Ohyun Jo

List of Publications by Year in descending order

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35	1,101	687363 13	454955 30
papers	citations	h-index	g-index

35	35	35	1428
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploitation of Channel-Learning for Enhancing 5G Blind Beam Index Detection. IEEE Transactions on Vehicular Technology, 2022, 71, 2925-2938.	6.3	3
2	Achieving 360^circ Coverage Dynamic and Switchable Beamforming Through Resource-Efficient Switchable Antennas for Future mmWave IoT Devices. IEEE Transactions on Industrial Electronics, 2021, 68, 8982-8991.	7.9	4
3	Iterative Learning for Reliable Link Adaptation in the Internet of Underwater Things. IEEE Access, 2021, 9, 30408-30416.	4.2	4
4	COVID-19 Patient Health Prediction Using Boosted Random Forest Algorithm. Frontiers in Public Health, 2020, 8, 357.	2.7	339
5	Iterative Learning for Reliable Underwater Link Adaptation (Student Abstract). Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 13761-13762.	4.9	2
6	Intelligent Handover Prediction Based on Locational Priority With Zero Scanning for the Internet of Underwater Things. IEEE Access, 2020, 8, 186291-186303.	4.2	5
7	Realizing Efficient Security and Privacy in IoT Networks. Sensors, 2020, 20, 2609.	3.8	34
8	A review on classification of imbalanced data for wireless sensor networks. International Journal of Distributed Sensor Networks, 2020, 16, 155014772091640.	2.2	94
9	Ocean Current Prediction Based on Machine Learning for Deciding Handover Priority in Underwater Wireless Sensor Networks. , 2020, , .		10
10	Artificial Intelligence Enabled Road Vehicle-Train Collision Risk Assessment Framework for Unmanned Railway Level Crossings. IEEE Access, 2020, 8, 113790-113806.	4.2	39
11	Distributed reinforcement learning scheme for environmentally adaptive IoT network selection. Electronics Letters, 2020, 56, 462-464.	1.0	8
12	Blended Multi-Modal Deep ConvNet Features for Diabetic Retinopathy Severity Prediction. Electronics (Switzerland), 2020, 9, 914.	3.1	95
13	Joint Scheduling and Power Allocation Using Non-Orthogonal Multiple Access in Multi-Cell Beamforming Networks. Electronics (Switzerland), 2020, 9, 896.	3.1	0
14	Intelligent Resource Allocation in Wireless Communications Systems. IEEE Communications Magazine, 2020, 58, 100-105.	6.1	25
15	KeySplitWatermark: Zero Watermarking Algorithm for Software Protection Against Cyber-Attacks. IEEE Access, 2020, 8, 72650-72660.	4.2	104
16	CoRL: Collaborative Reinforcement Learning-Based MAC Protocol for IoT Networks. Electronics (Switzerland), 2020, 9, 143.	3.1	13
17	MSE-Based Downlink and Uplink Joint Beamforming in Dynamic TDD System Based on Cloud-RAN. IEEE Systems Journal, 2019, 13, 2228-2239.	4.6	1
18	Analysis of Growth Performance in Swine Based on Machine Learning. IEEE Access, 2019, 7, 161716-161724.	4.2	11

#	Article	IF	Citations
19	Toward the Realization of Encoder and Decoder Using Deep Neural Networks. IEEE Communications Magazine, 2019, 57, 57-63.	6.1	8
20	Feasibility of Index-Coded Retransmissions for Enhancing Sidelink Channel Efficiency of V2X Communications. IEEE Access, 2019, 7, 6545-6552.	4.2	6
21	Exploiting Self-Reserving Spectrum to Reduce Service Dropping Probability in Cognitive Radio Systems. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2019, E102.A, 697-701.	0.3	0
22	Internet of Things for Smart Railway: Feasibility and Applications. IEEE Internet of Things Journal, 2018, 5, 482-490.	8.7	73
23	SNR analysis and estimation for efficient phase noise mitigation in millimetreâ€wave SCâ€FDE systems. IET Communications, 2018, 12, 2347-2356.	2.2	2
24	Uplink Resource Allocation for Interference Mitigation in Two-Tier Femtocell Networks. Mobile Information Systems, 2018, 2018, 1-6.	0.6	3
25	Joint Optimization of Spectrum Sensing and Transmit Power in Energy Harvesting-Based Cognitive Radio Networks. IEEE Access, 2018, 6, 30653-30662.	4.2	24
26	Joint Scheduling and Power Allocation Using Non-Orthogonal Multiple Access in Directional Beam-Based WLAN Systems. IEEE Wireless Communications Letters, 2017, 6, 482-485.	5.0	9
27	Exploitation of Dual-Polarization Diversity for 5G Millimeter-Wave MIMO Beamforming Systems. IEEE Transactions on Antennas and Propagation, 2017, 65, 6646-6655.	5.1	76
28	Cost-optimized configuration of computing instances for large sized cloud systems. ICT Express, 2017, 3, 107-110.	4.8	4
29	Spatial Reuse Algorithm Using Interference Graph in Millimeter Wave Beamforming Systems. ETRI Journal, 2017, 39, 255-263.	2.0	4
30	Intergroup Joint Scheduling for Mitigating Asymmetric Uplink Interference in Self-Organizing Virtual Cell Networks. Mobile Information Systems, 2016, 2016, 1-10.	0.6	0
31	60GHz Wireless Communication for Future Wi-Fi. ICT Express, 2015, 1, 30-33.	4.8	16
32	Holistic design considerations for environmentally adaptive 60 GHz beamforming technology. , 2014, 52, 30-38.		13
33	Cooperative Resource Allocation for Guaranteeing Intercell Fairness in Femtocell Networks. IEEE Communications Letters, 2011, 15, 214-216.	4.1	47
34	Seamless spectrum handover considering differential path-loss in cognitive radio systems. IEEE Communications Letters, 2009, 13, 190-192.	4.1	15
35	An enhanced packet scheduling algorithm combined with HARQ for HSDPA system. IEEE Communications Letters, 2008, 12, 247-249.	4.1	10