Xin Cao

List of Publications by Year
in descending order

43 papers	1,793 citations	687363 13 h-index	794594 19 g-index
43 all docs	43 docs citations	43 times ranked	907 citing authors

#	Article	IF	Citations
1	Mining significant semantic locations from GPS data. Proceedings of the VLDB Endowment, 2010, 3, 1009-1020.	3.8	257
2	Collective spatial keyword querying. , 2011, , .		215
3	Temporal Spatial-Keyword Top-k publish/subscribe. , 2015, , .		104
4	Spatial Keyword Querying. Lecture Notes in Computer Science, 2012, , 16-29.	1.3	91
5	Retrieving top-k prestige-based relevant spatial web objects. Proceedings of the VLDB Endowment, 2010, 3, 373-384.	3.8	87
6	Keyword-aware optimal route search. Proceedings of the VLDB Endowment, 2012, 5, 1136-1147.	3.8	86
7	An efficient query indexing mechanism for filtering geo-textual data. , 2013, , .		84
8	Efficient Algorithms for Answering the m-Closest Keywords Query. , 2015, , .		77
9	Effective and efficient community search over large heterogeneous information networks. Proceedings of the VLDB Endowment, 2020, 13, 854-867.	3.8	77
10	The use of categorization information in language models for question retrieval. , 2009, , .		72
11	A generalized framework of exploring category information for question retrieval in community question answer archives. , 2010, , .		72
12	Efficient Computing of Radius-Bounded k-Cores. , 2018, , .		62
13	Efficient Processing of Spatial Group Keyword Queries. ACM Transactions on Database Systems, 2015, 40, 1-48.	2.8	58
14	A Foundation for Efficient Indoor Distance-Aware Query Processing. , 2012, , .		54
15	Location-Aware Top-k Term Publish/Subscribe. , 2018, , .		38
16	Approaches to Exploring Category Information for Question Retrieval in Community Question-Answer Archives. ACM Transactions on Information Systems, 2012, 30, 1-38.	4.9	34
17	Retrieving regions of interest for user exploration. Proceedings of the VLDB Endowment, 2014, 7, 733-744.	3.8	33
18	Maximizing bichromatic reverse spatial and textual k nearest neighbor queries. Proceedings of the VLDB Endowment, 2016, 9, 456-467.	3.8	28

#	Article	IF	Citations
19	Inductive Link Prediction for Nodes Having Only Attribute Information. , 2020, , .		28
20	Distributed Algorithms on Exact Personalized PageRank. , 2017, , .		25
21	Detecting Communities from Heterogeneous Graphs. , 2021, , .		24
22	Group-based collective keyword querying in road networks. Information Processing Letters, 2017, 118, 83-90.	0.6	22
23	SOPS. Proceedings of the VLDB Endowment, 2014, 7, 1601-1604.	3.8	20
24	Augmented keyword search on spatial entity databases. VLDB Journal, 2018, 27, 225-244.	4.1	19
25	Efficient Attribute-Constrained Co-Located Community Search. , 2020, , .		18
26	PrivSem: Protecting location privacy using semantic and differential privacy. World Wide Web, 2019, 22, 2407-2436.	4.0	15
27	Detecting Multiple Periods and Periodic Patterns in Event Time Sequences. , 2017, , .		13
28	Monotonic Cardinality Estimation of Similarity Selection: A Deep Learning Approach. , 2020, , .		12
29	Efficient Community Search over Large Directed Graph: An Augmented Index-based Approach. , 2020, , .		11
30	SWORS. Proceedings of the VLDB Endowment, 2012, 5, 1914-1917.	3.8	10
31	Efficient Radius-Bounded Community Search in Geo-Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4186-4200.	5.7	10
32	ABLE: Meta-Path Prediction in Heterogeneous Information Networks. ACM Transactions on Knowledge Discovery From Data, 2022, 16, 1-21.	3.5	9
33	KORS: Keyword-aware Optimal Route Search System. , 2013, , .		5
34	Efficient Search of the Most Cohesive Co-located Community in Attributed Networks. Lecture Notes in Computer Science, 2019, , 398-415.	1.3	4
35	Accelerating large scale centroid-based clustering with locality sensitive hashing. , 2016, , .		3
36	Accelerate MaxBRkNN Search by kNN Estimation. , 2019, , .		3

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37	Best Co-Located Community Search in Attributed Networks. , 2019, , .		3
38	Multiple-user closest keyword-set querying in road networks. Information Sciences, 2020, 509, 133-149.	6.9	3
39	Convergence Analysis of Gradient Descent for Eigenvector Computation. , 2018, , .		2
40	Relation Prediction via Graph Neural Network in Heterogeneous Information Networks with Missing Type Information. , 2021, , .		2
41	Optimal Region Search with Submodular Maximization. , 2020, , .		2
42	A unified linear convergence analysis of k-SVD. Memetic Computing, 2020, 12, 343-353.	4.0	1
43	CP-GNN: A Software for Community Detection in Heterogeneous Information Networks. Software Impacts, 2021, 10, 100169.	1.4	0