

Eyuphan Bulut

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9452874/publications.pdf>

Version: 2024-02-01

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	Exploiting Friendship Relations for Efficient Routing in Mobile Social Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 2254-2265.	5.6	179
2	Friendship Based Routing in Delay Tolerant Mobile Social Networks. , 2010, , .		125
3	Cost-Effective Multiperiod Spraying for Routing in Delay-Tolerant Networks. IEEE/ACM Transactions on Networking, 2010, 18, 1530-1543.	3.8	93
4	Trajectory Optimization for Cellular-Connected UAVs with Disconnectivity Constraint. , 2018, , .		71
5	Sleep scheduling with expected common coverage in wireless sensor networks. Wireless Networks, 2011, 17, 19-40.	3.0	51
6	Lightweight and Standalone IoT Based WiFi Sensing for Active Repositioning and Mobility. , 2020, , .		50
7	Spatio-Temporal Non-Intrusive Direct V2V Charge Sharing Coordination. IEEE Transactions on Vehicular Technology, 2019, 68, 9385-9398.	6.3	49
8	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
9	Time Optimal Multi-UAV Path Planning for Gathering its Data from Roadside Units. , 2018, , .		38
10	Mitigating Range Anxiety via Vehicle-to-Vehicle Social Charging System. , 2017, , .		35
11	WiFi access point deployment for efficient mobile data offloading. Mobile Computing and Communications Review, 2013, 17, 71-78.	1.7	33
12	Peer-to-peer energy sharing in mobile networks: Applications, challenges, and open problems. Ad Hoc Networks, 2020, 97, 102029.	5.5	33
13	QoS-Based Budget Constrained Stable Task Assignment in Mobile Crowdsensing. IEEE Transactions on Mobile Computing, 2021, 20, 3194-3210.	5.8	32
14	Impact of Social Networks on Delay Tolerant Routing. , 2009, , .		29
15	Coverage-Aware Stable Task Assignment in Opportunistic Mobile Crowdsensing. IEEE Transactions on Vehicular Technology, 2021, 70, 3831-3845.	6.3	29
16	User satisfaction aware maximum utility task assignment in mobile crowdsensing. Computer Networks, 2020, 172, 107156.	5.1	27
17	Conditional shortest path routing in delay tolerant networks. , 2010, , .		23
18	Utilizing correlated node mobility for efficient DTN routing. Pervasive and Mobile Computing, 2014, 13, 150-163.	3.3	23

#	ARTICLE	IF	CITATIONS
19	Efficient and privacy preserving supplier matching for electric vehicle charging. Ad Hoc Networks, 2019, 90, 101730.	5.5	23
20	Clustered Crowd GPS for Privacy Valuing Active Localization. IEEE Access, 2018, 6, 23213-23221.	4.2	22
21	A Flexible V2V Charger as a New Layer of Vehicle-Grid Integration Framework. , 2019, , .		22
22	Constructing Limited Scale-Free Topologies over Peer-to-Peer Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 919-928.	5.6	21
23	Exploiting peer-to-peer wireless energy sharing for mobile charging relief. Ad Hoc Networks, 2019, 91, 101882.	5.5	21
24	Distributed Target Tracking with Imperfect Binary Sensor Networks. , 2008, , .		20
25	Efficient routing in delay tolerant networks with correlated node mobility. , 2010, , .		18
26	Mobile Energy Sharing through Power Buddies. , 2017, , .		18
27	Time Dependent Message Spraying for Routing in Intermittently Connected Networks. , 2008, , .		16
28	Trajectory Optimization in UAV-Assisted Cellular Networks under Mission Duration Constraint. , 2019, , .		16
29	Distributed Target Tracking with Directional Binary Sensor Networks. , 2009, , .		14
30	WiFederated: Scalable WiFi Sensing Using Edge-Based Federated Learning. IEEE Internet of Things Journal, 2022, 9, 12628-12640.	8.7	14
31	Charging Skip Optimization with Peer-to-Peer Wireless Energy Sharing in Mobile Networks. , 2018, , .		13
32	Online Stable Task Assignment in Opportunistic Mobile Crowdsensing With Uncertain Trajectories. IEEE Internet of Things Journal, 2022, 9, 9086-9101.	8.7	13
33	Secure Multi-copy Routing in Compromised Delay Tolerant Networks. Wireless Personal Communications, 2013, 73, 149-168.	2.7	12
34	Energy Sharing Based Content Delivery in Mobile Social Networks. , 2019, , .		11
35	Energy balancing in mobile opportunistic networks with wireless charging: Single and multi-hop approaches. Ad Hoc Networks, 2021, 111, 102342.	5.5	10
36	Grammatical Inference for Modeling Mobility Patterns in Networks. IEEE Transactions on Mobile Computing, 2013, 12, 2119-2131.	5.8	9

#	ARTICLE	IF	CITATIONS
37	Traffic Shifting based Resource Optimization in Aggregated IoT Communication. , 2020, , .		9
38	PCFG Based Synthetic Mobility Trace Generation. , 2010, , .		8
39	On Secure Multi-Copy Based Routing in Compromised Delay Tolerant Networks. , 2011, , .		7
40	Energy-efficient location services for mobile ad hoc networks. Ad Hoc Networks, 2013, 11, 273-287.	5.5	7
41	Effects of 3D Antenna Radiation and Two-Hop Relaying on Optimal UAV Trajectory in Cellular Networks. , 2019, , .		7
42	Loss-Aware Efficient Energy Balancing in Mobile Opportunistic Networks. , 2019, , .		7
43	Collaborative Trajectory Optimization for Outage-aware Cellular-Enabled UAVs. , 2021, , .		7
44	A scalable private Bitcoin payment channel network with privacy guarantees. Journal of Network and Computer Applications, 2021, 180, 103021.	9.1	6
45	Using perceived direction information for anchorless relative indoor localization. Journal of Network and Computer Applications, 2020, 165, 102714.	9.1	6
46	Time-dependent Stable Task Assignment in Participatory Mobile Crowdsensing. , 2020, , .		6
47	Service discovery for delay tolerant networks. , 2010, , .		5
48	Social-Aware Energy Balancing in Mobile Opportunistic Networks. , 2020, , .		5
49	Secure, Resilient and Stable Resource Allocation for D2D-based V2X Communication. , 2020, , .		5
50	Opportunistic Wireless Crowd Charging of IoT Devices from Smartphones. , 2020, , .		4
51	Joint Optimization of System and User Oriented Task Assignment in Mobile Crowdsensing. , 2019, , .		3
52	Towards limited scale-free topology with dynamic peer participation. Computer Networks, 2016, 106, 109-121.	5.1	2
53	Mobile core network redimensioning for efficient resource utilization. , 2017, , .		2
54	Dynamically Shared Wide-Area Cellular Communication for Hyper-dense IoT Devices. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
55	Mobile Energy Balancing in Heterogeneous Opportunistic Networks. , 2019, , .		2
56	IMSI Sharing-Based Dynamic and Flexible Traffic Aggregation for Massive IoT Networks. IEEE Internet of Things Journal, 2022, 9, 18221-18237.	8.7	2
57	Balancing cost-quality tradeoff in cooperative ad hoc sensor networks. , 2008, , .		1
58	On growth of limited scale-free overlay network topologies. , 2012, , .		1
59	Identifying the Space Buddies to Track Lost Items. , 2017, , .		1
60	Timely information dissemination with distributed storage in delay tolerant mobile sensor networks. , 2017, , .		1
61	A Distributed SDN Application for Cross-Institution Data Access. , 2019, , .		1
62	Utilizing PCFGs for Modeling and Learning Service Compositions in Sensor Networks. , 2012, , .		0