Jaewoo So

List of Publications by Year
in descending order

39 papers	298 citations	933447 10 h-index	996975 15 g-index
39 all docs	39 docs citations	39 times ranked	308 citing authors

#	Article	IF	Citations
1	Machine learning-based adaptive CSI feedback interval. ICT Express, 2022, 8, 544-548.	4.8	3
2	One-bit signaling-based interference management for MIMO V2V sidelink. ICT Express, 2022, 8, 595-599.	4.8	2
3	Carbon-Neutral Cellular Network Operation Based on Deep Reinforcement Learning. Energies, 2022, 15, 4504.	3.1	1
4	Deep learningâ€based massive multipleâ€input multipleâ€output channel state information feedback with data normalisation using clipping. Electronics Letters, 2021, 57, 151-154.	1.0	1
5	Adaptive Lightweight CNN-Based CSI Feedback for Massive MIMO Systems. IEEE Wireless Communications Letters, 2021, 10, 2776-2780.	5.0	9
6	Deep Learning-Based Cryptanalysis of Lightweight Block Ciphers. Security and Communication Networks, 2020, 2020, 1-11.	1.5	34
7	Reinforcement Learning-Based Joint User Pairing and Power Allocation in MIMO-NOMA Systems. Sensors, 2020, 20, 7094.	3.8	12
8	Feedback Bits Allocation for Guaranteed Bit Rate Services in Cooperative Cognitive Radio Networks. Sensors, 2020, 20, 469.	3.8	2
9	A New Attack Scheme on the Bitcoin Reward System. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2019, E102.A, 300-302.	0.3	2
10	Adaptive feedback bits and power allocation for dynamic TDD systems. Journal of Communications and Networks, 2019, 21, 113-124.	2.6	4
11	Channel correlationâ€based relay attack avoidance in vehicle keylessâ€entry systems. Electronics Letters, 2018, 54, 395-397.	1.0	3
12	Cooperative Feedback Bits Allocation and Transmit Power Control in Underlay Cognitive Radio Networks. Sensors, 2018, 18, 1809.	3.8	6
13	An Energy-Efficient Data Reporting Scheme Based on Spectrum Sensing in Wireless Sensor Networks. Wireless Personal Communications, 2017, 93, 949-967.	2.7	2
14	On Optimal Cooperative Sensing with Energy Detection in Cognitive Radio. Sensors, 2017, 17, 2111.	3.8	15
15	Power allocation and subcarrier assignment for joint delivery of unicast and broadcast transmissions in OFDM systems. Journal of Communications and Networks, 2016, 18, 375-386.	2.6	6
16	Interferenceâ€aware frequency hopping for Bluetooth in crowded Wiâ€Fi networks. Electronics Letters, 2016, 52, 1503-1505.	1.0	15
17	Sensing-based adaptive data reporting scheme in wireless sensor networks. , 2016, , .		0
18	Energy-Efficient Cooperative Spectrum Sensing With a Logical Multi-Bit Combination Rule. IEEE Communications Letters, 2016, 20, 2538-2541.	4.1	12

#	Article	IF	Citations
19	Group-Based Multibit Cooperative Spectrum Sensing for Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 10193-10198.	6.3	19
20	Limited reporting-based cooperative spectrum sensing for multiband cognitive radio networks. AEU - International Journal of Electronics and Communications, 2016, 70, 386-397.	2.9	17
21	Cooperative spectrum sensing with twoâ€stage reporting for cognitive radio networks. Electronics Letters, 2016, 52, 83-85.	1.0	8
22	Improving Channel Utilization via Cooperative Spectrum Sensing With Opportunistic Feedback in Cognitive Radio Networks. IEEE Communications Letters, 2015, 19, 1065-1068.	4.1	19
23	Sensing-throughput/positioning tradeoff in indoor cognitive radio networks. , 2014, , .		0
24	Scheduling and positioning for the expanded region of an indoor cell in heterogeneous networks. , 2014, , .		3
25	Converged architecture for broadcast and multicast services in heterogeneous network. , 2014, , .		5
26	Performance analysis of VoIP services in mobile WiMAX systems with a hybrid ARQ scheme. Journal of Communications and Networks, 2012, 14, 510-517.	2.6	3
27	Transmission delay analysis of HARQ-ARQ interaction mechanisms for IEEE 802.16m systems. , 2012, , .		1
28	Optimal user selection algorithm for opportunistic space division multiple access systems. , 2012, , .		0
29	Channel Aggregation Schemes for Cognitive Radio Networks. IEICE Transactions on Communications, 2012, E95.B, 1802-1809.	0.7	5
30	Integrated Utility Function-Based Scheduling for Mixed Traffic in LTE Systems. IEICE Transactions on Communications, 2012, E95-B, 659-662.	0.7	0
31	Algorithms for ARQ feedback message transmission in IEEE 802.16m systems. , 2011, , .		1
32	Performance Analysis of Persistent Scheduling for VoIP Services in Mobile WiMAX Systems. IEICE Transactions on Communications, 2011, E94-B, 175-182.	0.7	1
33	Optimal Selection Criterion of the Modulation and Coding Scheme in Consideration of the Signaling Overhead of Mobile WiMAX Systems. IEICE Transactions on Communications, 2011, E94-B, 2153-2157.	0.7	0
34	Performance analysis of discrete feedback schemes for downlink multiuser diversity in OFDMA systems. AEU - International Journal of Electronics and Communications, 2010, 64, 163-167.	2.9	1
35	Analysis of Cognitive Radio Networks with Channel Aggregation. , 2010, , .		32
36	Feedback reduction scheme for downlink multiuser diversity. IEEE Transactions on Wireless Communications, 2009, 8, 668-672.	9.2	24

#	Article	IF	Citations
37	Performance Analysis of a Semi-fixed Mapping Scheme for VoIP Services in Wireless OFDMA Systems. , 2009, , .		5
38	Multiuser Diversity in a MIMO System With Opportunistic Feedback. IEEE Transactions on Vehicular Technology, 2009, 58, 4909-4918.	6.3	17
39	Opportunistic feedback with multiple classes in wireless systems. IEEE Communications Letters, 2009, 13, 384-386.	4.1	8