	2.5	14
3	Mixer U-Net: An Improved Automatic Road Extraction from UAV Imagery. Applied Sciences (Switzerland), 2022, 12, 1953.	2.5	11
4	Deep Learning-Aided Downlink Beamforming Design and Uplink Power Allocation for UAV Wireless Communications with LoRa. Applied Sciences (Switzerland), 2022, 12, 4826.	2.5	1
5	Outage-Optimal and Suboptimal Power Control for D2D Communications in SWIPT Cellular Networks With Local CSI. IEEE Wireless Communications Letters, 2020, 9, 1795-1798.	5.0	5
6	Unmanned Aerial Vehicle Identification Success Probability with LoRa Communication Approach. , 2020, , .		2
7	Adaptive Power Control for D2D Communications in Downlink SWIPT Networks With Partial CSI. IEEE Wireless Communications Letters, 2019, 8, 1333-1336.	5.0	16
8	Joint Transmit Power and Time-Switching Control for Device-to-Device Communications in SWIPT Cellular Networks. IEEE Communications Letters, 2019, 23, 322-325.	4.1	17
9	Spectrum Sharing in Weather Radar Networked System: Design and Experimentation. IEEE Sensors Journal, 2019, 19, 1720-1729.	4.7	8
10	Channel Training for MIMO Relay Systems in the Presence of Interference. IEEE Transactions on Vehicular Technology, 2017, 66, 10601-10605.	6.3	1
11	Power allocation for time division broadcast protocol over Rayleigh fading channels. , 2013, , .		1
12	Reliable estimation of respiration rate using UWB impulse radar. , 2013, , .		2
13	Human detection based on the condition number in the non-stationary clutter environment using UWB impulse radar. , 2013, , .		3