Fan Li

List of Publications by Citations

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	Routing in vehicular ad hoc networks: A survey. *IEEE Vehicular Technology Magazine*, **2007**, 2, 12-22	9.9	673
94	A reliable and accurate indoor localization method using phone inertial sensors **2012**,		313
93	Piggyback CrowdSensing (PCS) **2013**,		111
92	A Scalable Blockchain Framework for Secure Transactions in IoT. *IEEE Internet of Things Journal*, **2019**, 6, 4650-4659	10.7	95
91	PoBT: A Lightweight Consensus Algorithm for Scalable IoT Business Blockchain. *IEEE Internet of Things Journal*, **2020**, 7, 2343-2355	10.7	71
90	A survey of Internet of Things communication using ICN: A use case perspective. *Computer Communications*, **2019**, 142-143, 95-123	5.1	61
89	L2P2: Location-aware location privacy protection for location-based services **2012**,		49
88	Cloudlet Placement and Task Allocation in Mobile Edge Computing. *IEEE Internet of Things Journal*, **2019**, 6, 5853-5863	10.7	46
87	A Survey of Network Virtualization Techniques for Internet of Things Using SDN and NFV. *ACM Computing Surveys*, **2020**, 53, 1-40	13.4	45
86	A comprehensive survey of interface protocols for software defined networks. *Journal of Network and Computer Applications*, **2020**, 156, 102563	7.9	39
85	Recent Advances of Resource Allocation in Network Function Virtualization. *IEEE Transactions on Parallel and Distributed Systems*, **2021**, 32, 295-314	3.7	36
84	Incentive-Aware Time-Sensitive Data Collection in Mobile Opportunistic Crowdsensing. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 7849-7861	6.8	35
83	. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 7195-7206	6.8	32
82	Hierarchical Routing for Vehicular Ad Hoc Networks via Reinforcement Learning. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 1852-1865	6.8	31
81	. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 5301-5315	6.8	30
80	EchoTrack: Acoustic device-free hand tracking on smart phones **2017**,		30
79	Delay-Aware Virtual Network Function Placement and Routing in Edge Clouds. *IEEE Transactions on Mobile Computing*, **2021**, 20, 445-459	4.6	29

78	D3-Guard: Acoustic-based Drowsy Driving Detection Using Smartphones **2019**,		26
77	Delay-Sensitive and Availability-Aware Virtual Network Function Scheduling for NFV. *IEEE Transactions on Services Computing*, **2019**, 1-1	4.8	24
76	Routing with multi-level cross-community social groups in mobile opportunistic networks. *Personal and Ubiquitous Computing*, **2014**, 18, 385-396	2.1	22
75	A unified hybrid information-centric naming scheme for IoT applications. *Computer Communications* , **2020**, 150, 103-114	5.1	22
74	A Context-Aware Multiarmed Bandit Incentive Mechanism for Mobile Crowd Sensing Systems. *IEEE Internet of Things Journal*, **2019**, 6, 7648-7658	10.7	21
73	YouTe driving and texting **2013**,		21
72	. *IEEE Security and Privacy*, **2020**, 18, 35-45	2	21
71	NCP: A near ICN Cache Placement Scheme for IoT-Based Traffic Class **2018**,		21
70	Providing location-aware location privacy protection for mobile location-based services. *Tsinghua Science and Technology*, **2016**, 21, 243-259	3.4	20
69	A Distributed ICN-Based IoT Network Architecture: An Ambient Assisted Living Application Case Study **2017**,		19
68	Enhancing participant selection through caching in mobile crowd sensing **2016**,		18
67	Achieving Optimal Traffic Engineering Using a Generalized Routing Framework. *IEEE Transactions on Parallel and Distributed Systems*, **2016**, 27, 51-65	3.7	16
66	SoundMark: Accurate Indoor Localization via Peer-Assisted Dead Reckoning. *IEEE Internet of Things Journal*, **2018**, 5, 4803-4815	10.7	16
65	Mobile Crowd Wireless Charging Toward Rechargeable Sensors for Internet of Things. *IEEE Internet of Things Journal*, **2018**, 5, 5337-5347	10.7	16
64	Blockchain for E-Health-Care Systems: Easier Said Than Done. *Computer*, **2020**, 53, 57-67	1.6	14
63	QGrid: Q-learning based routing protocol for vehicular ad hoc networks **2014**,		14
62	SDN Controllers. *ACM Computing Surveys*, **2021**, 53, 1-40	13.4	14
61	Interoperability and Synchronization Management of Blockchain-Based Decentralized e-Health Systems. *IEEE Transactions on Engineering Management*, **2020**, 67, 1363-1376	2.6	13

60	Incentives for Delay-Constrained Data Query and Feedback in Mobile Opportunistic Crowdsensing. *Sensors*, **2016**, 16,	3.8	13
59	Multi-copy data dissemination with probabilistic delay constraint in mobile opportunistic device-to-device networks **2016**,		12
58	Optimization Problems in Throwbox-Assisted Delay Tolerant Networks: Which Throwboxes to Activate? How Many Active Ones I Need?. *IEEE Transactions on Computers*, **2016**, 65, 1663-1670	2.5	11
57	Energy efficient social routing framework for mobile social sensing networks. *Tsinghua Science and Technology*, **2016**, 21, 363-373	3.4	10
56	CrowdX **2018**, 2, 1-21		10
55	CondioSense: high-quality context-aware service for audio sensing system via active sonar. *Personal and Ubiquitous Computing*, **2017**, 21, 17-29	2.1	9
54	EchoLoc: Accurate Device-Free Hand Localization Using COTS Devices **2016**,		9
53	ClickLeak: Keystroke Leaks Through Multimodal Sensors in Cyber-Physical Social Networks. *IEEE Access*, **2017**, 5, 27311-27321	3.5	9
52	Listen to Your Fingers **2020**, 4, 1-23		9
51	K-throwbox placement problem in throwbox-assisted delay tolerant networks **2014**,		8
50	Hybrid Position-Based and DTN Forwarding for Vehicular Sensor Networks. *International Journal of Distributed Sensor Networks*, **2012**, 8, 186146	1.7	8
49	Dynamic gesture recognition using wireless signals with less disturbance. *Personal and Ubiquitous Computing*, **2019**, 23, 17-27	2.1	8
48	NNCP: A Named Data Network Control Protocol for IoT Applications **2018**,		8
47	Geo-social: Routing with location and social metrics in mobile opportunistic networks **2015**,		7
46	Social Feature Enhanced Group-Based Routing for Wireless Delay Tolerant Networks **2012**,		7
45	. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 4823-4831	11.9	7
44	PPGPass: Nonintrusive and Secure Mobile Two-Factor Authentication via Wearables **2020**,		7
43	Three-Stage Stackelberg Long-Term Incentive Mechanism and Monetization for Mobile Crowdsensing: An Online Learning Approach. *IEEE Transactions on Network Science and Engineering*, **2021**, 8, 1385-1398	4.9	7

42	Real-Time Detection for Drowsy Driving via Acoustic Sensing on Smartphones. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	6
41	Efficient Topology Design in Time-Evolving and Energy-Harvesting Wireless Sensor Networks **2013**,		6
40	Elastic and Efficient Virtual Network Provisioning for Cloud-Based Multi-tier Applications **2015**,		6
39	A mobility clustering-based roadside units deployment for VANET **2014**,		6
38	DAAC: Digital Asset Access Control in a Unified Blockchain Based E-Health System. *IEEE Transactions on Big Data*, **2020**, 1-1	3.2	6
37	Multi-expertise Aware Participant Selection in Mobile Crowd Sensing via Online Learning **2018**,		6
36	Cumulative Participant Selection with Switch Costs in Large-Scale Mobile Crowd Sensing **2018**,		6
35	GlobeChain: An Interoperable Blockchain for Global Sharing of Healthcare Data—A COVID-19 Perspective. *IEEE Consumer Electronics Magazine*, **2021**, 10, 64-69	3.2	6
34	Hybrid Position-Based and DTN Forwarding in Vehicular Ad Hoc Networks **2012**,		5
33	Participant Grouping for Privacy Preservation in Mobile Crowdsensing over Hierarchical Edge Clouds **2018**,		5
32	. *IEEE Transactions on Services Computing*, **2019**, 1-1	4.8	4
31	T-CAM: Time-based content access control mechanism for ICN subscription systems. *Future Generation Computer Systems*, **2020**, 106, 607-621	7.5	4
30	Distributed load balancing mechanism for detouring schemes of geographic routing in wireless sensor networks. *International Journal of Parallel, Emergent and Distributed Systems*, **2013**, 28, 184-197	1	4
29	When User Interest Meets Data Quality: A Novel User Filter Scheme for Mobile Crowd Sensing **2017** ,		4
28	Closeness-based routing with temporal constraint for mobile social delay tolerant networks **2014**,		4
27	Localized Topologies with Bounded Node Degree for Three Dimensional Wireless Sensor Networks **2011**,		4
26	HearFit: Fitness Monitoring on Smart Speakers via Active Acoustic Sensing **2021**,		4
25	Coexistence of ICN and IP Networks: An NFV as a Service Approach **2019**,		4

24	Space Efficient Quantization for Deep Convolutional Neural Networks. *Journal of Computer Science and Technology*, **2019**, 34, 305-317	1.7	3
23	Multi-layer-based opportunistic data collection in mobile crowdsourcing networks. *World Wide Web* , **2018**, 21, 783-802	2.9	3
22	Energy Efficient Social-Based Routing for Delay Tolerant Networks. *Lecture Notes in Computer Science*, **2014**, 290-301	0.9	3
21	Traffic distribution of circular sailing routing in dense multihop wireless networks. *Tsinghua Science and Technology*, **2013**, 18, 220-229	3.4	3
20	DOLPHIN: Dynamically Optimized and Load Balanced Path for Inter-Domain SDN Communication. *IEEE Transactions on Network and Service Management*, **2021**, 18, 331-346	4.8	3
19	Distributed Load Balancing Mechanism for Detouring Routing Holes in Sensor Networks **2012**,		2
18	Traffic routing in stochastic network function virtualization networks. *Journal of Network and Computer Applications*, **2020**, 169, 102765	7.9	2
17	Survivable Task Allocation in Cloud Radio Access Networks With Mobile-Edge Computing. *IEEE Internet of Things Journal*, **2021**, 8, 1095-1108	10.7	2
16	FallViewer: A Fine-Grained Indoor Fall Detection System With Ubiquitous Wi-Fi Devices. *IEEE Internet of Things Journal*, **2021**, 8, 12455-12466	10.7	2
15	A Markov Chain Prediction Model for Routing in Delay Tolerant Networks. *Lecture Notes in Computer Science*, **2015**, 479-490	0.9	1
14	Self-adaptive anonymous communication scheme under SDN architecture **2015**,		1
13	Routing with multi-level social groups in Mobile Opportunistic Networks **2012**,		1
12	Towards Nonintrusive and Secure Mobile Two-Factor Authentication on Wearables. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	1
11	HearFit+: Personalized Fitness Monitoring via Audio Signals on Smart Speakers. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	1
10	Online Control of Service Function Chainings Across Geo-Distributed Datacenters. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	1
9	FI-Net: A Speech Emotion Recognition Framework with Feature Integration and Data Augmentation **2019**,		1
8	Gait and Respiration Based User Identification Using Wi-Fi Signal. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	1
7	HearSmoking: Smoking Detection in Driving Environment via Acoustic Sensing on Smartphones. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	1

6	Power of Redundancy: Surplus Client Scheduling for Federated Learning against User Uncertainties. *IEEE Transactions on Mobile Computing*, **2022**, 1-1	4.6	1
5	W3W. *ACM Transactions on Sensor Networks*, **2019**, 15, 1-23	2.9	0
4	HDSpeed: Hybrid Detection of Vehicle Speed via Acoustic Sensing on Smartphones. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	0
3	Fair Incentive Mechanism with Imperfect Quality in Privacy-Preserving Crowdsensing. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	0
2	Caching-Enabled Computation Offloading in Multi-Region MEC Network via Deep Reinforcement Learning. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	0
1	A Real-Time Bike Trip Planning Policy With Self-Organizing Bike Redistribution. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-16	6.1	