Magdalena Balazinska

List of Publications by Year
in descending order

43 papers	3,090 citations	567281 15 h-index	677142 22 g-index
43 all docs	43 docs citations	43 times ranked	2149 citing authors

#	Article	IF	Citations
1	Editorial for S.I.: VLDB 2020. VLDB Journal, 2022, , 1-2.	4.1	0
2	VSS: A Storage System for Video Analytics. , 2021, , .		9
3	Demonstration of apperception. Proceedings of the VLDB Endowment, 2021, 14, 2767-2770.	3.8	1
4	EntropyDB: a probabilistic approach to approximate query processing. VLDB Journal, 2020, 29, 539-567.	4.1	2
5	Toward Sampling for Deep Learning Model Diagnosis. , 2020, , .		2
6	Probabilistic database summarization for interactive data exploration. Proceedings of the VLDB Endowment, 2017, 10, 1154-1165.	3.8	11
7	Efficient iterative processing in the SciDB parallel array engine. , 2015, , .		11
8	Gaussian Mixture Models Use-Case. , 2015, , .		7
9	Query-Based Data Pricing. Journal of the ACM, 2015, 62, 1-44.	2.2	69
10	The database group at the University of Washington. SIGMOD Record, 2014, 43, 39-44.	1.2	0
11	Demonstration of the Myria big data management service. , 2014, , .		56
12	Time travel in a scientific array database. , 2013, , .		21
13	The power of data use management in action. , 2013, , .		2
14	A vision for personalized service level agreements in the cloud. , 2013, , .		14
15	A Discussion on Pricing Relational Data. Lecture Notes in Computer Science, 2013, , 167-173.	1.3	14
16	A demonstration of iterative parallel array processing in support of telescope image analysis. Proceedings of the VLDB Endowment, 2013, 6, 1322-1325.	3.8	5
17	SkewTune in action. Proceedings of the VLDB Endowment, 2012, 5, 1934-1937.	3.8	23
18	QueryMarket demonstration. Proceedings of the VLDB Endowment, 2012, 5, 1962-1965.	3.8	33

#	Article	IF	Citations
19	Query-based data pricing. , 2012, , .		64
20	SkewTune. , 2012, , .		304
21	PerfXplain. Proceedings of the VLDB Endowment, 2012, 5, 598-609.	3.8	45
22	The HaLoop approach to large-scale iterative data analysis. VLDB Journal, 2012, 21, 169-190.	4.1	120
23	Data Management Tools for Scientific Analytics. OMICS A Journal of Integrative Biology, 2011, 15, 227-230.	2.0	0
24	Session-Based Browsing for More Effective Query Reuse. Lecture Notes in Computer Science, 2011, , 583-585.	1.3	10
25	Data markets in the cloud. Proceedings of the VLDB Endowment, 2011, 4, 1482-1485.	3.8	102
26	SnipSuggest. Proceedings of the VLDB Endowment, 2010, 4, 22-33.	3.8	80
27	HaLoop. Proceedings of the VLDB Endowment, 2010, 3, 285-296.	3.8	550
28	Skew-resistant parallel processing of feature-extracting scientific user-defined functions. , 2010, , .		106
29	ParaTimer. , 2010, , .		127
30	Estimating the progress of MapReduce pipelines. , 2010, , .		80
31	Specification and Verification of Complex Location Events with Panoramic. Lecture Notes in Computer Science, 2010, , 57-75.	1.3	11
32	Scalable Clustering Algorithm for N-Body Simulations in a Shared-Nothing Cluster. Lecture Notes in Computer Science, 2010, , 132-150.	1.3	40
33	Longitudinal study of a building-scale RFID ecosystem. , 2009, , .		26
34	Analyzing massive astrophysical datasets: Can Pig/Hadoop or a relational DBMS help?. , 2009, , .		42
35	Access Methods for Markovian Streams. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	40
36	Building the Internet of Things Using RFID: The RFID Ecosystem Experience. IEEE Internet Computing, 2009, 13, 48-55.	3.3	533

#	Article	IF	Citations
37	Probabilistic Event Extraction from RFID Data. , 2008, , .		44
38	Fault-tolerance in the borealis distributed stream processing system. ACM Transactions on Database Systems, 2008, 33, 1-44.	2.8	120
39	Fault-tolerant stream processing using a distributed, replicated file system. Proceedings of the VLDB Endowment, 2008, 1, 574-585.	3.8	52
40	Physical Access Control for Captured RFID Data. IEEE Pervasive Computing, 2007, 6, 48-55.	1.3	46
41	Challenges for Pervasive RFID-Based Infrastructures. , 2007, , .		36
42	Fault-tolerance in the Borealis distributed stream processing system. , 2005, , .		139
43	Retrospective on Aurora. VLDB Journal, 2004, 13, 370-383.	4.1	93