

Changyan Yi

List of Publications by Year in descending order

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42
papers

961
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471509

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all docs

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42
times ranked

872
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multi-User Mobile Computation Offloading and Transmission Scheduling Mechanism for Delay-Sensitive Applications. IEEE Transactions on Mobile Computing, 2020, 19, 29-43.	5.8	138
2	Two-Stage Spectrum Sharing With Combinatorial Auction and Stackelberg Game in Recall-Based Cognitive Radio Networks. IEEE Transactions on Communications, 2014, 62, 3740-3752.	7.8	74
3	An Incentive Mechanism Integrating Joint Power, Channel and Link Management for Social-Aware D2D Content Sharing and Proactive Caching. IEEE Transactions on Mobile Computing, 2018, 17, 789-802.	5.8	68
4	Energy Consumption Minimization in UAV-Assisted Mobile-Edge Computing Systems: Joint Resource Allocation and Trajectory Design. IEEE Internet of Things Journal, 2021, 8, 8570-8584.	8.7	68
5	Multi-Item Spectrum Auction for Recall-Based Cognitive Radio Networks With Multiple Heterogeneous Secondary Users. IEEE Transactions on Vehicular Technology, 2015, 64, 781-792.	6.3	49
6	Joint Resource Allocation for Device-to-Device Communication Assisted Fog Computing. IEEE Transactions on Mobile Computing, 2021, 20, 1076-1091.	5.8	49
7	A Truthful Mechanism for Scheduling Delay-Constrained Wireless Transmissions in IoT-Based Healthcare Networks. IEEE Transactions on Wireless Communications, 2019, 18, 912-925.	9.2	47
8	An Improved Coalition Game Approach for MIMO-NOMA Clustering Integrating Beamforming and Power Allocation. IEEE Transactions on Vehicular Technology, 2019, 68, 1672-1687.	6.3	40
9	An Incentive-Compatible Mechanism for Transmission Scheduling of Delay-Sensitive Medical Packets in E-Health Networks. IEEE Transactions on Mobile Computing, 2016, 15, 2424-2436.	5.8	38
10	Joint Beamforming, Power, and Channel Allocation in Multiuser and Multichannel Underlay MISO Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 3349-3359.	6.3	37
11	Transmission Management of Delay-Sensitive Medical Packets in Beyond Wireless Body Area Networks: A Queueing Game Approach. IEEE Transactions on Mobile Computing, 2018, 17, 2209-2222.	5.8	33
12	Spectrum Auction for Differential Secondary Wireless Service Provisioning With Time-Dependent Valuation Information. IEEE Transactions on Wireless Communications, 2017, 16, 206-220.	9.2	31
13	Ascending-Price Progressive Spectrum Auction for Cognitive Radio Networks With Power-Constrained Multiradio Secondary Users. IEEE Transactions on Vehicular Technology, 2018, 67, 781-794.	6.3	30
14	Applications of Auction and Mechanism Design in Edge Computing: A Survey. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1034-1058.	7.9	27
15	A Priority-Aware Truthful Mechanism for Supporting Multi-Class Delay-Sensitive Medical Packet Transmissions in E-Health Networks. IEEE Transactions on Mobile Computing, 2017, 16, 2422-2435.	5.8	25
16	Combinatorial spectrum auction with multiple heterogeneous sellers in cognitive radio networks. , 2014, , .		23
17	Priority-aware pricing-based capacity sharing scheme for beyond-wireless body area networks. Computer Networks, 2016, 98, 29-43.	5.1	23
18	A Queueing Game Based Management Framework for Fog Computing With Strategic Computing Speed Control. IEEE Transactions on Mobile Computing, 2022, 21, 1537-1551.	5.8	21

#	ARTICLE	IF	CITATIONS
19	Workload Re-Allocation for Edge Computing With Server Collaboration: A Cooperative Queueing Game Approach. IEEE Transactions on Mobile Computing, 2023, 22, 3095-3111.	5.8	18
20	A Sequential Posted Price Mechanism for D2D Content Sharing Communications. , 2016, , .		17
21	Online spectrum auction in cognitive radio networks with uncertain activities of primary users. , 2015, , .		13
22	Delay-Dependent Priority-Aware Transmission Scheduling for E-Health Networks: A Mechanism Design Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 6997-7010.	6.3	13
23	Joint Online Optimization of Data Sampling Rate and Preprocessing Mode for Edge-Cloud Collaboration-Enabled Industrial IoT. IEEE Internet of Things Journal, 2022, 9, 16402-16417.	8.7	13
24	OPNET-based modeling and simulation of mobile Zigbee sensor networks. Peer-to-Peer Networking and Applications, 2016, 9, 414-423.	3.9	10
25	Decoupled Uplink-Downlink Association in Full-Duplex Cellular Networks: A Contract-Theory Approach. IEEE Transactions on Mobile Computing, 2022, 21, 911-925.	5.8	9
26	Multi-objective Mobile Charging Scheduling on the Internet of Electric Vehicles: a DRL Approach. , 2021, , .		9
27	Queueing analysis for medical data transmissions with delay-dependent packet priorities in WBANs. , 2016, , .		8
28	A Truthful Mechanism for Prioritized Medical Packet Transmissions in Beyond-WBANs. , 2016, , .		4
29	Blockchain-Based Privacy-Preserving Dynamic Spectrum Sharing. Lecture Notes in Computer Science, 2020, , 444-456.	1.3	4
30	A Computation Offloading Game for Jointly Managing Local Pre-Processing Time-Length and Priority Selection in Edge Computing. IEEE Transactions on Vehicular Technology, 2022, 71, 9868-9883.	6.3	4
31	A Truthful Mechanism for Delay-Dependent Prioritized Medical Packet Transmission Scheduling. , 2018, , .		3
32	A Queueing Game Approach for Fog Computing with Strategic Computing Speed Control. , 2019, , .		3
33	Market-Driven Spectrum Sharing in Cognitive Radio. Springer Briefs in Electrical and Computer Engineering, 2016, , .	0.5	3
34	Computation Offloading Game for Edge Computing with Strategic Local Pre-Processing Time-Length. , 2020, , .		3
35	Computation Resource Configuration for Vehicular Edge Computing: A Fluid-Model Based Approach. , 2021, , .		2
36	Computation Resource Configuration With Adaptive QoS Requirements for Vehicular Edge Computing: A Fluid-Model Based Approach. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21148-21162.	8.0	2

#	ARTICLE	IF	CITATIONS
37	Fundamentals of Mechanism Design. Springer Briefs in Electrical and Computer Engineering, 2016, , 17-34.	0.5	1
38	Coded Distributed Computing With Predictive Heterogeneous User Demands: A Learning Auction Approach. IEEE Journal on Selected Areas in Communications, 2022, 40, 2426-2439.	14.0	1
39	Vehicular Path Planning for Balancing Traffic Congestion Cost and Fog Computing Reward: A Routing Game Approach. Lecture Notes in Computer Science, 2021, , 366-377.	1.3	0
40	Two-Stage Spectrum Sharing Mechanism. Springer Briefs in Electrical and Computer Engineering, 2016, , 59-84.	0.5	0
41	Online Spectrum Allocation Mechanism. Springer Briefs in Electrical and Computer Engineering, 2016, , 85-97.	0.5	0
42	Recall-Based Spectrum Auction Mechanism. Springer Briefs in Electrical and Computer Engineering, 2016, , 35-57.	0.5	0