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	Deep Learning-Based Cryptanalysis of Lightweight Block Ciphers. Security and Communication Networks, 2020, 2020, 1-11.	1.5	34
2	Analysis of Cognitive Radio Networks with Channel Aggregation. , 2010, , .		32
3	Feedback reduction scheme for downlink multiuser diversity. IEEE Transactions on Wireless Communications, 2009, 8, 668-672.	9.2	24
4	Improving Channel Utilization via Cooperative Spectrum Sensing With Opportunistic Feedback in Cognitive Radio Networks. IEEE Communications Letters, 2015, 19, 1065-1068.	4.1	19
5	Group-Based Multibit Cooperative Spectrum Sensing for Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 10193-10198.	6.3	19
6	Multiuser Diversity in a MIMO System With Opportunistic Feedback. IEEE Transactions on Vehicular Technology, 2009, 58, 4909-4918.	6.3	17
7	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
8	Interferenceâ€aware frequency hopping for Bluetooth in crowded Wiâ€Fi networks. Electronics Letters, 2016, 52, 1503-1505.	1.0	15
9	On Optimal Cooperative Sensing with Energy Detection in Cognitive Radio. Sensors, 2017, 17, 2111.	3.8	15
10	Energy-Efficient Cooperative Spectrum Sensing With a Logical Multi-Bit Combination Rule. IEEE Communications Letters, 2016, 20, 2538-2541.	4.1	12
11	Reinforcement Learning-Based Joint User Pairing and Power Allocation in MIMO-NOMA Systems. Sensors, 2020, 20, 7094.	3.8	12
12	Adaptive Lightweight CNN-Based CSI Feedback for Massive MIMO Systems. IEEE Wireless Communications Letters, 2021, 10, 2776-2780.	5.0	9
13	Opportunistic feedback with multiple classes in wireless systems. IEEE Communications Letters, 2009, 13, 384-386.	4.1	8
14	Cooperative spectrum sensing with twoâ€stage reporting for cognitive radio networks. Electronics Letters, 2016, 52, 83-85.	1.0	8
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	Cooperative Feedback Bits Allocation and Transmit Power Control in Underlay Cognitive Radio Networks. Sensors, 2018, 18, 1809.	3.8	6
17	Performance Analysis of a Semi-fixed Mapping Scheme for VoIP Services in Wireless OFDMA Systems. , 2009, , .		5
18	Converged architecture for broadcast and multicast services in heterogeneous network. , 2014, , .		5

#	Article	IF	Citations
19	Channel Aggregation Schemes for Cognitive Radio Networks. IEICE Transactions on Communications, 2012, E95.B, 1802-1809.	0.7	5
20	Adaptive feedback bits and power allocation for dynamic TDD systems. Journal of Communications and Networks, 2019, 21, 113-124.	2.6	4
21	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
22	Scheduling and positioning for the expanded region of an indoor cell in heterogeneous networks. , 2014, , .		3
23	Channel correlationâ€based relay attack avoidance in vehicle keylessâ€entry systems. Electronics Letters, 2018, 54, 395-397.	1.0	3
24	Machine learning-based adaptive CSI feedback interval. ICT Express, 2022, 8, 544-548.	4.8	3
25	An Energy-Efficient Data Reporting Scheme Based on Spectrum Sensing in Wireless Sensor Networks. Wireless Personal Communications, 2017, 93, 949-967.	2.7	2
26	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
27	Feedback Bits Allocation for Guaranteed Bit Rate Services in Cooperative Cognitive Radio Networks. Sensors, 2020, 20, 469.	3.8	2
28	One-bit signaling-based interference management for MIMO V2V sidelink. ICT Express, 2022, 8, 595-599.	4.8	2
29	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
30	Algorithms for ARQ feedback message transmission in IEEE 802.16m systems. , 2011, , .		1
31	Performance Analysis of Persistent Scheduling for VoIP Services in Mobile WiMAX Systems. IEICE Transactions on Communications, 2011, E94-B, 175-182.	0.7	1
32	Transmission delay analysis of HARQ-ARQ interaction mechanisms for IEEE 802.16m systems. , 2012, , .		1
33	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
34	Carbon-Neutral Cellular Network Operation Based on Deep Reinforcement Learning. Energies, 2022, 15, 4504.	3.1	1
35	Optimal user selection algorithm for opportunistic space division multiple access systems. , 2012, , .		0
36	Sensing-throughput/positioning tradeoff in indoor cognitive radio networks. , 2014, , .		0

#	Article	IF	Citations
37	Sensing-based adaptive data reporting scheme in wireless sensor networks. , 2016, , .		0
38	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
39	Integrated Utility Function-Based Scheduling for Mixed Traffic in LTE Systems. IEICE Transactions on Communications, 2012, E95-B, 659-662.	0.7	0