# Liang Qiao

## List of Publications by Year
in descending order

| 20 | 1,165 | 471061 | 794141 |
|---|---|---|---|
| papers | citations | 17 | 19 |
| | | h-index | g-index |

| 20 | 20 | 20 | 903 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 1 | Analysis of healthcare big data. Future Generation Computer Systems, 2020, 109, 103-110. | 4.9 | 182 |
| 2 | Deep belief network and linear perceptron based cognitive computing for collaborative robots. Applied Soft Computing Journal, 2020, 92, 106300. | 4.1 | 151 |
| 3 | Analysis of Using Blockchain to Protect the Privacy of Drone Big Data. IEEE Network, 2021, 35, 44-49. | 4.9 | 109 |
| 4 | Deep-Learning-Enabled Security Issues in the Internet of Things. IEEE Internet of Things Journal, 2021, 8, 9531-9538. | 5.5 | 105 |
| 5 | Advanced Machine-Learning Methods for Brain-Computer Interfacing. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1688-1698. | 1.9 | 80 |
| 6 | An Optimized Byzantine Fault Tolerance Algorithm for Consortium Blockchain. Peer-to-Peer Networking and Applications, 2021, 14, 2826-2839. | 2.6 | 72 |
| 7 | Big Data Analysis Technology for Electric Vehicle Networks in Smart Cities. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1807-1816. | 4.7 | 61 |
| 8 | 6G-Enabled Network in Box for Internet of Connected Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5275-5282. | 4.7 | 60 |
| 9 | A survey on 5G/6G, AI, and Robotics. Computers and Electrical Engineering, 2021, 95, 107372. | 3.0 | 58 |
| 10 | BlockNet: Beyond reliable spatial Digital Twins to Parallel Metaverse. Patterns, 2022, 3, 100468. | 3.1 | 54 |
| 11 | AI-empowered IoT Security for Smart Cities. ACM Transactions on Internet Technology, 2021, 21, 1-21. | 3.0 | 48 |
| 12 | Optimization of collaborative resource allocation for mobile edge computing. Computer Communications, 2020, 161, 19-27. | 3.1 | 40 |
| 13 | Fine-Grained Visual Computing Based on Deep Learning. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-19. | 3.0 | 29 |
| 14 | Advanced Machine Learning on Cognitive Computing for Human Behavior Analysis. IEEE Transactions on Computational Social Systems, 2021, 8, 1194-1202. | 3.2 | 27 |
| 15 | Analysis of the Security of Internet of Multimedia Things. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-16. | 3.0 | 25 |
| 16 | AI-enabled IoT-Edge Data Analytics for Connected Living. ACM Transactions on Internet Technology, 2021, 21, 1-20. | 3.0 | 22 |
| 17 | Can blockchain link the future?. Digital Communications and Networks, 2022, 8, 687-694. | 2.7 | 20 |
| 18 | Digital Twins-Based Automated Pilot for Energy-Efficiency Assessment of Intelligent Transportation Infrastructure. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22320-22330. | 4.7 | 11 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Edge intelligence based digital twins for internet of autonomous unmanned vehicles. Software - Practice and Experience, 0, , . | 2.5 | 6 |
| 20 | Cognitive Robotics on 5G Networks. ACM Transactions on Internet Technology, 2021, 21, 1-18. | 3.0 | 5 |