

Xuanheng

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

417
citations

933447

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794594

19
g-index

37
all docs

37
docs citations

37
times ranked

480
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning-Based Spectrum Sensing in Cognitive Radio: A CNN-LSTM Approach. IEEE Communications Letters, 2020, 24, 2196-2200.	4.1	91
2	Beef Up the Edge: Spectrum-Aware Placement of Edge Computing Services for the Internet of Things. IEEE Transactions on Mobile Computing, 2019, 18, 2783-2795.	5.8	33
3	Dolphins First: Dolphin-Aware Communications in Multi-Hop Underwater Cognitive Acoustic Networks. IEEE Transactions on Wireless Communications, 2017, 16, 2043-2056.	9.2	29
4	Users First: Service-Oriented Spectrum Auction With a Two-Tier Framework Support. IEEE Journal on Selected Areas in Communications, 2016, 34, 2999-3013.	14.0	28
5	IRS-Enhanced Wideband MU-MISO-OFDM Communication Systems. , 2020, , .		25
6	Intelligent Data Transportation in Smart Cities: A Spectrum-Aware Approach. IEEE/ACM Transactions on Networking, 2018, 26, 2598-2611.	3.8	23
7	Service-Oriented Hybrid-Database-Assisted Spectrum Trading: A Blueprint for Future Licensed Spectrum Sharing. IEEE Wireless Communications, 2019, 26, 156-163.	9.0	21
8	Statistical QoS Provisioning Over Uncertain Shared Spectrums in Cognitive IoT Networks: A Distributionally Robust Data-Driven Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 12286-12300.	6.3	18
9	Data-Driven Optimization for Cooperative Edge Service Provisioning With Demand Uncertainty. IEEE Internet of Things Journal, 2021, 8, 4317-4328.	8.7	12
10	A Service-Oriented Spectrum-Aware RAN-Slicing Trading Scheme Under Spectrum Sharing. IEEE Internet of Things Journal, 2020, 7, 11303-11317.	8.7	11
11	Exploiting Magnetic Field Analysis to Characterize MI Wireless Communications in Subsea Environments. , 2018, , .		10
12	Multi-Target Device-Free Wireless Sensing Based on Multiplexing Mechanisms. IEEE Transactions on Vehicular Technology, 2020, 69, 10242-10251.	6.3	10
13	Energy-Efficient Channel Switching in Cognitive Radio Networks: A Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 12359-12362.	6.3	10
14	A Novel Interference Alignment Scheme With a Full-Duplex MIMO Relay. IEEE Communications Letters, 2015, 19, 1798-1801.	4.1	9
15	UAV-Assisted Edge Caching Under Uncertain Demand: A Data-Driven Distributionally Robust Joint Strategy. IEEE Transactions on Communications, 2022, 70, 3499-3511.	7.8	9
16	Ferrite Assisted Geometry-Conformal Magnetic Induction Antenna and Subsea Communications for AUVs. , 2018, , .		8
17	Session-Based Cooperation in Cognitive Radio Networks: A Network-Level Approach. IEEE/ACM Transactions on Networking, 2018, 26, 685-698.	3.8	7
18	LetFi: Letter Recognition in the Air Using CSI. , 2018, , .		7

#	ARTICLE	IF	CITATIONS
19	A Data-Driven Cost-Effective Session-Oriented Cognitive Radio Transmission Scheme Under Spectrum Uncertainty. IEEE Transactions on Vehicular Technology, 2019, 68, 12401-12405.	6.3	7
20	Green Traffic Off-Loading Over Uncertain Shared Spectrums With End-to-End QoS Guarantee. IEEE Transactions on Vehicular Technology, 2020, 69, 9921-9937.	6.3	7
21	Power-Efficient Data Collection Scheme for AUV-Assisted Magnetic Induction and Acoustic Hybrid Internet of Underwater Things. IEEE Internet of Things Journal, 2022, 9, 11675-11684.	8.7	6
22	Economic-Robust Session Based Spectrum Trading in Multi-Hop Cognitive Radio Networks. , 2015, , .		5
23	Collaborative Spectrum Trading and Sharing for Cognitive Radio Networks. , 2019, , 931-968.		4
24	Optimal Transportation Network Company Vehicle Dispatching via Deep Deterministic Policy Gradient. Lecture Notes in Computer Science, 2019, , 297-309.	1.3	4
25	A Cost-Efficient Skipping Based Spectrum Sensing Scheme Via Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2022, 71, 2220-2224.	6.3	4
26	An Efficient Content Popularity Prediction of Privacy Preserving Based on Federated Learning and Wasserstein GAN. IEEE Internet of Things Journal, 2023, 10, 3786-3798.	8.7	4
27	Data-Driven Service Provisioning over Shared Spectrums with Statistical QoS Guarantee. , 2019, , .		3
28	Trading Based Service-Oriented Spectrum-Aware RAN-Slicing Under Spectrum Sharing. , 2020, , .		3
29	A Proactive Joint Strategy on Trajectory and Caching for UAV-Assisted Networks: A Data-Driven Distributionally Robust Approach. , 2021, , .		3
30	Mitigating Traffic Analysis Attack in Smartphones with Edge Network Assistance. , 2018, , .		2
31	Probabilistic Data Prefetching for Data Transportation in Smart Cities. IEEE Internet of Things Journal, 2022, 9, 1655-1666.	8.7	2
32	Collaborative Spectrum Trading and Sharing for Cognitive Radio Networks. , 2017, , 1-38.		1
33	A Joint Strategy for CUAV-based Traffic Offloading via Deep Reinforcement Learning. , 2021, , .		1
34	Economic-Robust Session Based Spectrum Trading in Multi-Hop Cognitive Radio Networks. , 2014, , .		0
35	Collaborative Spectrum Trading and Sharing for Cognitive Radio Networks. , 2017, , 1-38.		0
36	Traffic Off-Loading over Uncertain Shared Spectrums with End-to-End Session Guarantee. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
37	Proactive Dynamic Spectrum Sharing for URLLC Services Under Uncertain Environment via Deep Reinforcement Learning. , 2022, , .		0