# Yi Zhou

List of Publications by Year
in descending order

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|---|---|---|---|
| 22 papers | 731 citations | 1162367 8 h-index | 1281420 11 g-index |
| 22 all docs | 22 docs citations | 22 times ranked | 1118 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Air-Ground Integrated Mobile Edge Networks: Architecture, Challenges, and Opportunities. IEEE Communications Magazine, 2018, 56, 26-32. | 4.9 | 262 |
| 2 | Multi-UAV-Aided Networks: Aerial-Ground Cooperative Vehicular Networking Architecture. IEEE Vehicular Technology Magazine, 2015, 10, 36-44. | 2.8 | 255 |
| 3 | Performance Analysis of Vehicular Device-to-Device Underlay Communication. IEEE Transactions on Vehicular Technology, 2017, 66, 5409-5421. | 3.9 | 93 |
| 4 | Joint Communication and Control for Small Underactuated USV Based on Mobile Computing Technology. IEEE Access, 2019, 7, 160610-160622. | 2.6 | 23 |
| 5 | A Fuzzy-Rule Based Data Delivery Scheme in VANETs with Intelligent Speed Prediction and Relay Selection. Wireless Communications and Mobile Computing, 2018, 2018, 1-15. | 0.8 | 17 |
| 6 | Planning While Flying: A Measurement-Aided Dynamic Planning of Drone Small Cells. IEEE Internet of Things Journal, 2019, 6, 2693-2705. | 5.5 | 15 |
| 7 | QoE-Driven Adaptive Deployment Strategy of Multi-UAV Networks Based on Hybrid Deep Reinforcement Learning. IEEE Internet of Things Journal, 2022, 9, 5868-5881. | 5.5 | 12 |
| 8 | Security in edge-assisted Internet of Things: challenges and solutions. Science China Information Sciences, 2020, 63, 1. | 2.7 | 11 |
| 9 | Virtual-Grid Based Traffic Control Strategy With Multiple Intersections Collaboration. IEEE Access, 2018, 6, 40105-40119. | 2.6 | 8 |
| 10 | Predictive Task Migration Modeling in Software Defined Vehicular Networks. , 2019, , . | | 7 |
| 11 | Coverage-maximization and Energy-efficient Drone Small Cell Deployment in Aerial-Ground Collaborative Vehicular Networks. , 2019, , . | | 6 |
| 12 | A Lightweight Cross-Layer Cooperative Testbed for Evaluation of Connected Vehicles. , 2015, , . | | 4 |
| 13 | UAV-Aided Data Delivery Scheme Based on Opportunistic Virtual Intersections for Smart Transportation Networks. Journal of Advanced Transportation, 2019, 2019, 1-11. | 0.9 | 4 |
| 14 | A Time-Efficient and Attention-Aware Deployment Strategy for UAV Networks Driven by Deep Reinforcement Learning. , 2021, , . | | 4 |
| 15 | Demo: The multi-agent based evaluation of connected vehicle systems. , 2014, , . | | 2 |
| 16 | Adaptive Deployment of UAV-Aided Networks Based on Hybrid Deep Reinforcement Learning. , 2020, , . | | 2 |
| 17 | SA-SGAN: A Vehicle Trajectory Prediction Model Based on Generative Adversarial Networks. , 2021, , . | | 2 |
| 18 | EV-Road-Grid: Enabling Optimal Electric Vehicle Charging Path Considering Wireless Charging and Dynamic Energy Consumption. , 2021, , . | | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Design cooperative awareness nodes using SOPC in smart multimedia sensor networks. Mobile Networks and Applications, 2013, 18, 513-520. | 2.2 | 1 |
| 20 | Smart Cyber Forensics of Rear-End Collision based on Multi-Access Edge Computing. , 2019, , . |  | 1 |
| 21 | SOPC-based cooperative awareness nodes in smart multimedia sensor networks. , 2012, , . |  | 0 |
| 22 | Evaluation of Cascaded Multi-Keyhole Channels in Cooperative Diversity Wireless Communications. IEICE Transactions on Communications, 2013, E96.B, 223-232. | 0.4 | 0 |