Seung-Hoon Hwang

List of Publications by Year
in descending order

30 papers	1,012 citations	1039880 9 h-index	677027 22 g-index
30 all docs	30 docs citations	30 times ranked	1288 citing authors

#	Article	IF	Citations
1	Hybrid of Angular and Distance Protection for Coexistence of 5G Base Stations and Satellite Earth Stations. Electronics (Switzerland), 2022, 11, 623.	1.8	3
2	Adaptive sensing-based semipersistent scheduling with channel-state-information-aided reselection probability for LTE-V2V. ICT Express, 2022, 8, 296-301.	3.3	3
3	Performance Analysis of Multihop Underground Magnetic Induction Communication. Electronics (Switzerland), 2021, 10, 1255.	1.8	3
4	Clustering-Based Noise Elimination Scheme for Data Pre-Processing for Deep Learning Classifier in Fingerprint Indoor Positioning System. Sensors, 2021, 21, 4349.	2.1	9
5	Distance Protection for Coexistence of 5G Base Station and Satellite Earth Station. Electronics (Switzerland), 2021, 10, 1481.	1.8	8
6	Improved RSSI-Based Data Augmentation Technique for Fingerprint Indoor Localisation. Electronics (Switzerland), 2020, 9, 851.	1.8	22
7	Side-Information-Aided Preprocessing Scheme for Deep-Learning Classifier in Fingerprint-Based Indoor Positioning. Electronics (Switzerland), 2020, 9, 982.	1.8	4
8	Adaptive Transmit Power Control Algorithm for Sensing-Based Semi-Persistent Scheduling in C-V2X Mode 4 Communication. Electronics (Switzerland), 2019, 8, 846.	1.8	36
9	Maximum Transmit Power for UE in an LTE Small Cell Uplink. Electronics (Switzerland), 2019, 8, 796.	1.8	13
10	Comparison of CNN Applications for RSSI-based Fingerprint Indoor Localization. Electronics (Switzerland), 2019, 8, 989.	1.8	44
11	Data Augmentation Schemes for Deep Learning in an Indoor Positioning Application. Electronics (Switzerland), 2019, 8, 554.	1.8	34
12	Pre- and Post-Processing Algorithms with Deep Learning Classifier for Wi-Fi Fingerprint-Based Indoor Positioning. Electronics (Switzerland), 2019, 8, 195.	1.8	32
13	Survey on 3GPP Low Power Wide Area Technologies and its Application. , 2019, , .		16
14	Spectrum Values in Suburban/Urban Environments above 1.5 GHz. Electronics (Switzerland), 2018, 7, 401.	1.8	3
15	Investigation of spectrum values in rural environments. ICT Express, 2018, 4, 234-238.	3.3	3
16	Optimization of Cell Size in Ultra-Dense Networks with Multiattribute User Types and Different Frequency Bands. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	0.8	9
17	IoT-Aided Fingerprint Indoor Positioning Using Support Vector Classification. , 2018, , .		4
18	Adjacent Vehicle Number-Triggered Adaptive Transmission for V2V Communications. Sensors, 2018, 18, 755.	2.1	3

#	Article	IF	Citations
19	Investigation of Open-Loop Transmit Power Control Parameters for Homogeneous and Heterogeneous Small-Cell Uplinks. ETRI Journal, 2018, 40, 51-60.	1.2	10
20	A survey on LPWA technology: LoRa and NB-IoT. ICT Express, 2017, 3, 14-21.	3.3	717
21	Adaptive data rate transmission for V2I communication. , 2016, , .		1
22	Selection diversity–aided subcarrier intensity modulation/spatial modulation for free–space optical communication. IET Optoelectronics, 2015, 9, 116-124.	1.8	6
23	SIM/SM-Aided Free-Space Optical Communication With Receiver Diversity. Journal of Lightwave Technology, 2014, 32, 2443-2450.	2.7	19
24	Subcarrier Intensity Modulation/Spatial Modulation for Optical Wireless Communications. IEICE Transactions on Communications, 2014, E97.B, 1044-1049.	0.4	2
25	A novel channel allocation scheme in IEEE 802.22 systems. , 2012, , .		0
26	Improvement of higher order modulations for MUROS. , 2012, , .		0
27	A Novel Channel Sharing Scheme for Optimizing ODFC in IEEE 802.22 Systems. , 2011, , .		7
28	Comparison of power and combining gains on an ARQ-aided downlink time switched transmit diversity in a WCDMA LCR-TDD system. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2011, 34, 227-232.	0.6	0
29	A novel operating and backup channel allocation scheme in IEEE 802.22 systems. , 2011, , .		0
30	Impacts of Power Ramping for ARQ-Aided Downlink Time Switched Transmit Diversity in the WCDMA LCR-TDD System. Communications in Computer and Information Science, 2009, , 51-57.	0.4	1