

Johannes Gehrke

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

4,387
citations

26
h-index

55
g-index

55
ext. papers

5,144
ext. citations

2.7
avg, IF

5.32
L-index

#	Paper	IF	Citations
48	HypDB. <i>Proceedings of the VLDB Endowment</i> , 2018 , 11, 2062-2065	3.1	5
47	Improving optimistic concurrency control through transaction batching and operation reordering. <i>Proceedings of the VLDB Endowment</i> , 2018 , 12, 169-182	3.1	25
46	Bias in OLAP Queries 2018 ,		15
45	Enabling Lightweight Transactions with Precision Time. <i>Computer Architecture News</i> , 2017 , 45, 779-794		
44	CloudiA: a deployment advisor for public clouds. <i>VLDB Journal</i> , 2015 , 24, 633-653	3.9	2
43	Centiman 2015 ,		15
42	The Beckman Report on Database Research. <i>SIGMOD Record</i> , 2014 , 43, 61-70	1.1	34
41	Quo vadis, data privacy?. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1260, 45-54	6.5	10
40	Publishing Search Logs: A Comparative Study of Privacy Guarantees. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2012 , 24, 520-532	4.2	58
39	Entangled queries. <i>ACM Transactions on Database Systems</i> , 2012 , 37, 1-34	1.6	4
38	CloudiA. <i>Proceedings of the VLDB Endowment</i> , 2012 , 6, 121-132	3.1	16
37	The complexity of social coordination. <i>Proceedings of the VLDB Endowment</i> , 2012 , 5, 1172-1183	3.1	
36	Differential Privacy via Wavelet Transforms. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2011 , 23, 1200-1214	4.2	186
35	Making time-stepped applications tick in the cloud 2011 ,		19
34	Towards Privacy for Social Networks: A Zero-Knowledge Based Definition of Privacy. <i>Lecture Notes in Computer Science</i> , 2011 , 432-449	0.9	44
33	Entangled transactions. <i>Proceedings of the VLDB Endowment</i> , 2011 , 4, 887-898	3.1	1
32	Privacy in data publishing 2010 ,		2

31	Beyond isolation. <i>SIGMOD Record</i> , 2010 , 39, 27-32	1.1	8
30	Behavioral simulations in MapReduce. <i>Proceedings of the VLDB Endowment</i> , 2010 , 3, 952-963	3.1	36
29	The Claremont report on database research. <i>Communications of the ACM</i> , 2009 , 52, 56-65	2.5	49
28	Multi-query optimization for sketch-based estimation. <i>Information Systems</i> , 2009 , 34, 209-230	2.7	7
27	Data publishing against realistic adversaries. <i>Proceedings of the VLDB Endowment</i> , 2009 , 2, 790-801	3.1	29
26	Better scripts, better games. <i>Communications of the ACM</i> , 2009 , 52, 42-47	2.5	52
25	An evaluation of checkpoint recovery for massively multiplayer online games. <i>Proceedings of the VLDB Endowment</i> , 2009 , 2, 1258-1269	3.1	10
24	Classification and Regression Trees 2009 , 192-195		3
23	Toward Expressive and Scalable Sponsored Search Auctions 2008 ,		6
22	Privacy: Theory meets Practice on the Map 2008 ,		285
21	Declarative processing for computer games 2008 ,		8
20	Worst-Case Background Knowledge for Privacy-Preserving Data Publishing 2007 ,		106
19	Scaling games to epic proportions 2007 ,		26
18	Database research opportunities in computer games. <i>SIGMOD Record</i> , 2007 , 36, 7-13	1.1	18
17	Plagiarism Detection in arXiv. <i>IEEE International Conference on Data Mining</i> , 2006 ,		31
16	Automatic Subspace Clustering of High Dimensional Data. <i>Data Mining and Knowledge Discovery</i> , 2005 , 11, 5-33	5.6	189
15	Multi-query Optimization for Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2005 , 307-321	0.9	60
14	Detecting Change in Data Streams 2004 , 180-191		251

13	Privacy preserving mining of association rules. <i>Information Systems</i> , 2004 , 29, 343-364	2.7	130
12	DualMiner: A Dual-Pruning Algorithm for Itemsets with Constraints. <i>Data Mining and Knowledge Discovery</i> , 2003 , 7, 241-272	5.6	40
11	Limiting privacy breaches in privacy preserving data mining 2003 ,		362
10	A Framework for Measuring Differences in Data Characteristics. <i>Journal of Computer and System Sciences</i> , 2002 , 64, 542-578	1	23
9	Privacy preserving mining of association rules 2002 ,		225
8	The cougar approach to in-network query processing in sensor networks. <i>SIGMOD Record</i> , 2002 , 31, 9-18 _{1.1}		756
7	Mining data streams under block evolution. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining</i> , 2002 , 3, 1-10	4.6	74
6	Query optimization in compressed database systems 2001 ,		45
5	On computing correlated aggregates over continual data streams 2001 ,		100
4	RainForest ² A Framework for Fast Decision Tree Construction of Large Datasets. <i>Data Mining and Knowledge Discovery</i> , 2000 , 4, 127-162	5.6	79
3	BOAT---optimistic decision tree construction 1999 ,		115
2	A framework for measuring changes in data characteristics 1999 ,		53
1	Automatic subspace clustering of high dimensional data for data mining applications 1998 ,		773