

# Jianzhong Li

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/400192/jianzhong-li-publications-by-year.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

113  
papers

1,580  
citations

20  
h-index

36  
g-index

139  
ext. papers

1,826  
ext. citations

2.9  
avg, IF

5.15  
L-index

#	Paper	IF	Citations
113	Durable Subgraph Matching on Temporal Graphs. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2022</b> , 1-1	4.2	
112	A Distributed Framework for Low Latency Data Collection in Battery-free Wireless Sensor Networks. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	1
111	Approximated Assignment Algorithms for Unordered and Ordered Tasks in Data Shared MEC Systems. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 1-1	4.6	
110	Auto-Model: Utilizing Research Papers and HPO Techniques to Deal with the CASH problem <b>2020</b> ,		3
109	SUM-optimal histograms for approximate query processing. <i>Knowledge and Information Systems</i> , <b>2020</b> , 62, 3155-3180	2.4	
108	TAILOR: time-aware facility location recommendation based on massive trajectories. <i>Knowledge and Information Systems</i> , <b>2020</b> , 62, 3783-3810	2.4	
107	Diversification on big data in query processing. <i>Frontiers of Computer Science</i> , <b>2020</b> , 14, 1	2.2	2
106	A survey of uncertain data management. <i>Frontiers of Computer Science</i> , <b>2020</b> , 14, 162-190	2.2	6
105	Efficiently Mining Frequent Itemsets on Massive Data. <i>IEEE Access</i> , <b>2019</b> , 7, 31409-31421	3.5	13
104	Fast diversified coherent core search on multi-layer graphs. <i>VLDB Journal</i> , <b>2019</b> , 28, 597-622	3.9	4
103	Discovery of MicroDependencies. <i>IEEE Access</i> , <b>2019</b> , 7, 50198-50213	3.5	
102	Bit-Oriented Sampling for Aggregation on Big Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2019</b> , 1-1	4.2	1
101	FreshJoin: An Efficient and Adaptive Algorithm for Set Containment Join. <i>Data Science and Engineering</i> , <b>2019</b> , 4, 293-308	3.6	6
100	Task Assignment Algorithms in Data Shared Mobile Edge Computing Systems <b>2019</b> ,		7
99	Ranking the big sky: efficient top-k skyline computation on massive data. <i>Knowledge and Information Systems</i> , <b>2019</b> , 60, 415-446	2.4	2
98	AutoRepair: an automatic repairing approach over multi-source data. <i>Knowledge and Information Systems</i> , <b>2019</b> , 61, 227-257	2.4	4
97	Task Scheduling in Deadline-Aware Mobile Edge Computing Systems. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 4854-4866	10.7	81

96	Efficiently processing deterministic approximate aggregation query on massive data. <i>Knowledge and Information Systems</i> , <b>2018</b> , 57, 437-473	2.4	2
95	Efficient histogram-based range query estimation for dirty data. <i>Frontiers of Computer Science</i> , <b>2018</b> , 12, 984-999	2.2	1
94	Fast Rectangle Counting on Massive Networks <b>2018</b> ,		2
93	Distributed Low-Latency Data Aggregation for Duty-Cycle Wireless Sensor Networks. <i>IEEE/ACM Transactions on Networking</i> , <b>2018</b> , 26, 2347-2360	3.8	28
92	Efficient Computation of Skyline Queries on Incomplete Dynamic Data. <i>IEEE Access</i> , <b>2018</b> , 6, 52741-52753	3.5	1
91	Energy-Collision Aware Data Aggregation Scheduling for Energy Harvesting Sensor Networks <b>2018</b> ,		44
90	Minimized-cost cube query on heterogeneous information networks. <i>Journal of Combinatorial Optimization</i> , <b>2017</b> , 33, 339-364	0.9	0
89	Scheduling Flows With Multiple Service Frequency Constraints. <i>IEEE Internet of Things Journal</i> , <b>2017</b> , 4, 496-504	10.7	18
88	Towards efficient top-k reliability search on uncertain graphs. <i>Knowledge and Information Systems</i> , <b>2017</b> , 50, 723-750	2.4	0
87	Exploring Connected Dominating Sets in Energy Harvest Networks. <i>IEEE/ACM Transactions on Networking</i> , <b>2017</b> , 25, 1803-1817	3.8	35
86	Efficient Top-k Dominating Computation on Massive Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2017</b> , 29, 1199-1211	4.2	10
85	Extracting Kernel Dataset from Big Sensory Data in Wireless Sensor Networks. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2017</b> , 29, 813-827	4.2	123
84	Achieving Effective $\$k\$$ -Anonymity for Query Privacy in Location-Based Services. <i>IEEE Access</i> , <b>2017</b> , 5, 24580-24592	3.5	10
83	Approximate Sensory Data Collection: A Survey. <i>Sensors</i> , <b>2017</b> , 17,	3.8	16
82	Any-Time Methods for Time-Series Prediction with Missing Observations <b>2017</b> ,		1
81	Distributed Data Aggregation Scheduling in Multi-Channel and Multi-Power Wireless Sensor Networks. <i>IEEE Access</i> , <b>2017</b> , 5, 27887-27896	3.5	10
80	Location-privacy-aware review publication mechanism for local business service systems <b>2017</b> ,		67
79	Approximation for vertex cover in (beta )-conflict graphs. <i>Journal of Combinatorial Optimization</i> , <b>2017</b> , 34, 1052-1059	0.9	

78	SimRank on Uncertain Graphs. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2017</b> , 29, 2522-2536.	4.2	1
77	A Study on Application-Aware Scheduling in Wireless Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2017</b> , 16, 1787-1801	4.6	68
76	Centralized and Distributed Delay-Bounded Scheduling Algorithms for Multicast in Duty-Cycled Wireless Sensor Networks. <i>IEEE/ACM Transactions on Networking</i> , <b>2017</b> , 25, 3573-3586	3.8	18
75	Approximate event detection over multi-modal sensing data. <i>Journal of Combinatorial Optimization</i> , <b>2016</b> , 32, 1002-1016	0.9	23
74	Data Inconsistency Evaluation for Cyberphysical System. <i>International Journal of Distributed Sensor Networks</i> , <b>2016</b> , 12, 9496878	1.7	1
73	Skyline for geo-textual data. <i>Geoinformatica</i> , <b>2016</b> , 20, 453-469	2.5	11
72	$((\alpha, \tau))$ -Monitoring for event detection in wireless sensor networks. <i>Journal of Combinatorial Optimization</i> , <b>2016</b> , 32, 985-1001	0.9	
71	Evaluating entity-description conflict on duplicated data. <i>Journal of Combinatorial Optimization</i> , <b>2016</b> , 31, 918-941	0.9	3
70	Efficient entity resolution based on subgraph cohesion. <i>Knowledge and Information Systems</i> , <b>2016</b> , 46, 285-314	2.4	12
69	Extend tree edit distance for effective object identification. <i>Knowledge and Information Systems</i> , <b>2016</b> , 46, 629-656	2.4	2
68	TKAP: Efficiently processing top-k query on massive data by adaptive pruning. <i>Knowledge and Information Systems</i> , <b>2016</b> , 47, 301-328	2.4	4
67	An efficient pruning strategy for approximate string matching over suffix tree. <i>Knowledge and Information Systems</i> , <b>2016</b> , 49, 121-141	2.4	4
66	Efficient graph similarity join for information integration on graphs. <i>Frontiers of Computer Science</i> , <b>2016</b> , 10, 317-329	2.2	9
65	A minimized-rule based approach for improving data currency. <i>Journal of Combinatorial Optimization</i> , <b>2016</b> , 32, 812-841	0.9	3
64	Gateway Selection Game in Cyber-Physical Systems. <i>International Journal of Distributed Sensor Networks</i> , <b>2016</b> , 12, 7190767	1.7	2
63	SimRank computation on uncertain graphs <b>2016</b> ,		12
62	Drawing dominant dataset from big sensory data in wireless sensor networks <b>2015</b> ,		78
61	Composite event coverage in wireless sensor networks with heterogeneous sensors <b>2015</b> ,		44

60	Rule-Based Method for Entity Resolution. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2015</b> , 27, 250-263	4.2	29
59	TDEP: efficiently processing top-k dominating query on massive data. <i>Knowledge and Information Systems</i> , <b>2015</b> , 43, 689-718	2.4	16
58	SEPT: an efficient skyline join algorithm on massive data. <i>Knowledge and Information Systems</i> , <b>2015</b> , 43, 355-388	2.4	2
57	Data Collection in Multi-Application Sharing Wireless Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 403-412	3.7	14
56	Efficient subgraph join based on connectivity similarity. <i>World Wide Web</i> , <b>2015</b> , 18, 871-887	2.9	2
55	Energy-Efficient Algorithm for Multicasting in Duty-Cycled Sensor Networks. <i>Sensors</i> , <b>2015</b> , 15, 31224-43,8	3.8	17
54	Efficient Top-k Retrieval on Massive Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2015</b> , 27, 2687-2699	4.2	8
53	Curve Query Processing in Wireless Sensor Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 5198-5209	6.8	107
52	Novel $\epsilon$ -Approximation to Data Streams in Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 1654-1667	3.7	4
51	Deadline Aware Retransmission Threshold Setting Protocol in Cyber-Physical Systems. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 11, 271259	1.7	1
50	Minimized Cost Gateway Deployment in Cyber-Physical Systems. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 11, 813656	1.7	3
49	Handling Interservice Time Constraints in Wireless Networks. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 11, 280109	1.7	
48	Approximate multiple count in Wireless Sensor Networks <b>2014</b> ,		4
47	Incremental Detection of Inconsistencies in Distributed Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2014</b> , 26, 1367-1383	4.2	16
46	An improved distributed data aggregation scheduling in wireless sensor networks. <i>Journal of Combinatorial Optimization</i> , <b>2014</b> , 27, 221-240	0.9	7
45	Relative accuracy evaluation. <i>PLoS ONE</i> , <b>2014</b> , 9, e103853	3.7	1
44	Approximate Physical World Reconstruction Algorithms in Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 3099-3110	3.7	50
43	Secure Continuous Aggregation in Wireless Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 762-774	3.7	4

42	Efficient Skyline Computation on Big Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2013</b> , 25, 2521-2535	4.2	43
41	$O(\sqrt{n})$ -Approximation to physical world by sensor networks <b>2013</b> ,		16
40	$\epsilon$ -Approximation to data streams in sensor networks <b>2013</b> ,		3
39	Application-aware data collection in Wireless Sensor Networks <b>2013</b> ,		12
38	$(\epsilon, \delta)$ -Approximate Aggregation Algorithms in Dynamic Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2012</b> , 23, 385-396	3.7	26
37	Grouping-Enhanced Resilient Probabilistic En-Route Filtering of Injected False Data in WSNs. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2012</b> , 23, 881-889	3.7	4
36	Mining frequent subgraphs over uncertain graph databases under probabilistic semantics. <i>VLDB Journal</i> , <b>2012</b> , 21, 753-777	3.9	20
35	PI-Join: Efficiently processing join queries on massive data. <i>Knowledge and Information Systems</i> , <b>2012</b> , 32, 527-557	2.4	7
34	Privacy-preserving and secure top-k query in two-tier wireless sensor network <b>2012</b> ,		4
33	Adding regular expressions to graph reachability and pattern queries. <i>Frontiers of Computer Science</i> , <b>2012</b> , 6, 313-338	2.2	15
32	Efficient Algorithms for Summarizing Graph Patterns. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2011</b> , 23, 1388-1405	4.2	5
31	Minimum-time aggregation scheduling in multi-sink sensor networks <b>2011</b> ,		17
30	Making Aggregation Scheduling Usable in Wireless Sensor Networks: An Opportunistic Approach <b>2011</b> ,		2
29	Target Tracking under Uncertainty in Wireless Sensor Networks <b>2011</b> ,		7
28	Global weighted fairness guaranteed congestion avoidance protocol for wireless sensor networks <b>2011</b> ,		2
27	Multiple task scheduling for low-duty-cycled wireless sensor networks <b>2011</b> ,		29
26	Secure continuous aggregation via sampling-based verification in wireless sensor networks <b>2011</b> ,		2
25	An Efficient Algorithm for Cut Vertex Detection in Wireless Sensor Networks <b>2010</b> ,		13

24	Finding top-k maximal cliques in an uncertain graph <b>2010</b> ,		57
23	Mining Frequent Subgraph Patterns from Uncertain Graph Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2010</b> , 22, 1203-1218	4.2	88
22	Maximize the Lifetime of a Data-gathering Wireless Sensor Network <b>2009</b> ,		7
21	State of Tanzania e-readiness and e-commerce: Overview. <i>Information Technology for Development</i> , <b>2009</b> , 15, 302-311	3.3	9
20	Cluster based parallel database management system for data intensive computing. <i>Frontiers of Computer Science</i> , <b>2009</b> , 3, 302-314		
19	Replica Placement in Multi-tier Data Grid <b>2009</b> ,		6
18	A ROI-Based Mining Method with Medical Domain Knowledge Guidance <b>2008</b> ,		2
17	Probing Queries in Wireless Sensor Networks <b>2008</b> ,		8
16	QoS as Means of Providing WSNs Security <b>2008</b> ,		6
15	A load balancing replica placement strategy in Data Grid <b>2008</b> ,		5
14	Anonymizing Streaming Data for Privacy Protection <b>2008</b> ,		34
13	Clustered Chain Path Index for XML Document: Efficiently Processing Branch Queries. <i>World Wide Web</i> , <b>2008</b> , 11, 153-168	2.9	4
12	Coding-based Join Algorithms for Structural Queries on Graph-Structured XML Document. <i>World Wide Web</i> , <b>2008</b> , 11, 485-510	2.9	9
11	Tasks Allocation for Real-Time Applications in Heterogeneous Sensor Networks for Energy Minimization <b>2007</b> ,		15
10	An Efficient Clustering-Based Method for Data Gathering and Compressing in Sensor Networks <b>2007</b> ,		1
9	Spatio-temporal Pattern Query Processing based on Effective Trajectory Splitting Models in Moving Object Database <b>2006</b> ,		3
8	WSN01-6: Event Query Processing Based on Data-Centric Storage in Wireless Sensor Networks. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , <b>2006</b> ,		3
7	SlidingWindow based Multi-Join Algorithms over Distributed Data Streams <b>2006</b> ,		1

6	The design and implementation of a digital music library. <i>International Journal on Digital Libraries</i> , <b>2006</b> , 6, 82-97	1.4	6
5	OLAP for XML Data <b>2005</b> ,		2
4	Efficient aggregation algorithms on very large compressed data warehouses. <i>Journal of Computer Science and Technology</i> , <b>2000</b> , 15, 213-229	1.7	2
3	A model-free and stable gene selection in microarray data analysis		1
2	A music data model and its application		2
1	Efficient trajectory compression and range query processing. <i>World Wide Web</i> ,1	2.9	0