

# Junbin Liang

## List of Publications by Year in descending order

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34  
papers

405  
citations

933447

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h-index

888059

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34  
all docs

34  
docs citations

34  
times ranked

492  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Trustworthy Data Collection Approach in Sensor-Cloud Systems. IEEE Transactions on Big Data, 2022, 8, 140-151.	6.1	32
2	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
3	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
4	Randomized and Optimal Algorithms for $k$ -Lifetime Dominating Set in Wireless Sensor Networks. IEEE Access, 2022, 10, 23774-23784.	4.2	1
5	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
6	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
7	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
8	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
9	Secure Top- $k$ query in edge-computing-assisted sensor-cloud systems. Journal of Systems Architecture, 2021, 119, 102244.	4.3	2
10	A Blockchain-Based Authentication Protocol Using Cryptocurrency Technology in LEO Satellite Networks. Electronics (Switzerland), 2021, 10, 3151.	3.1	6
11	An Extremely Accurate Time Synchronization Mechanism in Fog-Based Vehicular Ad-Hoc Network. IEEE Access, 2020, 8, 253-268.	4.2	6
12	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
13	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
14	Low-Delay and High-Coverage Water Distribution Networks Monitoring Using Mobile Sensors. IEEE Access, 2019, 7, 107111-107128.	4.2	2
15	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
16	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
17	Decentralized Algorithm for Repeating Pattern Formation by Multiple Robots. , 2019, , .		3
18	Understanding Mobile Users' Privacy Expectations: A Recommendation-Based Method Through Crowdsourcing. IEEE Transactions on Services Computing, 2019, 12, 304-318.	4.6	13

#	ARTICLE	IF	CITATIONS
19	Secure fine-grained spatio-temporal Top- $k$ queries in TMWSNs. Future Generation Computer Systems, 2018, 86, 174-184.	7.5	7
20	A Survey on Data Storage and Information Discovery in the WSANs-Based Edge Computing Systems. Sensors, 2018, 18, 546.	3.8	12
21	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
22	Achieve Adaptive Data Storage and Retrieval Using Mobile Sinks in Wireless Sensor Networks. Wireless Personal Communications, 2018, 101, 1731-1747.	2.7	1
23	Cascading Target Tracking Control in Wireless Camera Sensor and Actuator Networks. Asian Journal of Control, 2017, 19, 1350-1364.	3.0	4
24	Cost-Efficient Sensory Data Transmission in Heterogeneous Software-Defined Vehicular Networks. IEEE Sensors Journal, 2016, 16, 7342-7354.	4.7	52
25	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
26	Smart world: a better world. Science China Information Sciences, 2016, 59, 1.	4.3	11
27	Extracting Target Detection Knowledge Based on Spatiotemporal Information in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2016, 12, 5831471.	2.2	15
28	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
29	Verifiable Top- $k$ Query Processing in Tiered Mobile Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 2015, 1-13.	2.2	4
30	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
31	An Adaptive Probability Broadcast-Based Data Preservation Protocol in Wireless Sensor Networks. , 2011, , .		4
32	An Efficient Algorithm for Constructing Maximum lifetime Tree for Data Gathering Without Aggregation in Wireless Sensor Networks. , 2010, , .		46
33	A Delay-Constrained and Maximum Lifetime Data Gathering Algorithm for Wireless Sensor Networks. , 2009, , .		8
34	An Global Uneven Clustering Protocol Based on Collision Decreasing in Environment Integrated Surveillance. , 2008, , .		0