

Lu Chen

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

593
citations

687335

13
h-index

752679

20
g-index

55
all docs

55
docs citations

55
times ranked

490
citing authors

#	ARTICLE	IF	CITATIONS
1	UlTraMan. Proceedings of the VLDB Endowment, 2018, 11, 787-799.	3.8	64
2	Price-and-Time-Aware Dynamic Ridesharing. , 2018, , .		39
3	Efficient metric indexing for similarity search. , 2015, , .		34
4	Pivot-based metric indexing. Proceedings of the VLDB Endowment, 2017, 10, 1058-1069.	3.8	34
5	Context-aware, preference-based vehicle routing. VLDB Journal, 2020, 29, 1149-1170.	4.1	29
6	Efficient Metric Indexing for Similarity Search and Similarity Joins. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 556-571.	5.7	26
7	Metric Similarity Joins Using MapReduce. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 656-669.	5.7	22
8	Efficient k -closest pair queries in general metric spaces. VLDB Journal, 2015, 24, 415-439.	4.1	20
9	Probabilistic skyline queries on uncertain time series. Neurocomputing, 2016, 191, 224-237.	5.9	20
10	Indexing metric uncertain data for range queries and range joins. VLDB Journal, 2017, 26, 585-610.	4.1	16
11	MetaKG: Meta-Learning on Knowledge Graph for Cold-Start Recommendation. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 9850-9863.	5.7	16
12	Efficient distributed reachability querying of massive temporal graphs. VLDB Journal, 2019, 28, 871-896.	4.1	15
13	Dragoon: a hybrid and efficient big trajectory management system for offline and online analytics. VLDB Journal, 2021, 30, 287-310.	4.1	14
14	PTrider. Proceedings of the VLDB Endowment, 2018, 11, 1938-1941.	3.8	14
15	Metric All- k -Nearest-Neighbor Search. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 98-112.	5.7	13
16	On Efficient k -Skyband Query Processing over Incomplete Data. Lecture Notes in Computer Science, 2013, , 424-439.	1.3	13
17	Answering why-not questions on metric probabilistic range queries. , 2016, , .		12
18	Distributed Similarity Queries in Metric Spaces. Data Science and Engineering, 2019, 4, 93-108.	6.4	12

#	ARTICLE	IF	CITATIONS
19	Efficient and Incremental Clustering Algorithms on Star-Schema Heterogeneous Graphs. , 2019, , .		12
20	Distributed time-respecting flow graph pattern matching on temporal graphs. World Wide Web, 2020, 23, 609-630.	4.0	12
21	Answering Skyline Queries Over Incomplete Data With Crowdsourcing. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1360-1374.	5.7	12
22	On efficient k-optimal-location-selection query processing in metric spaces. Information Sciences, 2015, 298, 98-117.	6.9	11
23	E ² DTC: An End to End Deep Trajectory Clustering Framework via Self-Training. , 2021, , .		11
24	Efficient algorithms for finding the most desirable skyline objects. Knowledge-Based Systems, 2015, 89, 250-264.	7.1	10
25	DBSCAN-MS: Distributed Density-Based Clustering in Metric Spaces. , 2019, , .		10
26	Scalable Hypergraph-Based Image Retrieval and Tagging System. , 2018, , .		9
27	Statistical Inference of Diffusion Networks. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	9
28	An Experimental Survey of Missing Data Imputation Algorithms. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-20.	5.7	9
29	I2RS. Proceedings of the VLDB Endowment, 2015, 8, 1884-1887.	3.8	7
30	Indexing Metric Uncertain Data for Range Queries. , 2015, , .		7
31	VIPTRA: Visualization and Interactive Processing on Big Trajectory Data. , 2018, , .		6
32	All-Visible-k-Nearest-Neighbor Queries. Lecture Notes in Computer Science, 2012, , 392-407.	1.3	6
33	Towards Query Pricing on Incomplete Data. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4024-4036.	5.7	5
34	SOUP: Spatial-Temporal Demand Forecasting and Competitive Supply. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	5
35	Pivot selection algorithms in metric spaces: a survey and experimental study. VLDB Journal, 2022, 31, 23-47.	4.1	5
36	Distributed k-Nearest Neighbor Queries in Metric Spaces. Lecture Notes in Computer Science, 2018, , 236-252.	1.3	5

#	ARTICLE	IF	CITATIONS
37	Efficient Metric All-k-Nearest-Neighbor Search on Datasets Without Any Index. Journal of Computer Science and Technology, 2016, 31, 1194-1211.	1.5	4
38	Towards distributed node similarity search on graphs. World Wide Web, 2020, 23, 3025-3053.	4.0	4
39	CollaborEM: A Self-supervised Entity Matching Framework Using Multi-features Collaboration. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	4
40	Indexing Metric Spaces for Exact Similarity Search. ACM Computing Surveys, 2023, 55, 1-39.	23.0	4
41	Browse with a social web directory. , 2013, , .		3
42	Parallel k-Skyband Computation on Multicore Architecture. Lecture Notes in Computer Science, 2013, , 827-837.	1.3	3
43	Efficient Distributed Clustering Algorithms on Star-Schema Heterogeneous Graphs. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4781-4796.	5.7	3
44	Efficient Similarity Search on Quasi-Metric Graphs. IEEE Access, 2019, 7, 101496-101512.	4.2	2
45	Answering Skyline Queries over Incomplete Data with Crowdsourcing(Extended Abstract). , 2020, , .		1
46	When Transfer Learning Meets Cross-City Urban Flow Prediction: Spatio-Temporal Adaptation Matters. , 2022, , .		1
47	Constrained All-<i>k</i>-Nearest-Neighbor Search. Applied Mechanics and Materials, 0, 239-240, 1387-1394.	0.2	0
48	Commodity query by snapping. , 2013, , .		0
49	Metric all-k-nearest-neighbor search. , 2016, , .		0
50	Metric Similarity Joins Using MapReduce (Extended Abstract). , 2018, , .		0
51	Special Issue Editorial. Data Science and Engineering, 2018, 3, 85-85.	6.4	0
52	Guest editorial: special issue on Web data querying, mining, and privacy preserving. World Wide Web, 2019, 22, 1951-1952.	4.0	0
53	Towards Query Pricing on Incomplete Data (Extended Abstract). , 2021, , .		0
54	Computing Skyline Probabilities on Uncertain Time Series. Lecture Notes in Computer Science, 2015, , 61-71.	1.3	0

#	ARTICLE	IF	CITATIONS
55	Aggregate k Nearest Neighbor Queries in Metric Spaces. Lecture Notes in Computer Science, 2018, , 317-333.	1.3	0