

# Guopeng Zhang

## List of Publications by Year in descending order

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26  
papers

524  
citations

1040056

9  
h-index

794594

19  
g-index

27  
all docs

27  
docs citations

27  
times ranked

621  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Joint Resources and Workflow Scheduling in UAV-Enabled Wirelessly-Powered MEC for IoT Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 10187-10200.            | 6.3 | 163       |
| 2  | Joint Channel Bandwidth and Power Allocation Game for Selfish Cooperative Relaying Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 4142-4156.                | 6.3 | 84        |
| 3  | Energy-Efficient Resource Allocation in UAV Based MEC System for IoT Devices. , 2018, , .   |     | 65        |
| 4  | Optimizing Multi-UAV Deployment in 3-D Space to Minimize Task Completion Time in UAV-Enabled Mobile Edge Computing Systems. IEEE Communications Letters, 2021, 25, 579-583. | 4.1 | 50        |
| 5  | RL-Based User Association and Resource Allocation for Multi-UAV enabled MEC. , 2019, , .  |     | 32        |
| 6  | Optimal Power Control for Delay-Constraint Machine Type Communications Over Cellular Uplinks. IEEE Communications Letters, 2016, 20, 1168-1171.                             | 4.1 | 19        |
| 7  | Achieving User Cooperation Diversity in TDMA-Based Wireless Networks Using Cooperative Game Theory. IEEE Communications Letters, 2011, 15, 154-156.                         | 4.1 | 17        |
| 8  | Number and Operation Time Minimization for Multi-UAV-Enabled Data Collection System With Time Windows. IEEE Internet of Things Journal, 2022, 9, 10149-10161.               | 8.7 | 15        |
| 9  | A Sum-Utility Maximization Approach for Fairness Resource Allocation in Wireless Powered Body Area Networks. IEEE Access, 2019, 7, 20014-20022.                             | 4.2 | 14        |
| 10 | IRS-Assisted Short Packet Wireless Energy Transfer and Communications. IEEE Wireless Communications Letters, 2022, 11, 303-307.   | 5.0 | 10        |
| 11 | Task Offloading with Power Control for Mobile Edge Computing Using Reinforcement Learning-Based Markov Decision Process. Mobile Information Systems, 2020, 2020, 1-6.       | 0.6 | 9         |
| 12 | Efficient Multitask Scheduling for Completion Time Minimization in UAV-Assisted Mobile Edge Computing. Mobile Information Systems, 2020, 2020, 1-11.                        | 0.6 | 9         |
| 13 | A bargaining game theoretic method for virtual resource allocation in LTE-based cellular networks. Science China Information Sciences, 2015, 58, 1-9.                       | 4.3 | 8         |
| 14 | Power allocation scheme for selfish cooperative communications based on game theory and particle swarm optimizer. Science China Information Sciences, 2010, 53, 1908-1912.  | 4.3 | 7         |
| 15 | Equilibrium Price and Dynamic Virtual Resource Allocation for Wireless Network Virtualization. Mobile Networks and Applications, 2017, 22, 564-576.                         | 3.3 | 4         |
| 16 | Performance on Cluster Backscatter Communication Networks With Coupled Interferences. IEEE Internet of Things Journal, 2022, 9, 20282-20294.                                | 8.7 | 4         |
| 17 | Hierarchical resource allocation scheme for M2M communications enabled by cellular networks. , 2018, , .  |     | 3         |
| 18 | Trajectory Optimization and Resource Allocation for Time Minimization in the UAV-Enabled MEC System. , 2022, , .  |     | 3         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Joint Time Switching and Transmission Scheduling for Wireless-Powered Body Area Networks. Mobile Information Systems, 2019, 2019, 1-11.  | 0.6 | 2         |
| 20 | Fuzzy-logic-based data-differentiated service supported routing protocol for emergency communication networks in underground mines. International Journal of Distributed Sensor Networks, 2019, 15, 155014771986476. | 2.2 | 2         |
| 21 | Matching-Theory-Based Multi-User Cooperative Computing Framework. IEEE Communications Letters, 2022, 26, 414-418.  | 4.1 | 2         |
| 22 | Performance Analysis of Two Cooperative Multicast Schemes in Cellular Networks. Wireless Personal Communications, 2017, 95, 1317-1331.   | 2.7 | 1         |
| 23 | Joint Program Partitioning and Resource Allocation for Completion Time Minimization in Multi-MEC Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 1932-1948.                                  | 6.4 | 1         |
| 24 | Fair and Efficient Rate Allocation for Wireless-Powered Machine-Type Communication Networks. Mobile Information Systems, 2019, 2019, 1-11.   | 0.6 | 0         |
| 25 | Nonlinear Dynamic Calibration and Correction of Acceleration Sensor Based on Adaptive Neural Network. Fractals, 0, , .   | 3.7 | 0         |
| 26 | Multi-User Cooperative Computation Framework Based on Bertrand Game. IEEE Wireless Communications Letters, 2021, , 1-1.  | 5.0 | 0         |