

Rainer Gemulla

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,842
citations

840776

11
h-index

794594

19
g-index

43
all docs

43
docs citations

43
times ranked

1337
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale matrix factorization with distributed stochastic gradient descent. , 2011, , .		398
2	ClausIE. , 2013, , .		264
3	CoHadoop. Proceedings of the VLDB Endowment, 2011, 4, 575-585.	3.8	185
4	Jaql. Proceedings of the VLDB Endowment, 2011, 4, 1272-1283.	3.8	127
5	On synopses for distinct-value estimation under multiset operations. , 2007, , .		122
6	Ricardo. , 2010, , .		119
7	Distributed Matrix Completion. , 2012, , .		55
8	FINET: Context-Aware Fine-Grained Named Entity Typing. , 2015, , .		48
9	k-ary search on modern processors. , 2009, , .		45
10	Fast integer compression using SIMD instructions. , 2010, , .		44
11	Maintaining bounded-size sample synopses of evolving datasets. VLDB Journal, 2008, 17, 173-201.	4.1	41
12	LEMP. , 2015, , .		39
13	Low-latency handshake join. Proceedings of the VLDB Endowment, 2014, 7, 709-720.	3.8	32
14	Distinct-value synopses for multiset operations. Communications of the ACM, 2009, 52, 87-95.	4.5	30
15	Sampling time-based sliding windows in bounded space. , 2008, , .		29
16	Memory-efficient frequent-itemset mining. , 2011, , .		23
17	Shared-memory and shared-nothing stochastic gradient descent algorithms for matrix completion. Knowledge and Information Systems, 2015, 42, 493-523.	3.2	20
18	CORE: Context-Aware Open Relation Extraction with Factorization Machines. , 2015, , .		20

#	ARTICLE	IF	CITATIONS
19	Reconstructing Graphs from Neighborhood Data. ACM Transactions on Knowledge Discovery From Data, 2014, 8, 1-22.	3.5	15
20	Maintaining bernoulli samples over evolving multisets. , 2007, , .		14
21	Exact and Approximate Maximum Inner Product Search with LEMP. ACM Transactions on Database Systems, 2017, 42, 1-49.	2.8	14
22	A distributed algorithm for large-scale generalized matching. Proceedings of the VLDB Endowment, 2013, 6, 613-624.	3.8	12
23	LASH. , 2015, , .		12
24	Linked Bernoulli Synopses: Sampling along Foreign Keys. Lecture Notes in Computer Science, 2008, , 6-23.	1.3	12
25	Parallel training of knowledge graph embedding models. Proceedings of the VLDB Endowment, 2021, 15, 633-645.	3.8	9
26	Derby/S. , 2006, , .		8
27	Deferred Maintenance of Disk-Based Random Samples. Lecture Notes in Computer Science, 2006, , 423-441.	1.3	8
28	NuPS: A Parameter Server for Machine Learning with Non-Uniform Parameter Access. , 2022, , .		7
29	Designing Random Sample Synopses with Outliers. , 2008, , .		5
30	Reconstructing Graphs from Neighborhood Data. , 2012, , .		5
31	A Unified Framework for Frequent Sequence Mining with Subsequence Constraints. ACM Transactions on Database Systems, 2019, 44, 1-42.	2.8	5
32	DESQ: Frequent Sequence Mining with Subsequence Constraints. , 2016, , .		4
33	Werdy: Recognition and Disambiguation of Verbs and Verb Phrases with Syntactic and Semantic Pruning. , 2014, , .		4
34	Non-uniformity issues and workarounds in bounded-size sampling. VLDB Journal, 2013, 22, 753-772.	4.1	3
35	Hierarchical Group-Based Sampling. Lecture Notes in Computer Science, 2005, , 120-132.	1.3	2
36	What You Will Gain By Rounding: Theory and Algorithms for Rounding Rank. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
37	Just move it!. Proceedings of the VLDB Endowment, 2021, 14, 2707-2710.	3.8	2
38	XML Stream Processing Quality. Lecture Notes in Computer Science, 2003, , 195-207.	1.3	1
39	Senti-LSSVM: Sentiment-Oriented Multi-Relation Extraction with Latent Structural SVM. Transactions of the Association for Computational Linguistics, 2014, 2, 155-168.	4.8	1
40	Hierarchisches gruppenbasiertes Sampling. Computer Science - Research and Development, 2005, 20, 45-56.	0.9	0
41	Data analysis at scale. IT - Information Technology, 2015, 57, .	0.9	0