

Fan Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

95
papers

2,348
citations

21
h-index

46
g-index

109
ext. papers

3,056
ext. citations

5.1
avg, IF

5.63
L-index

#	Paper	IF	Citations
95	Fair Incentive Mechanism with Imperfect Quality in Privacy-Preserving Crowdsensing. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	0
94	Caching-Enabled Computation Offloading in Multi-Region MEC Network via Deep Reinforcement Learning. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	0
93	Power of Redundancy: Surplus Client Scheduling for Federated Learning against User Uncertainties. <i>IEEE Transactions on Mobile Computing</i> , 2022 , 1-1	4.6	1
92	Towards Nonintrusive and Secure Mobile Two-Factor Authentication on Wearables. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	1
91	HearFit+: Personalized Fitness Monitoring via Audio Signals on Smart Speakers. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	1
90	Online Control of Service Function Chainings Across Geo-Distributed Datacenters. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	1
89	Three-Stage Stackelberg Long-Term Incentive Mechanism and Monetization for Mobile Crowdsensing: An Online Learning Approach. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1385-1398	4.9	7
88	HearFit: Fitness Monitoring on Smart Speakers via Active Acoustic Sensing 2021 ,		4
87	Survivable Task Allocation in Cloud Radio Access Networks With Mobile-Edge Computing. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 1095-1108	10.7	2
86	Recent Advances of Resource Allocation in Network Function Virtualization. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021 , 32, 295-314	3.7	36
85	Delay-Aware Virtual Network Function Placement and Routing in Edge Clouds. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 20, 445-459	4.6	29
84	A Real-Time Bike Trip Planning Policy With Self-Organizing Bike Redistribution. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-16	6.1	
83	Gait and Respiration Based User Identification Using Wi-Fi Signal. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	1
82	SDN Controllers. <i>ACM Computing Surveys</i> , 2021 , 53, 1-40	13.4	14
81	DOLPHIN: Dynamically Optimized and Load Balanced Path for Inter-Domain SDN Communication. <i>IEEE Transactions on Network and Service Management</i> , 2021 , 18, 331-346	4.8	3
80	FallViewer: A Fine-Grained Indoor Fall Detection System With Ubiquitous Wi-Fi Devices. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 12455-12466	10.7	2
79	GlobeChain: An Interoperable Blockchain for Global Sharing of Healthcare Data: A COVID-19 Perspective. <i>IEEE Consumer Electronics Magazine</i> , 2021 , 10, 64-69	3.2	6

78	HDSpeed: Hybrid Detection of Vehicle Speed via Acoustic Sensing on Smartphones. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	0
77	HearSmoking: Smoking Detection in Driving Environment via Acoustic Sensing on Smartphones. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	1
76	Real-Time Detection for Drowsy Driving via Acoustic Sensing on Smartphones. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	6
75	Blockchain for E-Health-Care Systems: Easier Said Than Done. <i>Computer</i> , 2020 , 53, 57-67	1.6	14
74	Interoperability and Synchronization Management of Blockchain-Based Decentralized e-Health Systems. <i>IEEE Transactions on Engineering Management</i> , 2020 , 67, 1363-1376	2.6	13
73	A comprehensive survey of interface protocols for software defined networks. <i>Journal of Network and Computer Applications</i> , 2020 , 156, 102563	7.9	39
72	T-CAM: Time-based content access control mechanism for ICN subscription systems. <i>Future Generation Computer Systems</i> , 2020 , 106, 607-621	7.5	4
71	A Survey of Network Virtualization Techniques for Internet of Things Using SDN and NFV. <i>ACM Computing Surveys</i> , 2020 , 53, 1-40	13.4	45
70	Listen to Your Fingers 2020 , 4, 1-23		9
69	A unified hybrid information-centric naming scheme for IoT applications. <i>Computer Communications</i> , 2020 , 150, 103-114	5.1	22
68	PoBT: A Lightweight Consensus Algorithm for Scalable IoT Business Blockchain. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 2343-2355	10.7	71
67	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4823-4831	11.9	7
66	Traffic routing in stochastic network function virtualization networks. <i>Journal of Network and Computer Applications</i> , 2020 , 169, 102765	7.9	2
65	PPGPass: Nonintrusive and Secure Mobile Two-Factor Authentication via Wearables 2020 ,		7
64	DAAC: Digital Asset Access Control in a Unified Blockchain Based E-Health System. <i>IEEE Transactions on Big Data</i> , 2020 , 1-1	3.2	6
63	. <i>IEEE Security and Privacy</i> , 2020 , 18, 35-45	2	21
62	D3-Guard: Acoustic-based Drowsy Driving Detection Using Smartphones 2019 ,		26
61	. <i>IEEE Transactions on Services Computing</i> , 2019 , 1-1	4.8	4

60	A survey of Internet of Things communication using ICN: A use case perspective. <i>Computer Communications</i> , 2019 , 142-143, 95-123	5.1	61
59	A Context-Aware Multiarmed Bandit Incentive Mechanism for Mobile Crowd Sensing Systems. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 7648-7658	10.7	21
58	Cloudlet Placement and Task Allocation in Mobile Edge Computing. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 5853-5863	10.7	46
57	Space Efficient Quantization for Deep Convolutional Neural Networks. <i>Journal of Computer Science and Technology</i> , 2019 , 34, 305-317	1.7	3
56	Delay-Sensitive and Availability-Aware Virtual Network Function Scheduling for NFV. <i>IEEE Transactions on Services Computing</i> , 2019 , 1-1	4.8	24
55	W3W. <i>ACM Transactions on Sensor Networks</i> , 2019 , 15, 1-23	2.9	0
54	FI-Net: A Speech Emotion Recognition Framework with Feature Integration and Data Augmentation 2019 ,		1
53	Coexistence of ICN and IP Networks: An NFV as a Service Approach 2019 ,		4
52	Hierarchical Routing for Vehicular Ad Hoc Networks via Reinforcement Learning. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 1852-1865	6.8	31
51	Dynamic gesture recognition using wireless signals with less disturbance. <i>Personal and Ubiquitous Computing</i> , 2019 , 23, 17-27	2.1	8
50	A Scalable Blockchain Framework for Secure Transactions in IoT. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4650-4659	10.7	95
49	Multi-layer-based opportunistic data collection in mobile crowdsourcing networks. <i>World Wide Web</i> , 2018 , 21, 783-802	2.9	3
48	SoundMark: Accurate Indoor Localization via Peer-Assisted Dead Reckoning. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 4803-4815	10.7	16
47	CrowdX 2018 , 2, 1-21		10
46	NCP: A near ICN Cache Placement Scheme for IoT-Based Traffic Class 2018 ,		21
45	Multi-expertise Aware Participant Selection in Mobile Crowd Sensing via Online Learning 2018 ,		6
44	Participant Grouping for Privacy Preservation in Mobile Crowdsensing over Hierarchical Edge Clouds 2018 ,		5
43	Cumulative Participant Selection with Switch Costs in Large-Scale Mobile Crowd Sensing 2018 ,		6

42	Mobile Crowd Wireless Charging Toward Rechargeable Sensors for Internet of Things. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 5337-5347	10.7	16
41	NNCP: A Named Data Network Control Protocol for IoT Applications 2018 ,		8
40	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 7195-7206	6.8	32
39	Incentive-Aware Time-Sensitive Data Collection in Mobile Opportunistic Crowdsensing. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 7849-7861	6.8	35
38	CondioSense: high-quality context-aware service for audio sensing system via active sonar. <i>Personal and Ubiquitous Computing</i> , 2017 , 21, 17-29	2.1	9
37	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 5301-5315	6.8	30
36	EchoTrack: Acoustic device-free hand tracking on smart phones 2017 ,		30
35	A Distributed ICN-Based IoT Network Architecture: An Ambient Assisted Living Application Case Study 2017 ,		19
34	ClickLeak: Keystroke Leaks Through Multimodal Sensors in Cyber-Physical Social Networks. <i>IEEE Access</i> , 2017 , 5, 27311-27321	3.5	9
33	When User Interest Meets Data Quality: A Novel User Filter Scheme for Mobile Crowd Sensing 2017 ,		4
32	Optimization Problems in Throwbox-Assisted Delay Tolerant Networks: Which Throwboxes to Activate? How Many Active Ones I Need?. <i>IEEE Transactions on Computers</i> , 2016 , 65, 1663-1670	2.5	11
31	Energy efficient social routing framework for mobile social sensing networks. <i>Tsinghua Science and Technology</i> , 2016 , 21, 363-373	3.4	10
30	Enhancing participant selection through caching in mobile crowd sensing 2016 ,		18
29	EchoLoc: Accurate Device-Free Hand Localization Using COTS Devices 2016 ,		9
28	Achieving Optimal Traffic Engineering Using a Generalized Routing Framework. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016 , 27, 51-65	3.7	16
27	Incentives for Delay-Constrained Data Query and Feedback in Mobile Opportunistic Crowdsensing. <i>Sensors</i> , 2016 , 16,	3.8	13
26	Providing location-aware location privacy protection for mobile location-based services. <i>Tsinghua Science and Technology</i> , 2016 , 21, 243-259	3.4	20
25	Multi-copy data dissemination with probabilistic delay constraint in mobile opportunistic device-to-device networks 2016 ,		12

24	A Markov Chain Prediction Model for Routing in Delay Tolerant Networks. <i>Lecture Notes in Computer Science</i> , 2015 , 479-490	0.9	1
23	Elastic and Efficient Virtual Network Provisioning for Cloud-Based Multi-tier Applications 2015 ,		6
22	Self-adaptive anonymous communication scheme under SDN architecture 2015 ,		1
21	Geo-social: Routing with location and social metrics in mobile opportunistic networks 2015 ,		7
20	A mobility clustering-based roadside units deployment for VANET 2014 ,		6
19	QGrid: Q-learning based routing protocol for vehicular ad hoc networks 2014 ,		14
18	K-throwbox placement problem in throwbox-assisted delay tolerant networks 2014 ,		8
17	Closeness-based routing with temporal constraint for mobile social delay tolerant networks 2014 ,		4
16	Energy Efficient Social-Based Routing for Delay Tolerant Networks. <i>Lecture Notes in Computer Science</i> , 2014 , 290-301	0.9	3
15	Routing with multi-level cross-community social groups in mobile opportunistic networks. <i>Personal and Ubiquitous Computing</i> , 2014 , 18, 385-396	2.1	22
14	Distributed load balancing mechanism for detouring schemes of geographic routing in wireless sensor networks. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2013 , 28, 184-197	1	4
13	Efficient Topology Design in Time-Evolving and Energy-Harvesting Wireless Sensor Networks 2013 ,		6
12	YouTe driving and texting 2013 ,		21
11	Traffic distribution of circular sailing routing in dense multihop wireless networks. <i>Tsinghua Science and Technology</i> , 2013 , 18, 220-229	3.4	3
10	Piggyback CrowdSensing (PCS) 2013 ,		111
9	A reliable and accurate indoor localization method using phone inertial sensors 2012 ,		313
8	Social Feature Enhanced Group-Based Routing for Wireless Delay Tolerant Networks 2012 ,		7
7	Routing with multi-level social groups in Mobile Opportunistic Networks 2012 ,		1

6	Hybrid Position-Based and DTN Forwarding in Vehicular Ad Hoc Networks 2012 ,		5
5	Hybrid Position-Based and DTN Forwarding for Vehicular Sensor Networks. <i>International Journal of Distributed Sensor Networks</i> , 2012 , 8, 186146	1.7	8
4	L2P2: Location-aware location privacy protection for location-based services 2012 ,		49
3	Distributed Load Balancing Mechanism for Detouring Routing Holes in Sensor Networks 2012 ,		2
2	Localized Topologies with Bounded Node Degree for Three Dimensional Wireless Sensor Networks 2011 ,		4
1	Routing in vehicular ad hoc networks: A survey. <i>IEEE Vehicular Technology Magazine</i> , 2007 , 2, 12-22	9.9	673