

Changyan Yi

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

961
citations

471509
17
h-index

501196
28
g-index

42
all docs

42
docs citations

42
times ranked

872
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Joint Resource Allocation for Device-to-Device Communication Assisted Fog Computing. IEEE Transactions on Mobile Computing, 2021, 20, 1076-1091. | 5.8 | 49 |
| 10 | 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 |
| 11 | 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 |
| 12 | Computation Resource Configuration for Vehicular Edge Computing: A Fluid-Model Based Approach. , 2021, , . | | 2 |
| 13 | Multi-objective Mobile Charging Scheduling on the Internet of Electric Vehicles: a DRL Approach. , 2021, , . | | 9 |
| 14 | 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 |
| 15 | Blockchain-Based Privacy-Preserving Dynamic Spectrum Sharing. Lecture Notes in Computer Science, 2020, , 444-456. | 1.3 | 4 |
| 16 | Computation Offloading Game for Edge Computing with Strategic Local Pre-Processing Time-Length. , 2020, , . | | 3 |
| 17 | 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 |
| 18 | A Queueing Game Approach for Fog Computing with Strategic Computing Speed Control. , 2019, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | A Truthful Mechanism for Delay-Dependent Prioritized Medical Packet Transmission Scheduling. , 2018, , . | | 3 |
| 25 | 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 |
| 26 | 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 |
| 27 | A Truthful Mechanism for Prioritized Medical Packet Transmissions in Beyond-WBANs. , 2016, , . | | 4 |
| 28 | A Sequential Posted Price Mechanism for D2D Content Sharing Communications. , 2016, , . | | 17 |
| 29 | Queueing analysis for medical data transmissions with delay-dependent packet priorities in WBANs. , 2016, , . | | 8 |
| 30 | 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 |
| 31 | 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 |
| 32 | Priority-aware pricing-based capacity sharing scheme for beyond-wireless body area networks. Computer Networks, 2016, 98, 29-43. | 5.1 | 23 |
| 33 | OPNET-based modeling and simulation of mobile Zigbee sensor networks. Peer-to-Peer Networking and Applications, 2016, 9, 414-423. | 3.9 | 10 |
| 34 | Fundamentals of Mechanism Design. Springer Briefs in Electrical and Computer Engineering, 2016, , 17-34. | 0.5 | 1 |
| 35 | Two-Stage Spectrum Sharing Mechanism. Springer Briefs in Electrical and Computer Engineering, 2016, , 59-84. | 0.5 | 0 |
| 36 | Online Spectrum Allocation Mechanism. Springer Briefs in Electrical and Computer Engineering, 2016, , 85-97. | 0.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Market-Driven Spectrum Sharing in Cognitive Radio. Springer Briefs in Electrical and Computer Engineering, 2016, , . | 0.5 | 3 |
| 38 | Recall-Based Spectrum Auction Mechanism. Springer Briefs in Electrical and Computer Engineering, 2016, , 35-57. | 0.5 | 0 |
| 39 | Online spectrum auction in cognitive radio networks with uncertain activities of primary users. , 2015, , . | | 13 |
| 40 | 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 |
| 41 | Combinatorial spectrum auction with multiple heterogeneous sellers in cognitive radio networks. , 2014, , . | | 23 |
| 42 | 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 |