

Kaishun Wu

List of Publications by Year in descending order

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Version: 2024-02-01

229
papers

6,329
citations

147801

31
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118850

62
g-index

236
all docs

236
docs citations

236
times ranked

5232
citing authors

| # | ARTICLE | IF | CITATIONS |
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| 1 | A Portable and Convenient System for Unknown Liquid Identification With Smartphone Vibration. IEEE Transactions on Mobile Computing, 2023, 22, 1894-1911. | 5.8 | 4 |
| 2 | Sharing-Aware Task Offloading of Remote Rendering for Interactive Applications in Mobile Edge Computing. IEEE Transactions on Cloud Computing, 2023, 11, 997-1010. | 4.4 | 2 |
| 3 | Towards Robust Task Assignment in Mobile Crowdsensing Systems. IEEE Transactions on Mobile Computing, 2023, 22, 4297-4313. | 5.8 | 4 |
| 4 | Energy-Efficient Multiprocessor-Based Computation and Communication Resource Allocation in Two-Tier Federated Learning Networks. IEEE Internet of Things Journal, 2023, 10, 5689-5703. | 8.7 | 9 |
| 5 | Combatting Energy Issues for Mobile Applications. ACM Transactions on Software Engineering and Methodology, 2023, 32, 1-44. | 6.0 | 1 |
| 6 | Anti-Jamming Strategy for Federated Learning in Internet of Medical Things: A Game Approach. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 888-899. | 6.3 | 4 |
| 7 | Outage and capacity analysis of NOMA systems over dual-hop mixed powerline-wireless channels. ICT Express, 2023, 9, 601-607. | 4.8 | 2 |
| 8 | Smartphone Addiction among Students and its Harmful Effects on Mental Health, Oxidative Stress, and Neurodegeneration towards Future Modulation of Anti-Addiction Therapies: A Comprehensive Survey based on SLR, Research Questions, and Network Visualization Techniques. CNS and Neurological Disorders - Drug Targets, 2023, 22, 1070-1089. | 1.4 | 11 |
| 9 | Cleaning Uncertain Data With Crowdsourcing - A General Model With Diverse Accuracy Rates. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 3629-3642. | 5.7 | 2 |
| 10 | Backscatter Wireless Communications and Sensing in Green Internet of Things. IEEE Transactions on Green Communications and Networking, 2022, 6, 37-55. | 5.5 | 33 |
| 11 | Adversarial Caching Training: Unsupervised Inductive Network Representation Learning on Large-Scale Graphs. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7079-7090. | 11.3 | 13 |
| 12 | Self-Training Enhanced: Network Embedding and Overlapping Community Detection With Adversarial Learning. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6737-6748. | 11.3 | 12 |
| 13 | Cross-Technology Communication for Heterogeneous Wireless Devices Through Symbol-Level Energy Modulation. IEEE Transactions on Mobile Computing, 2022, 21, 3926-3940. | 5.8 | 7 |
| 14 | Leveraging Machine Learning for Millimeter Wave Beamforming in Beyond 5G Networks. IEEE Systems Journal, 2022, 16, 1739-1750. | 4.6 | 16 |
| 15 | Enhancing Secrecy Performance of Cooperative NOMA-Based IoT Networks via Multiantenna-Aided Artificial Noise. IEEE Internet of Things Journal, 2022, 9, 5108-5127. | 8.7 | 14 |
| 16 | Application of Neural Networks for Dynamic Modeling of an Environmental-Aware Underwater Acoustic Positioning System Using Seawater Physical Properties. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 3.1 | 3 |
| 17 | <i>mT-Share</i>: A Mobility-Aware Dynamic Taxi Ridesharing System. IEEE Internet of Things Journal, 2022, 9, 182-198. | 8.7 | 7 |
| 18 | Aiding a Disaster Spot via Multi-UAV-Based IoT Networks: Energy and Mission Completion Time-Aware Trajectory Optimization. IEEE Internet of Things Journal, 2022, 9, 5853-5867. | 8.7 | 20 |

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| 19 | Context-Aware Taxi Dispatching at City-Scale Using Deep Reinforcement Learning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1996-2009. | 8.0 | 29 |
| 20 | Spectrum Sharing in Cognitive-Radio-Inspired NOMA Systems Under Imperfect SIC and Cochannel Interference. IEEE Systems Journal, 2022, 16, 1540-1547. | 4.6 | 15 |
| 21 | Meta-Path Based Neighbors for Behavioral Target Generalization in Sequential Recommendation. IEEE Transactions on Network Science and Engineering, 2022, 9, 1658-1667. | 6.4 | 14 |
| 22 | Performance of NOMA-Based Dual-Hop Hybrid Powerline-Wireless Communication Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 6548-6558. | 6.3 | 16 |
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| 24 | Delay performance of priority-queue equipped UAV-based mobile relay networks: Exploring the impact of trajectories. Computer Networks, 2022, 210, 108856. | 5.1 | 1 |
| 25 | QoS-Aware Scheduling of Remote Rendering for Interactive Multimedia Applications in Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 3816-3832. | 5.6 | 1 |
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| 29 | Survey on Issues and Recent Advances in Vehicular Public-Key Infrastructure (VPKI). IEEE Communications Surveys and Tutorials, 2022, 24, 1574-1601. | 39.4 | 24 |
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| 31 | EchoWrite 2.0: A Lightweight Zero-Shot Text-Entry System Based on Acoustics. IEEE Transactions on Human-Machine Systems, 2022, 52, 1313-1326. | 3.5 | 1 |
| 32 | A Trajectory-Based Gesture Recognition in Smart Homes Based on the Ultrawideband Communication System. IEEE Internet of Things Journal, 2022, 9, 22861-22873. | 8.7 | 6 |
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| 36 | Spatial Modulation for RIS-Assisted Uplink Communication: Joint Power Allocation and Passive Beamforming Design. IEEE Transactions on Communications, 2021, 69, 7017-7031. | 7.8 | 21 |

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| 37 | Leveraging Machine-Learning for D2D Communications in 5G/Beyond 5G Networks. Electronics (Switzerland), 2021, 10, 169. | 3.1 | 26 |
| 38 | Where To: Crowd-Aided Path Selection by Selective Bayesian Network. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1. | 5.7 | 1 |
| 39 | A Dynamic Correlation Modeling Based Traffic Monitoring Approach. SpringerBriefs in Computer Science, 2021, , 31-47. | 0.2 | 0 |
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| 51 | Binarized neural network for edge intelligence of sensor-based human activity recognition. IEEE Transactions on Mobile Computing, 2021, , 1-1. | 5.8 | 14 |
| 52 | Interpretable Pneumonia Detection by Combining Deep Learning and Explainable Models With Multisource Data. IEEE Access, 2021, 9, 95872-95883. | 4.2 | 18 |
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| 56 | Physical-Layer Security for Ambient Backscattering Internet-of-Things. Internet of Things, 2021, , 25-37. | 1.7 | 4 |
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| 64 | A Low Latency On-Body Typing System through Single Vibration Sensor. IEEE Transactions on Mobile Computing, 2020, 19, 2520-2532. | 5.8 | 12 |
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| 115 | D2D Communication for Enabling Internet-of-Things: Outage Probability Analysis. IEEE Transactions on Vehicular Technology, 2019, 68, 2332-2345. | 6.3 | 35 |
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| 132 | A Novel Finger-Assisted Touch-free Text Input System Without Training. , 2018, , . | | 2 |
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| 136 | Urban Traffic Prediction from Mobility Data Using Deep Learning. IEEE Network, 2018, 32, 40-46. | 6.9 | 113 |
| 137 | Throughput Maximization for Laser-Powered UAV Wireless Communication Systems. , 2018, , . | | 48 |
| 138 | ViType: A Cost Efficient On-Body Typing System through Vibration. , 2018, , . | | 24 |
| 139 | On Exploiting Concurrent Transmissions Through Discernible Interference Cancellation. IEEE Transactions on Vehicular Technology, 2018, 67, 9370-9384. | 6.3 | 0 |
| 140 | Software-Defined Architectures and Technologies for Underwater Wireless Sensor Networks: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 2855-2888. | 39.4 | 92 |
| 141 | Wideband Spectrum Adaptation Without Coordination. IEEE Transactions on Mobile Computing, 2017, 16, 243-256. | 5.8 | 11 |
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| 158 | Exploring Smart Pilot for Wireless Rate Adaptation. IEEE Transactions on Wireless Communications, 2016, 15, 4571-4582. | 9.2 | 20 |
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| 162 | We Can Hear You with Wi-Fi!. IEEE Transactions on Mobile Computing, 2016, 15, 2907-2920. | 5.8 | 207 |

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| 183 | Sensor-free corner shape detection by wireless networks. , 2014, , . | | 1 |
| 184 | DCEP: Data Collection Strategy with the Estimated Paths in Ocean Delay Tolerant Network. International Journal of Distributed Sensor Networks, 2014, 10, 518439. | 2.2 | 7 |
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| 186 | TiM: Fine-Grained Rate Adaptation in WLANs. , 2014, , . | | 5 |
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