# Huaqing Wu

List of Publications by Year
in descending order

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|---|---|---|---|
| 42 papers | 1,016 citations | 567281<br>15 h-index | 642732<br>23 g-index |
| 45 all docs | 45 docs citations | 45 times ranked | 912 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | A Comprehensive Simulation Platform for Space-Air-Ground Integrated Network. IEEE Wireless Communications, 2020, 27, 178-185. | 9.0 | 110 |
| 2 | Optimal UAV Caching and Trajectory in Aerial-Assisted Vehicular Networks: A Learning-Based Approach. IEEE Journal on Selected Areas in Communications, 2020, 38, 2783-2797. | 14.0 | 107 |
| 3 | Fast Pairing of Device-to-Device Link Underlay for Spectrum Sharing With Cellular Users. IEEE Communications Letters, 2014, 18, 1803-1806. | 4.1 | 105 |
| 4 | Hypergraph-Based Wireless Distributed Storage Optimization for Cellular D2D Underlays. IEEE Journal on Selected Areas in Communications, 2016, 34, 2650-2666. | 14.0 | 80 |
| 5 | Cooperative Edge Caching With Location-Based and Popular Contents for Vehicular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 10291-10305. | 6.3 | 62 |
| 6 | Multi-Hop Cooperative Caching in Social IoT Using Matching Theory. IEEE Transactions on Wireless Communications, 2018, 17, 2127-2145. | 9.2 | 59 |
| 7 | AUCTION: Automated and Quality-Aware Client Selection Framework for Efficient Federated Learning. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1996-2009. | 5.6 | 58 |
| 8 | Wireless Distributed Storage in Socially Enabled D2D Communications. IEEE Access, 2016, 4, 1971-1984. | 4.2 | 54 |
| 9 | Resource Management in Space-Air-Ground Integrated Vehicular Networks: SDN Control and AI Algorithm Design. IEEE Wireless Communications, 2020, 27, 52-60. | 9.0 | 52 |
| 10 | Delay-Minimized Edge Caching in Heterogeneous Vehicular Networks: A Matching-Based Approach. IEEE Transactions on Wireless Communications, 2020, 19, 6409-6424. | 9.2 | 44 |
| 11 | Cost-Aware Dynamic SFC Mapping and Scheduling in SDN/NFV-Enabled Space–Air–Ground-Integrated Networks for Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 5824-5838. | 8.7 | 42 |
| 12 | Drone-Cell Trajectory Planning and Resource Allocation for Highly Mobile Networks: A Hierarchical DRL Approach. IEEE Internet of Things Journal, 2021, 8, 9800-9813. | 8.7 | 34 |
| 13 | Service-Oriented Dynamic Resource Slicing and Optimization for Space-Air-Ground Integrated Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7469-7483. | 8.0 | 30 |
| 14 | Age-of-Information Aware Scheduling for Edge-Assisted Industrial Wireless Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 5562-5571. | 11.3 | 30 |
| 15 | Jamming partner selection for maximising the worst D2D secrecy rate based on social trust. Transactions on Emerging Telecommunications Technologies, 2017, 28, e2992. | 3.9 | 18 |
| 16 | Resource allocation for wireless caching in socially-enabled D2D communications. , 2016, , . | | 16 |
| 17 | Socially Driven Joint Optimization of Communication, Caching, and Computing Resources in Vehicular Networks. IEEE Transactions on Wireless Communications, 2022, 21, 461-476. | 9.2 | 14 |
| 18 | Matching-Based Content Caching in Heterogeneous Vehicular Networks. , 2018, , . | | 13 |

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|---|---------|----|-----------|
| 19 | Joint Cache Placement and Cooperative Multicast Beamforming in Integrated Satellite-Terrestrial Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 3131-3143. | 6.3 | 10 |
| 20 | ViFi: Vehicle-to-Vehicle Assisted Traffic Offloading via Roadside WiFi Networks. , 2018, , . | | 9 |
| 21 | Online UAV Scheduling Towards Throughput QoS Guarantee for Dynamic IoVs. , 2019, , . | | 9 |
| 22 | Joint Caching and Trajectory Design for Cache-Enabled UAV in Vehicular Networks. , 2019, , . | | 9 |
| 23 | Secrecy-Oriented Resource Sharing for Cellular Device-to-Device Underlay. , 2015, , . | | 8 |
| 24 | Resource Allocation with Cooperative Jamming in Socially Interactive Secure D2D Underlay. , 2016, , . | | 6 |
| 25 | Joint Cache Placement and Content Delivery in Satellite-Terrestrial Integrated C-RANs. , 2021, , . | | 6 |
| 26 | Performance Analysis for Wireless Distributed Storage via D2D Links. , 2016, , . | | 4 |
| 27 | Edge-Assisted Spectrum Sharing for Freshness-Aware Industrial Wireless Networks: A Learning-Based Approach. IEEE Transactions on Wireless Communications, 2022, 21, 7737-7752. | 9.2 | 4 |
| 28 | Dynamic Resource Matching for Socially Cooperative Caching in IoT Networking. , 2017, , . | | 3 |
| 29 | Multi-Dimensional Resource Allocation for Diverse Safety Message Transmissions in Vehicular Networks. , 2021, , . | | 3 |
| 30 | Adaptive Resource Allocation for Diverse Safety Message Transmissions in Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13482-13497. | 8.0 | 3 |
| 31 | Real-Time Search-Driven Caching for Sensing Data in Vehicular Networks. IEEE Internet of Things Journal, 2022, 9, 12219-12230. | 8.7 | 3 |
| 32 | Efficient and Anonymous Authentication With Succinct Multi-Subscription Credential in SAGVN. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2863-2873. | 8.0 | 3 |
| 33 | Cooperative Edge-Cloud Caching for Real-time Sensing Big Data Search in Vehicular Networks. , 2021, , . | | 2 |
| 34 | Dynamic Spectrum Control-Assisted Secure and Efficient Transmission Scheme in Heterogeneous Cellular Networks. Engineering, 2022, 17, 220-231. | 6.7 | 2 |
| 35 | Tradeoff of Content Sharing Efficiency and Secure Transmission in Coded Caching Systems. , 2018, , . | | 1 |
| 36 | Load- and Mobility-Aware Cooperative Content Delivery in SAG Integrated Vehicular Networks. , 2021, , . | | 1 |

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|---|---------|----|-----------| 
| 37 | Optimal UAV Caching and Trajectory Design in the AGVN. SpringerBriefs in Computer Science, 2022, , 61-88. | 0.2 | 1 |
| 38 | Dynamic Spectrum Slicing and Optimization in SAG Integrated Vehicular Networks. , 2020, , . | | 1 |
| 39 | Secrecy-Oriented Resource Sharing for Cellular Device-to-Device Underlay. , 2014, , . | | 0 |
| 40 | Hypergraph based three-dimensional matching in wireless distributed storage over D2D links. , 2016, , . | | 0 |
| 41 | Throughput Analysis with Dynamic Spectrum Access Control in Space-Air-Ground Integrated Networks. , 2021, , . | | 0 |
| 42 | Delay-Minimized Mobile Edge Caching in the Terrestrial HetVNet. SpringerBriefs in Computer Science, 2022, , 35-59. | 0.2 | 0 |