Chuan Xiao

List of Publications by Year
in descending order

51	1,442	759233	454955
papers	citations	12	30
		h-index	g-index

51	51	51	678
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient similarity joins for near duplicate detection. , 2008, , .		294
2	Efficient similarity joins for near-duplicate detection. ACM Transactions on Database Systems, 2011, 36, 1-41.	2.8	230
3	Ed-Join. Proceedings of the VLDB Endowment, 2008, 1, 933-944.	3.8	183
4	Top-k Set Similarity Joins. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	131
5	Efficient approximate entity extraction with edit distance constraints. , 2009, , .		83
6	Efficient exact edit similarity query processing with the asymmetric signature scheme. , 2011, , .		71
7	Efficient processing of graph similarity queries with edit distance constraints. VLDB Journal, 2013, 22, 727-752.	4.1	44
8	Efficient Graph Similarity Joins with Edit Distance Constraints. , 2012, , .		42
9	Efficient structure similarity searches: a partition-based approach. VLDB Journal, 2018, 27, 53-78.	4.1	38
10	VChunkJoin: An Efficient Algorithm for Edit Similarity Joins. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1916-1929.	5.7	35
11	A partition-based approach to structure similarity search. Proceedings of the VLDB Endowment, 2013, 7, 169-180.	3.8	33
12	Efficient error-tolerant query autocompletion. Proceedings of the VLDB Endowment, 2013, 6, 373-384.	3.8	31
13	Pigeonring. Proceedings of the VLDB Endowment, 2018, 12, 28-42.	3.8	17
14	Efficient Query Processing for Streamed XML Fragments. Lecture Notes in Computer Science, 2006, , 468-482.	1.3	16
15	Asymmetric signature schemes for efficient exact edit similarity query processing. ACM Transactions on Database Systems, 2013, 38, 1-44.	2.8	13
16	Local Similarity Search for Unstructured Text. , 2016, , .		13
17	Frequent Subgraph Mining Based on Pregel. Computer Journal, 2016, 59, 1113-1128.	2.4	13
18	Dynamic Set kNN Self-Join. , 2019, , .		13

#	Article	IF	Citations
19	Monotonic Cardinality Estimation of Similarity Selection: A Deep Learning Approach. , 2020, , .		12
20	Fast subtrajectory similarity search in road networks under weighted edit distance constraints. Proceedings of the VLDB Endowment, 2020, 13, 2188-2201.	3.8	12
21	CiNCT: Compression and Retrieval for Massive Vehicular Trajectories via Relative Movement Labeling. , 2018, , .		11
22	GPH: Similarity Search in Hamming Space. , 2018, , .		11
23	An Efficient Algorithm for Location-Aware Query Autocompletion. IEICE Transactions on Information and Systems, 2018, E101.D, 181-192.	0.7	10
24	Generalizing the Pigeonhole Principle for Similarity Search in Hamming Space. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	10
25	Load Shedding for Window Joins over Streams. Lecture Notes in Computer Science, 2006, , 472-483.	1.3	7
26	Similarity query processing for high-dimensional data. Proceedings of the VLDB Endowment, 2020, 13, 3437-3440.	3.8	6
27	Finding the Sites with Best Accessibilities to Amenities. Lecture Notes in Computer Science, 2011, , 58-72.	1.3	5
28	Enhanced Indexing and Querying of Trajectories in Road Networks via String Algorithms. ACM Transactions on Spatial Algorithms and Systems, 2018, 4, 1-41.	1.4	5
29	High-Dimensional Similarity Query Processing for Data Science. , 2021, , .		5
30	Combination Skyline Queries. Lecture Notes in Computer Science, 2012, , 1-30.	1.3	5
31	Efficient query autocompletion with edit distance-based error tolerance. VLDB Journal, 2020, 29, 919-943.	4.1	4
32	Improving Performance of Graph Similarity Joins Using Selected Substructures. Lecture Notes in Computer Science, 2014, , 156-172.	1.3	4
33	Load Shedding for Window Joins over Streams. Journal of Computer Science and Technology, 2007, 22, 182-189.	1.5	3
34	Trie-based similarity search and join. , 2013, , .		3
35	Content-Based Element Search for Presentation Slide Reuse. IEICE Transactions on Information and Systems, 2014, E97.D, 2685-2696.	0.7	3
36	Efficient and Scalable Graph Similarity Joins in MapReduce. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	3

#	Article	IF	Citations
37	Processing Probabilistic Range Queries over Gaussian-Based Uncertain Data. Lecture Notes in Computer Science, 2013, , 410-428.	1.3	3
38	BEVA. ACM Transactions on Database Systems, 2016, 41, 1-44.	2.8	3
39	Buffer-Preposed QoS Adaptation Framework and Load Shedding Techniques over Streams. Lecture Notes in Computer Science, 2006, , 234-246.	1.3	3
40	Region-Based Coding for Queries over Streamed XML Fragments. Lecture Notes in Computer Science, 2006, , 487-498.	1.3	3
41	Practising Scalable Graph Similarity Joins in MapReduce. , 2014, , .		2
42	Autocompletion for Prefix-Abbreviated Input. , 2019, , .		2
43	Scope-aware Code Completion with Discriminative Modeling. Journal of Information Processing, 2019, 27, 469-478.	0.4	2
44	Probabilistic Range Querying over Gaussian Objects. IEICE Transactions on Information and Systems, 2014, E97.D, 694-704.	0.7	1
45	Top-k Similarity Search over Gaussian Distributions Based on KL-Divergence. Journal of Information Processing, 2016, 24, 152-163.	0.4	1
46	Histogram Construction for Difference Analysis of Spatio-Temporal Data on Array DBMS. Lecture Notes in Computer Science, 2018, , 41-52.	1.3	1
47	Document Fragmentation for XML Streams Based on Query Statistics. Lecture Notes in Computer Science, 2006, , 350-356.	1.3	1
48	Efficient Evaluation of Multiple Queries on Streamed XML Fragments. Lecture Notes in Computer Science, 2006, , 61-72.	1.3	1
49	A Space-Efficient Indexing Algorithm for Boolean Query Processing. Lecture Notes in Computer Science, 2012, , 638-644.	1.3	0
50	Efficient Subgraph Similarity All-Matching. Lecture Notes in Computer Science, 2012, , 455-469.	1.3	0
51	A Framework for Presentation Slide Design Support. , 2017, , .		0