

Yuguang Fang

List of Publications by Year in descending order

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523
papers

16,014
citations

17440

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34986

98
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527
docs citations

527
times ranked

9665
citing authors

| # | ARTICLE | IF | CITATIONS |
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| 1 | Secure Transmission by Leveraging Multiple Intelligent Reflecting Surfaces in MISO Systems. IEEE Transactions on Mobile Computing, 2023, 22, 2387-2401. | 5.8 | 13 |
| 2 | Privacy Preservation in Multi-Cloud Secure Data Fusion for Infectious-Disease Analysis. IEEE Transactions on Mobile Computing, 2023, 22, 4212-4222. | 5.8 | 4 |
| 3 | Probabilistic Data Prefetching for Data Transportation in Smart Cities. IEEE Internet of Things Journal, 2022, 9, 1655-1666. | 8.7 | 2 |
| 4 | FVC-Dedup: A Secure Report Deduplication Scheme in a Fog-Assisted Vehicular Crowdsensing System. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2727-2740. | 5.4 | 5 |
| 5 | Throughput Maximization for Multiedge Multiuser Edge Computing Systems. IEEE Internet of Things Journal, 2022, 9, 68-79. | 8.7 | 15 |
| 6 | Beyond Class-Level Privacy Leakage: Breaking Record-Level Privacy in Federated Learning. IEEE Internet of Things Journal, 2022, 9, 2555-2565. | 8.7 | 11 |
| 7 | Adaptive Scheduling for Joint Communication and Radar Detection: Tradeoff Among Throughput, Delay, and Detection Performance. IEEE Transactions on Vehicular Technology, 2022, 71, 670-680. | 6.3 | 4 |
| 8 | A Blockchain-Based Human-to-Infrastructure Contact Tracing Approach for COVID-19. IEEE Internet of Things Journal, 2022, 9, 12836-12847. | 8.7 | 5 |
| 9 | Hierarchical Multiple Access for Spectrum-Energy Opportunistic Ambient Backscatter Wireless Networks. IEEE Transactions on Mobile Computing, 2022, , 1-1. | 5.8 | 1 |
| 10 | From Resource Auction to Service Auction: An Auction Paradigm Shift in Wireless Networks. IEEE Wireless Communications, 2022, 29, 185-191. | 9.0 | 4 |
| 11 | Actions at the Edge: Jointly Optimizing the Resources in Multi-Access Edge Computing. IEEE Wireless Communications, 2022, 29, 192-198. | 9.0 | 15 |
| 12 | Federated Learning Over Multihop Wireless Networks With In-Network Aggregation. IEEE Transactions on Wireless Communications, 2022, 21, 4622-4634. | 9.2 | 11 |
| 13 | End-to-End Service Auction: A General Double Auction Mechanism for Edge Computing Services. IEEE/ACM Transactions on Networking, 2022, 30, 2616-2629. | 3.8 | 2 |
| 14 | KF-LSTM Based Beam Tracking for UAV-Assisted mmWave HSR Wireless Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 10796-10807. | 6.3 | 2 |
| 15 | Cooperative Beamforming Design for Multiple RIS-Assisted Communication Systems. IEEE Transactions on Wireless Communications, 2022, 21, 10949-10963. | 9.2 | 7 |
| 16 | Optimizing Superframe and Data Buffer to Achieve Maximum Throughput for 802.15.4-Based Energy Harvesting Wireless Sensor Networks. IEEE Internet of Things Journal, 2021, 8, 3689-3704. | 8.7 | 5 |
| 17 | Optimizing IoT Energy Efficiency on Edge (EEE): A Cross-Layer Design in a Cognitive Mesh Network. IEEE Transactions on Wireless Communications, 2021, 20, 2472-2486. | 9.2 | 4 |
| 18 | A Conditional Privacy Protection Scheme Based on Ring Signcryption for Vehicular <i>Ad Hoc</i> Networks. IEEE Internet of Things Journal, 2021, 8, 647-656. | 8.7 | 34 |

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| 20 | Age-Stratified COVID-19 Spread Analysis and Vaccination: A Multitype Random Network Approach. IEEE Transactions on Network Science and Engineering, 2021, 8, 1862-1872. | 6.4 | 13 |
| 21 | Joint Beamforming and Reflecting Design in Reconfigurable Intelligent Surface-Aided Multi-User Communication Systems. IEEE Transactions on Wireless Communications, 2021, 20, 3269-3283. | 9.2 | 35 |
| 22 | Weak Signal Detection in 5G+ Systems. , 2021, , . | | 1 |
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| 30 | System Error Prediction for Business Support Systems in Telecommunications Networks. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 2723-2733. | 5.6 | 4 |
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| 47 | Offloading Optimization and Bottleneck Analysis for Mobile Cloud Computing. IEEE Transactions on Communications, 2019, 67, 6153-6167. | 7.8 | 22 |
| 48 | 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 |
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| 53 | SPATH: Finding the Safest Walking Path in Smart Cities. IEEE Transactions on Vehicular Technology, 2019, 68, 7071-7079. | 6.3 | 13 |
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