

Ying He

List of Publications by Year in descending order

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31
papers

1,799
citations

516710

16
h-index

752698

20
g-index

31
all docs

31
docs citations

31
times ranked

2178
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | An Efficient Ciphertext-Policy Attribute-Based Encryption Scheme Supporting Collaborative Decryption With Blockchain. IEEE Internet of Things Journal, 2022, 9, 2722-2733. | 8.7 | 13 |
| 2 | Bift: A Blockchain-Based Federated Learning System for Connected and Autonomous Vehicles. IEEE Internet of Things Journal, 2022, 9, 12311-12322. | 8.7 | 27 |
| 3 | Efficient Resource Allocation for Multi-Beam Satellite-Terrestrial Vehicular Networks: A Multi-Agent Actor-Critic Method With Attention Mechanism. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2727-2738. | 8.0 | 15 |
| 4 | Meta-Hierarchical Reinforcement Learning (MHRL)-Based Dynamic Resource Allocation for Dynamic Vehicular Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 3495-3506. | 6.3 | 22 |
| 5 | Runtime Assurance of Learning-Based Lane Changing Control for Autonomous Driving Vehicles. Journal of Circuits, Systems and Computers, 2022, 31, . | 1.5 | 4 |
| 6 | When Multi-access Edge Computing Meets Multi-area Intelligent Reflecting Surface: A Multi-agent Reinforcement Learning Approach. , 2022, , . | | 0 |
| 7 | Multi-Constraint Deep Reinforcement Learning for Smooth Action Control. , 2022, , . | | 0 |
| 8 | Blockchain-Based Edge Computing Resource Allocation in IoT: A Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2021, 8, 2226-2237. | 8.7 | 93 |
| 9 | System Identification Based on Generalized Orthonormal Basis Function for Unmanned Helicopters: A Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 1135-1145. | 6.3 | 4 |
| 10 | Flexi-Compression: A Flexible Model Compression Method for Autonomous Driving. , 2021, , . | | 2 |
| 11 | A Fast-adaptive Edge Resource Allocation Strategy for Dynamic Vehicular Networks. , 2021, , . | | 2 |
| 12 | Resource Allocation in Vehicular Networks with Multi-UAV Served Edge Computing. , 2021, , . | | 1 |
| 13 | A Blockchain-Enabled Federated Learning System with Edge Computing for Vehicular Networks. , 2021, , . | | 1 |
| 14 | Trust-Based Social Networks with Computing, Caching and Communications: A Deep Reinforcement Learning Approach. IEEE Transactions on Network Science and Engineering, 2020, 7, 66-79. | 6.4 | 66 |
| 15 | Security and Privacy of Smart Cities: A Survey, Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2019, 21, 1718-1743. | 39.4 | 110 |
| 16 | Buffer-Aware Streaming in Small-Scale Wireless Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 6891-6902. | 6.3 | 24 |
| 17 | Integrated Networking, Caching, and Computing for Connected Vehicles: A Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2018, 67, 44-55. | 6.3 | 433 |
| 18 | Virtualization for Distributed Ledger Technology (vDLT). IEEE Access, 2018, 6, 25019-25028. | 4.2 | 99 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Integration of Networking, Caching, and Computing in Wireless Systems: A Survey, Some Research Issues, and Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 7-38. | 39.4 | 107 |
| 20 | Integrated Computing, Caching, and Communication for Trust-Based Social Networks: A Big Data DRL Approach. , 2018, , . | | 13 |
| 21 | Secure Social Networks in 5G Systems with Mobile Edge Computing, Caching, and Device-to-Device Communications. IEEE Wireless Communications, 2018, 25, 103-109. | 9.0 | 87 |
| 22 | Enhancing Video Rate Adaptation With Mobile Edge Computing and Caching in Software-Defined Mobile Networks. IEEE Transactions on Wireless Communications, 2018, 17, 7013-7026. | 9.2 | 38 |
| 23 | A Survey on Compressed Sensing in Vehicular Infotainment Systems. IEEE Communications Surveys and Tutorials, 2017, 19, 2662-2680. | 39.4 | 71 |
| 24 | Enhancing QoE-Aware Wireless Edge Caching With Software-Defined Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 6912-6925. | 9.2 | 62 |
| 25 | Deep-Reinforcement-Learning-Based Optimization for Cache-Enabled Opportunistic Interference Alignment Wireless Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 10433-10445. | 6.3 | 233 |
| 26 | Communication-Based Train Control System Performance Optimization Using Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2017, 66, 10705-10717. | 6.3 | 53 |
| 27 | Video Rate Adaptation and Traffic Engineering in Mobile Edge Computing and Caching-Enabled Wireless Networks. , 2017, , . | | 7 |
| 28 | Resource Allocation in Software-Defined and Information-Centric Vehicular Networks with Mobile Edge Computing. , 2017, , . | | 23 |
| 29 | Deep Reinforcement Learning (DRL)-based Resource Management in Software-Defined and Virtualized Vehicular Ad Hoc Networks. , 2017, , . | | 27 |
| 30 | A Big Data Deep Reinforcement Learning Approach to Next Generation Green Wireless Networks. , 2017, , . | | 22 |
| 31 | Big Data Analytics in Mobile Cellular Networks. IEEE Access, 2016, 4, 1985-1996. | 4.2 | 140 |