

# Mohammad Mozaffari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3619500/publications.pdf>

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	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
2	Unmanned Aerial Vehicle With Underlaid Device-to-Device Communications: Performance and Tradeoffs. IEEE Transactions on Wireless Communications, 2016, 15, 3949-3963.	9.2	958
3	Efficient Deployment of Multiple Unmanned Aerial Vehicles for Optimal Wireless Coverage. IEEE Communications Letters, 2016, 20, 1647-1650.	4.1	798
4	Mobile Unmanned Aerial Vehicles (UAVs) for Energy-Efficient Internet of Things Communications. IEEE Transactions on Wireless Communications, 2017, 16, 7574-7589.	9.2	765
5	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
6	Drone Small Cells in the Clouds: Design, Deployment and Performance Analysis. , 2015, , .		440
7	Beyond 5G With UAVs: Foundations of a 3D Wireless Cellular Network. IEEE Transactions on Wireless Communications, 2019, 18, 357-372.	9.2	307
8	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
9	Mobile Internet of Things: Can UAVs Provide an Energy-Efficient Mobile Architecture?. , 2016, , .		184
10	Federated Learning in the Sky: Joint Power Allocation and Scheduling with UAV Swarms. , 2020, , .		100
11	Optimal Transport Theory for Cell Association in UAV-Enabled Cellular Networks. IEEE Communications Letters, 2017, 21, 2053-2056.	4.1	94
12	Communications and Control for Wireless Drone-Based Antenna Array. IEEE Transactions on Communications, 2019, 67, 820-834.	7.8	76
13	Machine Learning for Predictive On-Demand Deployment of Uavs for Wireless Communications. , 2018, , .		69
14	ECaD: Energy-efficient routing in flying ad hoc networks. International Journal of Communication Systems, 2019, 32, e4156.	2.5	64
15	Toward 6G with Connected Sky: UAVs and Beyond. IEEE Communications Magazine, 2021, 59, 74-80.	6.1	57
16	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
17	Sum-Rate Analysis for High Altitude Platform (HAP) Drones With Tethered Balloon Relay. IEEE Communications Letters, 2018, 22, 1240-1243.	4.1	38
18	Wireless Communications and Control for Swarms of Cellular-Connected UAVs. , 2018, , .		27

#	ARTICLE	IF	CITATIONS
19	Performance Optimization for UAV-Enabled Wireless Communications under Flight Time Constraints. , 2017, , .		22
20	Drone-Based Antenna Array for Service Time Minimization in Wireless Networks. , 2018, , .		15
21	Environment-Aware Deployment of Wireless Drones Base Stations with Google Earth Simulator. , 2019, , .		12
22	3D Cellular Network Architecture with Drones for beyond 5G. , 2018, , .		9
23	5G Air-to-Ground Network Design and Optimization: A Deep Learning Approach. , 2021, , .		4
24	A deep learning approach to efficient drone mobility support. , 2020, , .		2