Eyuphan Bulut

List of Publications by Year
in descending order

62 papers	**1,362** citations	567281 **15** h-index	580821 **25** g-index
62 all docs	**62** docs citations	**62** times ranked	**1050** citing authors

#	Article	IF	Citations
1	Online Stable Task Assignment in Opportunistic Mobile Crowdsensing With Uncertain Trajectories. IEEE Internet of Things Journal, 2022, 9, 9086-9101.	8.7	13
2	WiFederated: Scalable WiFi Sensing Using Edge-Based Federated Learning. IEEE Internet of Things Journal, 2022, 9, 12628-12640.	8.7	14
3	IMSI Sharing-Based Dynamic and Flexible Traffic Aggregation for Massive IoT Networks. IEEE Internet of Things Journal, 2022, 9, 18221-18237.	8.7	2
4	QoS-Based Budget Constrained Stable Task Assignment in Mobile Crowdsensing. IEEE Transactions on Mobile Computing, 2021, 20, 3194-3210.	5.8	32
5	Energy balancing in mobile opportunistic networks with wireless charging: Single and multi-hop approaches. Ad Hoc Networks, 2021, 111, 102342.	5.5	10
6	A scalable private Bitcoin payment channel network with privacy guarantees. Journal of Network and Computer Applications, 2021, 180, 103021.	9.1	6
7	Collaborative Trajectory Optimization for Outage-aware Cellular-Enabled UAVs. , 2021, , .		7
8	Coverage-Aware Stable Task Assignment in Opportunistic Mobile Crowdsensing. IEEE Transactions on Vehicular Technology, 2021, 70, 3831-3845.	6.3	29
9	Peer-to-peer energy sharing in mobile networks: Applications, challenges, and open problems. Ad Hoc Networks, 2020, 97, 102029.	5.5	33
10	Social-Aware Energy Balancing in Mobile Opportunistic Networks. , 2020, , .		5
11	Lightweight and Standalone IoT Based WiFi Sensing for Active Repositioning and Mobility. , 2020, , .		50
12	Opportunistic Wireless Crowd Charging of IoT Devices from Smartphones. , 2020, , .		4
13	User satisfaction aware maximum utility task assignment in mobile crowdsensing. Computer Networks, 2020, 172, 107156.	5.1	27
14	3-D Trajectory Optimization in UAV-Assisted Cellular Networks Considering Antenna Radiation Pattern and Backhaul Constraint. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 3735-3750.	4.7	42
15	Using perceived direction information for anchorless relative indoor localization. Journal of Network and Computer Applications, 2020, 165, 102714.	9.1	6
16	Traffic Shifting based Resource Optimization in Aggregated IoT Communication. , 2020, , .		9
17	Secure, Resilient and Stable Resource Allocation for D2D-based V2X Communication. , 2020, , .		5
18	Time-dependent Stable Task Assignment in Participatory Mobile Crowdsensing. , 2020, , .		6

#	Article	IF	Citations
19	Efficient and privacy preserving supplier matching for electric vehicle charging. Ad Hoc Networks, 2019, 90, 101730.	5.5	23
20	Trajectory Optimization in UAV-Assisted Cellular Networks under Mission Duration Constraint. , 2019, , .		16
21	Spatio-Temporal Non-Intrusive Direct V2V Charge Sharing Coordination. IEEE Transactions on Vehicular Technology, 2019, 68, 9385-9398.	6.3	49
22	Effects of 3D Antenna Radiation and Two-Hop Relaying on Optimal UAV Trajectory in Cellular Networks. , 2019, , .		7
23	A Flexible V2V Charger as a New Layer of Vehicle-Grid Integration Framework. , 2019, , .		22
24	Energy Sharing Based Content Delivery in Mobile Social Networks. , 2019, , .		11
25	Exploiting peer-to-peer wireless energy sharing for mobile charging relief. Ad Hoc Networks, 2019, 91, 101882.	5.5	21
26	A Distributed SDN Application for Cross-Institution Data Access. , 2019, , .		1
27	Mobile Energy Balancing in Heterogeneous Opportunistic Networks. , 2019, , .		2
28	Loss-Aware Efficient Energy Balancing in Mobile Opportunistic Networks. , 2019, , .		7
29	Joint Optimization of System and User Oriented Task Assignment in Mobile Crowdsensing. , 2019, , .		3
30	Time Optimal Multi-UAV Path Planning for Gathering its Data from Roadside Units. , 2018, , .		38
31	Dynamically Shared Wide-Area Cellular Communication for Hyper-dense IoT Devices. , 2018, , .		2
32	Clustered Crowd GPS for Privacy Valuing Active Localization. IEEE Access, 2018, 6, 23213-23221.	4.2	22
33	Trajectory Optimization for Cellular-Connected UAVs with Disconnectivity Constraint. , 2018, , .		71
34	Charging Skip Optimization with Peer-to-Peer Wireless Energy Sharing in Mobile Networks. , 2018, , .		13
35	Identifying the Space Buddies to Track Lost Items. , 2017, , .		1
36	Mobile Energy Sharing through Power Buddies. , 2017, , .		18

#	Article	IF	Citations
37	Mobile core network redimensioning for efficient resource utilization. , 2017, , .		2
38	Mitigating Range Anxiety via Vehicle-to-Vehicle Social Charging System. , 2017, , .		35
39	Timely information dissemination with distributed storage in delay tolerant mobile sensor networks. , 2017, , .		1
40	Towards limited scale-free topology with dynamic peer participation. Computer Networks, 2016, 106, 109-121.	5.1	2
41	Utilizing correlated node mobility for efficient DTN routing. Pervasive and Mobile Computing, 2014, 13, 150-163.	3.3	23
42	Constructing Limited Scale-Free Topologies over Peer-to-Peer Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 919-928.	5.6	21
43	Secure Multi-copy Routing in Compromised Delay Tolerant Networks. Wireless Personal Communications, 2013, 73, 149-168.	2.7	12
44	Grammatical Inference for Modeling Mobility Patterns in Networks. IEEE Transactions on Mobile Computing, 2013, 12, 2119-2131.	5.8	9
45	Energy-efficient location services for mobile ad hoc networks. Ad Hoc Networks, 2013, 11, 273-287.	5.5	7
46	WiFi access point deployment for efficient mobile data offloading. Mobile Computing and Communications Review, 2013, 17, 71-78.	1.7	33
47	Exploiting Friendship Relations for Efficient Routing in Mobile Social Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 2254-2265.	5.6	179
48	On growth of limited scale-free overlay network topologies. , 2012, , .		1
49	Utilizing PCFGs for Modeling and Learning Service Compositions in Sensor Networks. , 2012, , .		0
50	Sleep scheduling with expected common coverage in wireless sensor networks. Wireless Networks, 2011, 17, 19-40.	3.0	51
51	On Secure Multi-Copy Based Routing in Compromised Delay Tolerant Networks. , 2011, , .		7
52	Conditional shortest path routing in delay tolerant networks. , 2010, , .		23
53	Friendship Based Routing in Delay Tolerant Mobile Social Networks. , 2010, , .		125
54	Cost-Effective Multiperiod Spraying for Routing in Delay-Tolerant Networks. IEEE/ACM Transactions on Networking, 2010, 18, 1530-1543.	3.8	93

#	Article	IF	Citations
55	Efficient routing in delay tolerant networks with correlated node mobility. , 2010, , .		18
56	PCFG Based Synthetic Mobility Trace Generation. , 2010, , .		8
57	Service discovery for delay tolerant networks. , 2010, , .		5
58	Distributed Target Tracking with Directional Binary Sensor Networks. , 2009, , .		14
59	Impact of Social Networks on Delay Tolerant Routing. , 2009, , .		29
60	Time Dependent Message Spraying for Routing in Intermittently Connected Networks. , 2008, , .		16
61	Balancing cost-quality tradeoff in cooperative ad hoc sensor networks. , 2008, , .		1
62	Distributed Target Tracking with Imperfect Binary Sensor Networks. , 2008, , .		20