

Xianzhong Xie

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

648
citations

687363

13
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713466

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all docs

31
docs citations

31
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning-Based Energy-Efficient Resource Management by Heterogeneous RF/VLC for Ultra-Reliable Low-Latency Industrial IoT Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 5565-5576.	11.3	125
2	Intelligent Resource Management Based on Reinforcement Learning for Ultra-Reliable and Low-Latency IoV Communication Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 4157-4169.	6.3	120
3	Deep-Reinforcement-Learning-Based Energy-Efficient Resource Management for Social and Cognitive Internet of Things. IEEE Internet of Things Journal, 2020, 7, 5677-5689.	8.7	43
4	An Actor-Critic Deep Reinforcement Learning Approach for Transmission Scheduling in Cognitive Internet of Things Systems. IEEE Systems Journal, 2020, 14, 51-60.	4.6	37
5	Energy-Efficient Joint Scheduling and Resource Management for UAV-Enabled Multicell Networks. IEEE Systems Journal, 2020, 14, 363-374.	4.6	33
6	Coordinated Resource Allocation-Based Integrated Visible Light Communication and Positioning Systems for Indoor IoT. IEEE Transactions on Wireless Communications, 2020, 19, 4671-4684.	9.2	28
7	Deep-Reinforcement-Learning-Based Spectrum Resource Management for Industrial Internet of Things. IEEE Internet of Things Journal, 2021, 8, 3476-3489.	8.7	28
8	Cooperative Spectrum Sensing Based on SNR Comparison in Fusion Center for Cognitive Radio. , 2009, , .		27
9	Machine-Learning-Based Cognitive Spectrum Assignment for 5G URLLC Applications. IEEE Network, 2019, 33, 30-35.	6.9	24
10	Deep Reinforcement Learning Based Intelligent User Selection in Massive MIMO Underlay Cognitive Radios. IEEE Access, 2019, 7, 110884-110894.	4.2	21
11	PSHO-HF-PM: An Efficient Proactive Spectrum Handover Mechanism in Cognitive Radio Networks. Wireless Personal Communications, 2014, 79, 1679-1701.	2.7	20
12	Deep Convolutional-Neural-Network-Based Channel Attention for Single Image Dynamic Scene Blind Deblurring. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2994-3009.	8.3	18
13	Deep Reinforcement Learning-Based Multidimensional Resource Management for Energy Harvesting Cognitive NOMA Communications. IEEE Transactions on Communications, 2022, 70, 3110-3125.	7.8	17
14	Video shot boundary detection based on multi-level features collaboration. Signal, Image and Video Processing, 2021, 15, 627-635.	2.7	15
15	A novel 3GPP SAE authentication and key agreement protocol. , 2009, , .		14
16	A Historical-Information-Based Algorithm in Dynamic Spectrum Allocation. , 2009, , .		12
17	Robust Transceiver Design Based on Interference Alignment for Multi-User Multi-Cell MIMO Networks With Channel Uncertainty. IEEE Access, 2017, 5, 5121-5134.	4.2	12
18	Deep Reinforcement Learning Based Dynamic User Access and Decode Order Selection for Uplink NOMA System With Imperfect SIC. IEEE Wireless Communications Letters, 2021, 10, 710-714.	5.0	11

#	ARTICLE	IF	CITATIONS
19	Joint Uplink and Downlink Resource Allocation in NOMA for End-to-End URLLC Services. IEEE Communications Letters, 2021, 25, 3942-3946.	4.1	8
20	Spatial-scale-regularized blur kernel estimation for blind image deblurring. Signal Processing: Image Communication, 2018, 68, 138-154.	3.2	7
21	Multi-Regularization-Constrained Blur Kernel Estimation Method for Blind Motion Deblurring. IEEE Access, 2019, 7, 5296-5311.	4.2	7
22	Outage Performance of CDF-Based Scheduling in Downlink and Uplink NOMA Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 14945-14959.	6.3	6
23	A Way to Reduce ICI of Multi-user MIMO-OFDM System with Precoding. , 2009, , .		4
24	Heterogeneous Social Recommendation Model With Network Embedding. IEEE Access, 2020, 8, 209483-209494.	4.2	3
25	Outage Probability of CDF-Based Scheduling for Uplink NOMA with Practical SIC Considerations. , 2020, , .		2
26	Fairness Enhancement for Opportunistic Interference Alignment Algorithm With Low Latency Communications. IEEE Systems Journal, 2020, 14, 5002-5013.	4.6	2
27	Deep Reinforcement Learning Based Big Data Resource Management for 5G/6G Communications. , 2021, , .		2
28	A new two-user cognitive radio channel model and its capacity analysis. , 2009, , .		1
29	Joint Time and Power Control of Energy Harvesting CRN Based on PPO. , 2022, , .		1
30	Personalized Check-in Prediction Model Based on User's Dissimilarity and Regression. IEEE Access, 2019, 7, 79418-79432.	4.2	0
31	Dynamic Spectrum Access Scheme of Joint Power Control in Underlay Mode Based on Deep Reinforcement Learning. , 2020, , .		0