Rainer Gemulla

List of Publications by Year
in descending order

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	NuPS: A Parameter Server for Machine Learning with Non-Uniform Parameter Access. , 2022, , .		7
2	Just move it!. Proceedings of the VLDB Endowment, 2021, 14, 2707-2710.	3.8	2
3	Parallel training of knowledge graph embedding models. Proceedings of the VLDB Endowment, 2021, 15, 633-645.	3.8	9
4	A Unified Framework for Frequent Sequence Mining with Subsequence Constraints. ACM Transactions on Database Systems, 2019, 44, 1-42.	2.8	5
5	Exact and Approximate Maximum Inner Product Search with LEMP. ACM Transactions on Database Systems, 2017, 42, 1-49.	2.8	14
6	What You Will Gain By Rounding: Theory and Algorithms for Rounding Rank. , 2016, , .		2
7	DESQ: Frequent Sequence Mining with Subsequence Constraints. , 2016, , .		4
8	Data analysis at scale. IT - Information Technology, 2015, 57, .	0.9	0
9	LEMP. , 2015, , .		39
10	LASH. , 2015, , .		12
11	Shared-memory and shared-nothing stochastic gradient descent algorithms for matrix completion. Knowledge and Information Systems, 2015, 42, 493-523.	3.2	20
12	FINET: Context-Aware Fine-Grained Named Entity Typing. , 2015, , .		48
13	CORE: Context-Aware Open Relation Extraction with Factorization Machines. , 2015, , .		20
14	Low-latency handshake join. Proceedings of the VLDB Endowment, 2014, 7, 709-720.	3.8	32
15	Reconstructing Graphs from Neighborhood Data. ACM Transactions on Knowledge Discovery From Data, 2014, 8, 1-22.	3.5	15
16	Werdy: Recognition and Disambiguation of Verbs and Verb Phrases with Syntactic and Semantic Pruning. , 2014, , .		4
17	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
18	Non-uniformity issues and workarounds in bounded-size sampling. VLDB Journal, 2013, 22, 753-772.	4.1	3

#	Article	IF	Citations
19	A distributed algorithm for large-scale generalized matching. Proceedings of the VLDB Endowment, 2013, 6, 613-624.	3.8	12
20	ClausIE. , 2013, , .		264
21	Reconstructing Graphs from Neighborhood Data. , 2012, , .		5
22	Distributed Matrix Completion. , 2012, , .		55
23	Large-scale matrix factorization with distributed stochastic gradient descent. , 2011, , .		398
24	Memory-efficient frequent-itemset mining. , 2011, , .		23
25	CoHadoop. Proceedings of the VLDB Endowment, 2011, 4, 575-585.	3.8	185
26	Jaql. Proceedings of the VLDB Endowment, 2011, 4, 1272-1283.	3.8	127
27	Fast integer compression using SIMD instructions. , 2010, , .		44
28	Ricardo. , 2010, , .		119
29	Distinct-value synopses for multiset operations. Communications of the ACM, 2009, 52, 87-95.	4.5	30
30	k-ary search on modern processors. , 2009, , .		45
31	Maintaining bounded-size sample synopses of evolving datasets. VLDB Journal, 2008, 17, 173-201.	4.1	41
32	Designing Random Sample Synopses with Outliers. , 2008, , .		5
33	Sampling time-based sliding windows in bounded space. , 2008, , .		29
34	Linked Bernoulli Synopses: Sampling along Foreign Keys. Lecture Notes in Computer Science, 2008, , 6-23.	1.3	12
35	On synopses for distinct-value estimation under multiset operations. , 2007, , .		122
36	Maintaining bernoulli samples over evolving multisets. , 2007, , .		14

#	Article	IF	Citations
37	Derby/S. , 2006, , .		8
38	Deferred Maintenance of Disk-Based Random Samples. Lecture Notes in Computer Science, 2006, , 423-441.	1.3	8
39	Hierarchical Group-Based Sampling. Lecture Notes in Computer Science, 2005, , 120-132.	1.3	2
40	Hierarchisches gruppenbasiertes Sampling. Computer Science - Research and Development, 2005, 20, 45-56.	0.9	0
41	XML Stream Processing Quality. Lecture Notes in Computer Science, 2003, , 195-207.	1.3	1