

Mohammad Mozaffari

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

6,570
citations

687363

13
h-index

1125743

13
g-index

25
all docs

25
docs citations

25
times ranked

4518
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Experienced Deep Reinforcement Learning With Generative Adversarial Networks (GANs) for Model-Free Ultra Reliable Low Latency Communication. IEEE Transactions on Communications, 2021, 69, 884-899. | 7.8 | 56 |
| 2 | 5G Air-to-Ground Network Design and Optimization: A Deep Learning Approach. , 2021, , . | | 4 |
| 3 | Toward 6G with Connected Sky: UAVs and Beyond. IEEE Communications Magazine, 2021, 59, 74-80. | 6.1 | 57 |
| 4 | Federated Learning in the Sky: Joint Power Allocation and Scheduling with UAV Swarms. , 2020, , . | | 100 |
| 5 | A deep learning approach to efficient drone mobility support. , 2020, , . | | 2 |
| 6 | Environment-Aware Deployment of Wireless Drones Base Stations with Google Earth Simulator. , 2019, , . | | 12 |
| 7 | ECaD: Energy-efficient routing in flying ad hoc networks. International Journal of Communication Systems, 2019, 32, e4156. | 2.5 | 64 |
| 8 | A Tutorial on UAVs for Wireless Networks: Applications, Challenges, and Open Problems. IEEE Communications Surveys and Tutorials, 2019, 21, 2334-2360. | 39.4 | 1,602 |
| 9 | Beyond 5G With UAVs: Foundations of a 3D Wireless Cellular Network. IEEE Transactions on Wireless Communications, 2019, 18, 357-372. | 9.2 | 307 |
| 10 | Communications and Control for Wireless Drone-Based Antenna Array. IEEE Transactions on Communications, 2019, 67, 820-834. | 7.8 | 76 |
| 11 | Sum-Rate Analysis for High Altitude Platform (HAP) Drones With Tethered Balloon Relay. IEEE Communications Letters, 2018, 22, 1240-1243. | 4.1 | 38 |
| 12 | 3D Cellular Network Architecture with Drones for beyond 5G. , 2018, , . | | 9 |
| 13 | Machine Learning for Predictive On-Demand Deployment of Uavs for Wireless Communications. , 2018, , . | | 69 |
| 14 | Wireless Communications and Control for Swarms of Cellular-Connected UAVs. , 2018, , . | | 27 |
| 15 | Drone-Based Antenna Array for Service Time Minimization in Wireless Networks. , 2018, , . | | 15 |
| 16 | Caching in the Sky: Proactive Deployment of Cache-Enabled Unmanned Aerial Vehicles for Optimized Quality-of-Experience. IEEE Journal on Selected Areas in Communications, 2017, 35, 1046-1061. | 14.0 | 610 |
| 17 | Optimal Transport Theory for Cell Association in UAV-Enabled Cellular Networks. IEEE Communications Letters, 2017, 21, 2053-2056. | 4.1 | 94 |
| 18 | Wireless Communication Using Unmanned Aerial Vehicles (UAVs): Optimal Transport Theory for Hover Time Optimization. IEEE Transactions on Wireless Communications, 2017, 16, 8052-8066. | 9.2 | 261 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Mobile Unmanned Aerial Vehicles (UAVs) for Energy-Efficient Internet of Things Communications. IEEE Transactions on Wireless Communications, 2017, 16, 7574-7589. | 9.2 | 765 |
| 20 | Performance Optimization for UAV-Enabled Wireless Communications under Flight Time Constraints. , 2017, , . | | 22 |
| 21 | Mobile Internet of Things: Can UAVs Provide an Energy-Efficient Mobile Architecture?. , 2016, , . | | 184 |
| 22 | Efficient Deployment of Multiple Unmanned Aerial Vehicles for Optimal Wireless Coverage. IEEE Communications Letters, 2016, 20, 1647-1650. | 4.1 | 798 |
| 23 | Unmanned Aerial Vehicle With Underlaid Device-to-Device Communications: Performance and Tradeoffs. IEEE Transactions on Wireless Communications, 2016, 15, 3949-3963. | 9.2 | 958 |
| 24 | Drone Small Cells in the Clouds: Design, Deployment and Performance Analysis. , 2015, , . | | 440 |