

Johannes Gehrke

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

6,424
citations

393982

19
h-index

454577

30
g-index

55
all docs

55
docs citations

55
times ranked

3536
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic subspace clustering of high dimensional data for data mining applications. , 1998, , .		1,314
2	The cougar approach to in-network query processing in sensor networks. SIGMOD Record, 2002, 31, 9-18.	0.7	1,039
3	Limiting privacy breaches in privacy preserving data mining. , 2003, , .		522
4	Privacy preserving mining of association rules. , 2002, , .		408
5	Detecting Change in Data Streams. , 2004, , 180-191.		390
6	Privacy: Theory meets Practice on the Map. , 2008, , .		347
7	Differential Privacy via Wavelet Transforms. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1200-1214.	4.0	268
8	Automatic Subspace Clustering of High Dimensional Data. Data Mining and Knowledge Discovery, 2005, 11, 5-33.	2.4	248
9	RainForestâ€”A Framework for Fast Decision Tree Construction of Large Datasets. Data Mining and Knowledge Discovery, 2000, 4, 127-162.	2.4	168
10	Privacy preserving mining of association rules. Information Systems, 2004, 29, 343-364.	2.4	153
11	On computing correlated aggregates over continual data streams. , 2001, , .		146
12	Worst-Case Background Knowledge for Privacy-Preserving Data Publishing. , 2007, , .		145
13	BOAT—optimistic decision tree construction. , 1999, , .		141
14	Multi-query Optimization for Sensor Networks. Lecture Notes in Computer Science, 2005, , 307-321.	1.0	104
15	Mining data streams under block evolution. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2002, 3, 1-10.	3.2	102
16	A framework for measuring changes in data characteristics. , 1999, , .		81
17	Publishing Search Logsâ€”A Comparative Study of Privacy Guarantees. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 520-532.	4.0	72
18	Query optimization in compressed database systems. , 2001, , .		63

#	ARTICLE	IF	CITATIONS
19	Better scripts, better games. Communications of the ACM, 2009, 52, 42-47.	3.3	63
20	Towards Privacy for Social Networks: A Zero-Knowledge Based Definition of Privacy. Lecture Notes in Computer Science, 2011, , 432-449.	1.0	62
21	The Claremont report on database research. Communications of the ACM, 2009, 52, 56-65.	3.3	58
22	DualMiner: A Dual-Pruning Algorithm for Itemsets with Constraints. Data Mining and Knowledge Discovery, 2003, 7, 241-272.	2.4	54
23	Behavioral simulations in MapReduce. Proceedings of the VLDB Endowment, 2010, 3, 952-963.	2.1	42
24	The Beckman Report on Database Research. SIGMOD Record, 2014, 43, 61-70.	0.7	41
25	Improving optimistic concurrency control through transaction batching and operation reordering. Proceedings of the VLDB Endowment, 2018, 12, 169-182.	2.1	40
26	Scaling games to epic proportions. , 2007, , .		39
27	A Framework for Measuring Differences in Data Characteristics. Journal of Computer and System Sciences, 2002, 64, 542-578.	0.9	35
28	Plagiarism Detection in arXiv. IEEE International Conference on Data Mining, 2006, , .	0.0	35
29	Data publishing against realistic adversaries. Proceedings of the VLDB Endowment, 2009, 2, 790-801.	2.1	35
30	Database research opportunities in computer games. SIGMOD Record, 2007, 36, 7-13.	0.7	29
31	Making time-stepped applications tick in the cloud. , 2011, , .		28
32	Bias in OLAP Queries. , 2018, , .		28
33	Centiman. , 2015, , .		20
34	ClouDiA. Proceedings of the VLDB Endowment, 2012, 6, 121-132.	2.1	18
35	An evaluation of checkpoint recovery for massively multiplayer online games. Proceedings of the VLDB Endowment, 2009, 2, 1258-1269.	2.1	14
36	<i>Quo vadis</i>, data privacy?. Annals of the New York Academy of Sciences, 2012, 1260, 45-54.	1.8	12

#	ARTICLE	IF	CITATIONS
37	HypDB. Proceedings of the VLDB Endowment, 2018, 11, 2062-2065.	2.1	10
38	Declarative processing for computer games. , 2008, , .		9
39	Beyond isolation. SIGMOD Record, 2010, 39, 27-32.	0.7	9
40	Multi-query optimization for sketch-based estimation. Information Systems, 2009, 34, 209-230.	2.4	8
41	Toward Expressive and Scalable Sponsored Search Auctions. , 2008, , .		7
42	Entangled queries. ACM Transactions on Database Systems, 2012, 37, 1-34.	1.5	4
43	Classification and Regression Trees. , 2009, , 192-195.		4
44	Privacy in data publishing. , 2010, , .		2
45	ClouDiA: a deployment advisor for public clouds. VLDB Journal, 2015, 24, 633-653.	2.7	2
46	Entangled transactions. Proceedings of the VLDB Endowment, 2011, 4, 887-898.	2.1	2
47	Guest Editorial to the special issue on data stream processing. VLDB Journal, 2004, 13, 317-317.	2.7	1
48	The complexity of social coordination. Proceedings of the VLDB Endowment, 2012, 5, 1172-1183.	2.1	1
49	Scalable Decision Tree Construction. , 2009, , 2469-2474.		1
50	Declarative, Domain-Specific Languages - Elegant Simplicity or a Hammer in Search of a Nail?. , 2008, , .		0
51	Playing games with databases. , 2011, , .		0
52	Enabling Lightweight Transactions with Precision Time. Computer Architecture News, 2017, 45, 779-794.	2.5	0
53	Scalable Decision Tree Construction. , 2018, , 3275-3281.		0