Johannes Gehrke

List of Publications by Citations

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	Automatic subspace clustering of high dimensional data for data mining applications **1998**,		773
47	The cougar approach to in-network query processing in sensor networks. *SIGMOD Record*, **2002**, 31, 9-18	1.1	756
46	Limiting privacy breaches in privacy preserving data mining **2003**,		362
45	Privacy: Theory meets Practice on the Map **2008**,		285
44	Detecting Change in Data Streams **2004**, 180-191		251
43	Privacy preserving mining of association rules **2002**,		225
42	Automatic Subspace Clustering of High Dimensional Data. *Data Mining and Knowledge Discovery*, **2005**, 11, 5-33	5.6	189
41	Differential Privacy via Wavelet Transforms. *IEEE Transactions on Knowledge and Data Engineering*, **2011**, 23, 1200-1214	4.2	186
40	Privacy preserving mining of association rules. *Information Systems*, **2004**, 29, 343-364	2.7	130
39	BOAT---optimistic decision tree construction **1999**,		115
38	Worst-Case Background Knowledge for Privacy-Preserving Data Publishing **2007**,		106
37	On computing correlated aggregates over continual data streams **2001**,		100
36	RainForestA Framework for Fast Decision Tree Construction of Large Datasets. *Data Mining and Knowledge Discovery*, **2000**, 4, 127-162	5.6	79
35	Mining data streams under block evolution. *SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining*, **2002**, 3, 1-10	4.6	74
34	Multi-query Optimization for Sensor Networks. *Lecture Notes in Computer Science*, **2005**, 307-321	0.9	60
33	Publishing Search LogsA Comparative Study of Privacy Guarantees. *IEEE Transactions on Knowledge and Data Engineering*, **2012**, 24, 520-532	4.2	58
32	A framework for measuring changes in data characteristics **1999**,		53

31	Better scripts, better games. *Communications of the ACM*, **2009**, 52, 42-47	2.5	52
30	The Claremont report on database research. *Communications of the ACM*, **2009**, 52, 56-65	2.5	49
29	Query optimization in compressed database systems **2001**,		45
28	Towards Privacy for Social Networks: A Zero-Knowledge Based Definition of Privacy. *Lecture Notes in Computer Science*, **2011**, 432-449	0.9	44
27	DualMiner: A Dual-Pruning Algorithm for Itemsets with Constraints. *Data Mining and Knowledge Discovery*, **2003**, 7, 241-272	5.6	40
26	Behavioral simulations in MapReduce. *Proceedings of the VLDB Endowment*, **2010**, 3, 952-963	3.1	36
25	The Beckman Report on Database Research. *SIGMOD Record*, **2014**, 43, 61-70	1.1	34
24	Plagiarism Detection in arXiv. *IEEE International Conference on Data Mining*, **2006**,		31
23	Data publishing against realistic adversaries. *Proceedings of the VLDB Endowment*, **2009**, 2, 790-801	3.1	29
22	Scaling games to epic proportions **2007**,		26
21	Improving optimistic concurrency control through transaction batching and operation reordering. *Proceedings of the VLDB Endowment*, **2018**, 12, 169-182	3.1	25
20	A Framework for Measuring Differences in Data Characteristics. *Journal of Computer and System Sciences*, **2002**, 64, 542-578	1	23
19	Making time-stepped applications tick in the cloud **2011**,		19
18	Database research opportunities in computer games. *SIGMOD Record*, **2007**, 36, 7-13	1.1	18
17	ClouDiA. *Proceedings of the VLDB Endowment*, **2012**, 6, 121-132	3.1	16
16	Centiman **2015**,		15
15	Bias in OLAP Queries **2018**,		15
14	Quo vadis, data privacy?. *Annals of the New York Academy of Sciences*, **2012**, 1260, 45-54	6.5	10

13	An evaluation of checkpoint recovery for massively multiplayer online games. *Proceedings of the VLDB Endowment*, **2009**, 2, 1258-1269	3.1	10
12	Declarative processing for computer games **2008**,		8
11	Beyond isolation. *SIGMOD Record*, **2010**, 39, 27-32	1.1	8
10	Multi-query optimization for sketch-based estimation. *Information Systems*, **2009**, 34, 209-230	2.7	7
9	Toward Expressive and Scalable Sponsored Search Auctions **2008**,		6
8	HypDB. *Proceedings of the VLDB Endowment*, **2018**, 11, 2062-2065	3.1	5
7	Entangled queries. *ACM Transactions on Database Systems*, **2012**, 37, 1-34	1.6	4
6	Classification and Regression Trees **2009**, 192-195		3
5	ClouDiA: a deployment advisor for public clouds. *VLDB Journal*, **2015**, 24, 633-653	3.9	2
4	Privacy in data publishing **2010**,		2
3	Entangled transactions. *Proceedings of the VLDB Endowment*, **2011**, 4, 887-898	3.1	1
2	Enabling Lightweight Transactions with Precision Time. *Computer Architecture News*, **2017**, 45, 779-794		
1	The complexity of social coordination. *Proceedings of the VLDB Endowment*, **2012**, 5, 1172-1183	3.1	