

Seung-Hoon Hwang

List of Publications by Year in descending order

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Version: 2024-02-01

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	A survey on LPWA technology: LoRa and NB-IoT. <i>ICT Express</i> , 2017, 3, 14-21.	3.3	717
2	Comparison of CNN Applications for RSSI-based Fingerprint Indoor Localization. <i>Electronics (Switzerland)</i> , 2019, 8, 989.	1.8	44
3	Adaptive Transmit Power Control Algorithm for Sensing-Based Semi-Persistent Scheduling in C-V2X Mode 4 Communication. <i>Electronics (Switzerland)</i> , 2019, 8, 846.	1.8	36
4	Data Augmentation Schemes for Deep Learning in an Indoor Positioning Application. <i>Electronics (Switzerland)</i> , 2019, 8, 554.	1.8	34
5	Pre- and Post-Processing Algorithms with Deep Learning Classifier for Wi-Fi Fingerprint-Based Indoor Positioning. <i>Electronics (Switzerland)</i> , 2019, 8, 195.	1.8	32
6	Improved RSSI-Based Data Augmentation Technique for Fingerprint Indoor Localisation. <i>Electronics (Switzerland)</i> , 2020, 9, 851.	1.8	22
7	SIM/SM-Aided Free-Space Optical Communication With Receiver Diversity. <i>Journal of Lightwave Technology</i> , 2014, 32, 2443-2450.	2.7	19
8	Survey on 3GPP Low Power Wide Area Technologies and its Application. , 2019, , .		16
9	Maximum Transmit Power for UE in an LTE Small Cell Uplink. <i>Electronics (Switzerland)</i> , 2019, 8, 796.	1.8	13
10	Investigation of Open-Loop Transmit Power Control Parameters for Homogeneous and Heterogeneous Small-Cell Uplinks. <i>ETRI Journal</i> , 2018, 40, 51-60.	1.2	10
11	Optimization of Cell Size in Ultra-Dense Networks with Multiattribute User Types and Different Frequency Bands. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-10.	0.8	9
12	Clustering-Based Noise Elimination Scheme for Data Pre-Processing for Deep Learning Classifier in Fingerprint Indoor Positioning System. <i>Sensors</i> , 2021, 21, 4349.	2.1	9
13	Distance Protection for Coexistence of 5G Base Station and Satellite Earth Station. <i>Electronics (Switzerland)</i> , 2021, 10, 1481.	1.8	8
14	A Novel Channel Sharing Scheme for Optimizing ODFC in IEEE 802.22 Systems. , 2011, , .		7
15	Selection diversity-aided subcarrier intensity modulation/spatial modulation for free-space optical communication. <i>IET Optoelectronics</i> , 2015, 9, 116-124.	1.8	6
16	IoT-Aided Fingerprint Indoor Positioning Using Support Vector Classification. , 2018, , .		4
17	Side-Information-Aided Preprocessing Scheme for Deep-Learning Classifier in Fingerprint-Based Indoor Positioning. <i>Electronics (Switzerland)</i> , 2020, 9, 982.	1.8	4
18	Spectrum Values in Suburban/Urban Environments above 1.5 GHz. <i>Electronics (Switzerland)</i> , 2018, 7, 401.	1.8	3

#	ARTICLE	IF	CITATIONS
19	Investigation of spectrum values in rural environments. ICT Express, 2018, 4, 234-238.	3.3	3
20	Adjacent Vehicle Number-Triggered Adaptive Transmission for V2V Communications. Sensors, 2018, 18, 755.	2.1	3
21	Performance Analysis of Multihop Underground Magnetic Induction Communication. Electronics (Switzerland), 2021, 10, 1255.	1.8	3
22	Hybrid of Angular and Distance Protection for Coexistence of 5G Base Stations and Satellite Earth Stations. Electronics (Switzerland), 2022, 11, 623.	1.8	3
23	Adaptive sensing-based semipersistent scheduling with channel-state-information-aided reselection probability for LTE-V2V. ICT Express, 2022, 8, 296-301.	3.3	3
24	Subcarrier Intensity Modulation/Spatial Modulation for Optical Wireless Communications. IEICE Transactions on Communications, 2014, E97.B, 1044-1049.	0.4	2
25	Adaptive data rate transmission for V2I communication. , 2016, , .		1
26	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
27	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 Hsueh K'uan, 2011, 34, 227-232.	0.6	0
28	A novel operating and backup channel allocation scheme in IEEE 802.22 systems. , 2011, , .		0
29	A novel channel allocation scheme in IEEE 802.22 systems. , 2012, , .		0
30	Improvement of higher order modulations for MUROS. , 2012, , .		0