

Jianhua Feng

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

4,014
citations

346980

22
h-index

286692

43
g-index

100
all docs

100
docs citations

100
times ranked

2026
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactively discovering and ranking desired tuples by data exploration. VLDB Journal, 2022, 31, 753-777.	2.7	3
2	A New Approach to Regional Traffic Estimation for Intelligent Transport Systems. Journal of Advanced Transportation, 2022, 2022, 1-9.	0.9	0
3	Mis-categorized entities detection. VLDB Journal, 2021, 30, 515-536.	2.7	1
4	DBMind. Proceedings of the VLDB Endowment, 2021, 14, 2743-2746.	2.1	11
5	A learned query rewrite system using Monte Carlo tree search. Proceedings of the VLDB Endowment, 2021, 15, 46-58.	2.1	23
6	Query performance prediction for concurrent queries using graph embedding. Proceedings of the VLDB Endowment, 2020, 13, 1416-1428.	2.1	43
7	Towards Automatic Mathematical Exercise Solving. Data Science and Engineering, 2019, 4, 179-192.	4.6	7
8	MathGraph: A Knowledge Graph for Automatically Solving Mathematical Exercises. Lecture Notes in Computer Science, 2019, , 760-776.	1.0	3
9	Cleaning Your Wrong Google Scholar Entries. , 2018, , .		2
10	A partial-order-based framework for cost-effective crowdsourced entity resolution. VLDB Journal, 2018, 27, 745-770.	2.7	27
11	Discovering Mis-Categorized Entities. , 2018, , .		3
12	An Efficient Ride-Sharing Framework for Maximizing Shared Routes. , 2018, , .		7
13	Distilling relations using knowledge bases. VLDB Journal, 2018, 27, 497-519.	2.7	8
14	Developing a Provenance Warehouse for the Systematic Brain Informatics Study. International Journal of Information Technology and Decision Making, 2017, 16, 1581-1609.	2.3	2
15	Signature-Based Trajectory Similarity Join. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 870-883.	4.0	50
16	K-Join: Knowledge-Aware Similarity Join. , 2017, , .		3
17	A unified framework for string similarity search with edit-distance constraint. VLDB Journal, 2017, 26, 249-274.	2.7	23
18	Correlation analysis between electricity consumption and economic development. , 2017, , .		0

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19	A Novel Cost-Based Model for Data Repairing. , 2017, , .		3
20	Crowdsourced Selection on Multi-Attribute Data. , 2017, , .		5
21	Hike. , 2017, , .		37
22	META. Proceedings of the VLDB Endowment, 2016, 9, 828-839.	2.1	12
23	Crowdsourced top-k algorithms. Proceedings of the VLDB Endowment, 2016, 9, 612-623.	2.1	36
24	String similarity search and join: a survey. Frontiers of Computer Science, 2016, 10, 399-417.	1.6	100
25	K-Join: Knowledge-Aware Similarity Join. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 3293-3308.	4.0	21
26	Crowdsourced POI labelling: Location-aware result inference and Task Assignment. , 2016, , .		73
27	Top-k spatio-textual similarity join. , 2016, , .		4
28	Cost-Effective Crowdsourced Entity Resolution. , 2016, , .		67
29	Top-k Spatio-Textual Similarity Join. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 551-565.	4.0	24
30	An efficient partition based method for exact set similarity joins. Proceedings of the VLDB Endowment, 2015, 9, 360-371.	2.1	59
31	Efficient Filtering Algorithms for Location-Aware Publish/Subscribe. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 950-963.	4.0	27
32	A unified framework for approximate dictionary-based entity extraction. VLDB Journal, 2015, 24, 143-167.	2.7	19
33	iCrowd. , 2015, , .		144
34	QASCA. , 2015, , .		155
35	Two birds with one stone: An efficient hierarchical framework for top-k and threshold-based string similarity search. , 2015, , .		35
36	A location-aware publish/subscribe framework for parameterized spatio-textual subscriptions. , 2015, , .		51

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37	A Prefix-Filter based Method for Spatio-Textual Similarity Join. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2354-2367.	4.0	15
38	A pivotal prefix based filtering algorithm for string similarity search. , 2014, , .		49
39	MassJoin: A mapreduce-based method for scalable string similarity joins. , 2014, , .		70
40	Adaptive Database Schema Design for Multi-Tenant Data Management. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2079-2093.	4.0	8
41	Effective location identification from microblogs. , 2014, , .		39
42	Extending string similarity join to tolerant fuzzy token matching. ACM Transactions on Database Systems, 2014, 39, 1-45.	1.5	34
43	String similarity joins. Proceedings of the VLDB Endowment, 2014, 7, 625-636.	2.1	91
44	Fast Similar Subgraph Search with Maximum Common Connected Subgraph Constraints. , 2013, , .		4
45	Supporting Search-As-You-Type Using SQL in Databases. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 461-475.	4.0	18
46	Leveraging transitive relations for crowdsourced joins. , 2013, , .		154
47	Efficient parallel partition-based algorithms for similarity search and join with edit distance constraints. , 2013, , .		16
48	A partition-based method for string similarity joins with edit-distance constraints. ACM Transactions on Database Systems, 2013, 38, 1-33.	1.5	29
49	Top-k string similarity search with edit-distance constraints. , 2013, , .		46
50	Can we beat the prefix filtering?. , 2012, , .		157
51	Supporting efficient top-k queries in type-ahead search. , 2012, , .		22
52	CrowdER. Proceedings of the VLDB Endowment, 2012, 5, 1483-1494.	2.1	371
53	DESKS: Direction-Aware Spatial Keyword Search. , 2012, , .		89
54	An Efficient Trie-based Method for Approximate Entity Extraction with Edit-Distance Constraints. , 2012, , .		16

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55	Efficient Fuzzy Type-Ahead Search in XML Data. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 882-895.	4.0	20
56	Trie-join: a trie-based method for efficient string similarity joins. VLDB Journal, 2012, 21, 437-461.	2.7	48
57	Efficient Algorithms for Top-k Keyword Queries on Spatial Databases. , 2011, , .		5
58	Pass-join. Proceedings of the VLDB Endowment, 2011, 5, 253-264.	2.1	127
59	Providing built-in keyword search capabilities in RDBMS. VLDB Journal, 2011, 20, 1-19.	2.7	22
60	Efficient fuzzy full-text type-ahead search. VLDB Journal, 2011, 20, 617-640.	2.7	48
61	An effective 3-in-1 keyword search method over heterogeneous data sources. Information Systems, 2011, 36, 248-266.	2.4	15
62	Entity matching. Proceedings of the VLDB Endowment, 2011, 4, 622-633.	2.1	85
63	Faerie. , 2011, , .		34
64	Finding Top-k Answers in Keyword Search over Relational Databases Using Tuple Units. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1781-1794.	4.0	24
65	KEMB: A Keyword-Based XML Message Broker. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1035-1049.	4.0	3
66	Finding and ranking compact connected trees for effective keyword proximity search in XML documents. Information Systems, 2010, 35, 186-203.	2.4	20
67	Trie-join. Proceedings of the VLDB Endowment, 2010, 3, 1219-1230.	2.1	81
68	Progressive Keyword Search in Relational Databases. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	31
69	Efficient interactive fuzzy keyword search. , 2009, , .		133
70	Efficient type-ahead search on relational data. , 2009, , .		62
71	Structure-aware indexing for keyword search in databases. , 2009, , .		3
72	Incremental sequence-based frequent query pattern mining from XML queries. Data Mining and Knowledge Discovery, 2009, 18, 472-516.	2.4	3

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73	Keyword searches in data-centric XML documents using tree partitioning. Tsinghua Science and Technology, 2009, 14, 7-18.	4.1	3
74	SAIL: Structure-aware indexing for effective and progressive top-k keyword search over XML documents. Information Sciences, 2009, 179, 3745-3762.	4.0	26
75	Comparing stars. Proceedings of the VLDB Endowment, 2009, 2, 25-36.	2.1	241
76	Interactive search in XML data. , 2009, , .		10
77	Automatic URL completion and prediction using fuzzy type-ahead search. , 2009, , .		1
78	EASE. , 2008, , .		290
79	Parallel Structural Join Algorithm on Shared-Memory Multi-Core Systems. , 2008, , .		12
80	Set-Expression Based Method for Effective Privacy Preservation. , 2008, , .		1
81	LCA-Based Keyword Search for Effectively Retrieving "Information Unit" from Web Pages. , 2008, , .		1
82	Sailer. , 2008, , .		14
83	Effective Indices for Efficient Approximate String Search and Similarity Join. , 2008, , .		2
84	Retune: Retrieving and Materializing Tuple Units for Effective Keyword Search over Relational Databases. Lecture Notes in Computer Science, 2008, , 469-483.	1.0	12
85	An effective and versatile keyword search engine on heterogenous data sources. Proceedings of the VLDB Endowment, 2008, 1, 1452-1455.	2.1	7
86	Exploit sequencing views in semantic cache to accelerate xpath query evaluation. , 2007, , .		4
87	Xproj. , 2007, , .		99
88	Effective keyword search for valuable lcas over xml documents. , 2007, , .		143
89	Mining Complex Time-Series Data by Learning Markovian Models. IEEE International Conference on Data Mining, 2006, , .	0.0	17
90	Incremental Mining of Frequent Query Patterns from XML Queries for Caching. IEEE International Conference on Data Mining, 2006, , .	0.0	8

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91	Exploiting Even Partition to Accelerate Structure Join. , 2006, , .		4
92	Exploit sequencing to accelerate hot XML query pattern mining. , 2006, , .		10
93	SCEND: An Efficient Semantic Cache to Adequately Explore Answerability of Views. Lecture Notes in Computer Science, 2006, , 460-473.	1.0	2
94	Programming FFT on DSM multiprocessors. , 2000, , .		0
95	Role-based database design for managing complex objects and their relationships on the Web. , 0, , .		0
96	A new method for macroeconomic prediction. , 0, , .		0
97	An ontology-based method for querying the Web data. , 0, , .		5
98	Adapative algorithms for crowd-aided categorization. VLDB Journal, 0, , 1.	2.7	0