

# Evsen Yanmaz Adam

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

2,619  
citations

840776

11  
h-index

839539

18  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2497  
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey on Unmanned Aerial Vehicle Networks for Civil Applications: A Communications Viewpoint. IEEE Communications Surveys and Tutorials, 2016, 18, 2624-2661.	39.4	982
2	Drone networks: Communications, coordination, and sensing. Ad Hoc Networks, 2018, 68, 1-15.	5.5	257
3	An Autonomous Multi-UAV System for Search and Rescue. , 2015, , .		172
4	Achieving air-ground communications in 802.11 networks with three-dimensional aerial mobility. , 2013, , .		130
5	Application-driven design of aerial communication networks. , 2014, 52, 129-137.		123
6	Multi-objective UAV path planning for search and rescue. , 2017, , .		119
7	Channel measurements over 802.11a-based UAV-to-ground links. , 2011, , .		114
8	Dynamic Load Balancing and Sharing Performance of Integrated Wireless Networks. IEEE Journal on Selected Areas in Communications, 2004, 22, 862-872.	14.0	84
9	Connectivity versus area coverage in unmanned aerial vehicle networks. , 2012, , .		73
10	Information Exchange and Decision Making in Micro Aerial Vehicle Networks for Cooperative Search. IEEE Transactions on Control of Network Systems, 2015, 2, 335-347.	3.7	59
11	The Mathematical Theory of Dynamic Load Balancing in Cellular Networks. IEEE Transactions on Mobile Computing, 2008, 7, 1504-1518.	5.8	56
12	Multi-objective drone path planning for search and rescue with quality-of-service requirements. Autonomous Robots, 2020, 44, 1183-1198.	4.8	50
13	Experimental performance analysis of two-hop aerial 802.11 networks. , 2014, , .		48
14	Experimental analysis of multipoint-to-point UAV communications with IEEE 802.11n and 802.11ac. , 2015, , .		45
15	On path planning strategies for networked unmanned aerial vehicles. , 2011, , .		37
16	Information merging in multi-UAV cooperative search. , 2014, , .		37
17	Communication and Coordination for Drone Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 79-91.	0.3	37
18	Stationary and Mobile Target Detection Using Mobile Wireless Sensor Networks. , 2010, , .		28

#	ARTICLE	IF	CITATIONS
19	A discrete stochastic process for coverage analysis of autonomous UAV networks. , 2010, , .		26
20	Selecting a Spatially Efficient Cooperative Relay. , 2009, , .		22
21	Medium Access with Adaptive Relay Selection in Cooperative Wireless Networks. IEEE Transactions on Mobile Computing, 2014, 13, 2042-2057.	5.8	19
22	Live multicast video streaming from drones: an experimental study. Autonomous Robots, 2020, 44, 75-91.	4.8	19
23	Hand-Off Performance of the Integrated Cellular and Ad Hoc Relaying (iCAR) System. Wireless Networks, 2005, 11, 775-785.	3.0	17
24	Take the Field from your Smartphone: Leveraging UAVs for Event Filming. IEEE Transactions on Mobile Computing, 2019, , 1-1.	5.8	11
25	Positioning aerial relays to maintain connectivity during drone team missions. Ad Hoc Networks, 2022, 128, 102800.	5.5	9
26	Area Coverage with Unmanned Vehicles: A Belief-Based Approach. , 2010, , .		8
27	Contention-Based Estimation of Neighbor Cardinality. IEEE Transactions on Mobile Computing, 2013, 12, 542-555.	5.8	8
28	Epidemic Propagation in Overlaid Wireless Networks. , 2008, , .		6
29	Contention-Based Neighborhood Estimation. , 2010, , .		5
30	Application-Layer Rate-Adaptive Multicast Video Streaming over 802.11 for Mobile Devices. , 2016, , .		3
31	Dynamic Relay Selection and Positioning for Cooperative UAV Networks. IEEE Networking Letters, 2021, 3, 114-118.	1.9	3
32	WLC09-3: Self-Organization in Cellular Wireless Networks via Fixed Relay Nodes. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
33	Impact of Topology-dependent and independent Mobility Models on the Connectivity of Wireless Networks. , 2008, , .		2
34	A Multi-Tracking Wireless Ad Hoc Routing Protocol. , 2008, , .		1
35	Impact of mobility pattern on epidemic propagation in wireless networks. , 2008, , .		1
36	Mitigating Effects of Node Failure via Mobility in Wireless Networks. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
37	Guarded by Gamora: How Access Control Balances Out Waiting Times in Transport Systems. , 2018, , .		1
38	Connectivity considerations for mission planning of a search and rescue drone team. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 2228-2243.	1.4	1
39	Event Detection Using Unmanned Aerial Vehicles: Ordered versus Self-organized Search. Lecture Notes in Computer Science, 2009, , 26-36.	1.3	1
40	Leveraging Connectivity for Coverage in Drone Networks for Target Detection. Balkan Journal of Electrical and Computer Engineering, 0, , .	0.6	1
41	Neighbor Cardinality Estimation with Low-Power Transceivers: Implementation and Experimental Results. , 2014, , .		0
42	Aerial Wi-Fi Networks. , 0, , 45-57.		0