

# Junbin Liang

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

405  
citations

933447

10  
h-index

888059

17  
g-index

34  
all docs

34  
docs citations

34  
times ranked

492  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cost-Efficient Sensory Data Transmission in Heterogeneous Software-Defined Vehicular Networks. IEEE Sensors Journal, 2016, 16, 7342-7354.	4.7	52
2	A Reliable Trust Computing Mechanism Based on Multisource Feedback and Fog Computing in Social Sensor Cloud. IEEE Internet of Things Journal, 2020, 7, 5481-5490.	8.7	50
3	An Efficient Algorithm for Constructing Maximum lifetime Tree for Data Gathering Without Aggregation in Wireless Sensor Networks. , 2010, , .		46
4	Constructing a CDS-Based Network Backbone for Data Collection in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 258081.	2.2	32
5	A Comprehensive Trustworthy Data Collection Approach in Sensor-Cloud Systems. IEEE Transactions on Big Data, 2022, 8, 140-151.	6.1	32
6	When Privacy Meets Usability: Unobtrusive Privacy Permission Recommendation System for Mobile Apps based on Crowdsourcing. IEEE Transactions on Services Computing, 2016, , 1-1.	4.6	22
7	A Distributed Intelligent Hungarian Algorithm for Workload Balance in Sensor-Cloud Systems Based on Urban Fog Computing. IEEE Access, 2019, 7, 77649-77658.	4.2	19
8	Extracting Target Detection Knowledge Based on Spatiotemporal Information in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2016, 12, 5831471.	2.2	15
9	Understanding Mobile Usersâ€™ Privacy Expectations: A Recommendation-Based Method Through Crowdsourcing. IEEE Transactions on Services Computing, 2019, 12, 304-318.	4.6	13
10	An Ant Colony Optimization-Based Routing Algorithm for Load Balancing in LEO Satellite Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-18.	1.2	13
11	A Survey on Data Storage and Information Discovery in the WSANs-Based Edge Computing Systems. Sensors, 2018, 18, 546.	3.8	12
12	Smart world: a better world. Science China Information Sciences, 2016, 59, 1.	4.3	11
13	A Comparative Study on Two Typical Schemes for Securing Spatial-Temporal Top-k Queries in Two-Tiered Mobile Wireless Sensor Networks. Sensors, 2018, 18, 871.	3.8	11
14	Online Reliability-Enhanced Virtual Network Services Provisioning in Fault-Prone Mobile Edge Cloud. IEEE Transactions on Wireless Communications, 2022, 21, 7299-7313.	9.2	9
15	A Delay-Constrained and Maximum Lifetime Data Gathering Algorithm for Wireless Sensor Networks. , 2009, , .		8
16	Secure fine-grained spatio-temporal Top- $k$ queries in TMWSNs. Future Generation Computer Systems, 2018, 86, 174-184.	7.5	7
17	SLS-STQ: A Novel Scheme for Securing Spatial-Temporal Top- $k$ Queries in TWSNs-Based Edge Computing Systems. IEEE Internet of Things Journal, 2019, 6, 10093-10104.	8.7	7
18	An Extremely Accurate Time Synchronization Mechanism in Fog-Based Vehicular Ad-Hoc Network. IEEE Access, 2020, 8, 253-268.	4.2	6

#	ARTICLE	IF	CITATIONS
19	Distributed Information Exchange With Low Latency for Decision Making in Vehicular Fog Computing. IEEE Internet of Things Journal, 2022, 9, 18166-18181.	8.7	6
20	A Blockchain-Based Authentication Protocol Using Cryptocurrency Technology in LEO Satellite Networks. Electronics (Switzerland), 2021, 10, 3151.	3.1	6
21	An Adaptive Probability Broadcast-Based Data Preservation Protocol in Wireless Sensor Networks. , 2011, , .		4
22	Cascading Target Tracking Control in Wireless Camera Sensor and Actuator Networks. Asian Journal of Control, 2017, 19, 1350-1364.	3.0	4
23	Mobile Sensor Deployment Optimization Algorithm for Maximizing Monitoring Capacity of Large-Scale Acyclic Directed Pipeline Networks in Smart Cities. IEEE Internet of Things Journal, 2020, , 1-1.	8.7	4
24	Verifiable Top- $k$ Query Processing in Tiered Mobile Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 2015, 1-13.	2.2	4
25	Detecting Targets Based on a Realistic Detection and Decision Model in Wireless Sensor Networks. Lecture Notes in Computer Science, 2015, , 836-844.	1.3	3
26	Decentralized Algorithm for Repeating Pattern Formation by Multiple Robots. , 2019, , .		3
27	Low-Delay and High-Coverage Water Distribution Networks Monitoring Using Mobile Sensors. IEEE Access, 2019, 7, 107111-107128.	4.2	2
28	Secure Top- $k$ query in edge-computing-assisted sensor-cloud systems. Journal of Systems Architecture, 2021, 119, 102244.	4.3	2
29	Achieve Adaptive Data Storage and Retrieval Using Mobile Sinks in Wireless Sensor Networks. Wireless Personal Communications, 2018, 101, 1731-1747.	2.7	1
30	Randomized and Optimal Algorithms for $k$ -Lifetime Dominating Set in Wireless Sensor Networks. IEEE Access, 2022, 10, 23774-23784.	4.2	1
31	An Global Uneven Clustering Protocol Based on Collision Decreasing in Environment Integrated Surveillance. , 2008, , .		0
32	STQ-SCS: An Efficient and Secure Scheme for Fine-Grained Spatial-Temporal Top- $k$ Query in Fog-Based Mobile Sensor-Cloud Systems. Security and Communication Networks, 2021, 2021, 1-16.	1.5	0
33	Failure-Tolerant Monitoring Based on Spatial-Temporal Correlation via Mobile Sensors for Large-Scale Acyclic Flow Systems in Smart Cities. IEEE Internet of Things Journal, 2022, 9, 19561-19574.	8.7	0
34	On Zone-Differentiated Time-Constrained Flow Capacity Intelligent Monitoring for Large-Scale Urban Pipeline Systems by Mobile Sensors. IEEE Internet of Things Journal, 2022, 9, 23599-23613.	8.7	0