

Manos Athanassoulis

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

824
citations

933447

10
h-index

1199594

12
g-index

30
all docs

30
docs citations

30
times ranked

446
citing authors

#	ARTICLE	IF	CITATIONS
1	Monkey. , 2017, , .		134
2	Aether. Proceedings of the VLDB Endowment, 2010, 3, 681-692.	3.8	99
3	TPC-E vs. TPC-C. SIGMOD Record, 2011, 39, 5-10.	1.2	60
4	Beyond the Wall. , 2015, , .		51
5	Scalability of write-ahead logging on multicore and multisoocket hardware. VLDB Journal, 2012, 21, 239-263.	4.1	47
6	BF-tree. Proceedings of the VLDB Endowment, 2014, 7, 1881-1892.	3.8	44
7	Optimal Bloom Filters and Adaptive Merging for LSM-Trees. ACM Transactions on Database Systems, 2018, 43, 1-48.	2.8	35
8	Slalom. Proceedings of the VLDB Endowment, 2017, 10, 1106-1117.	3.8	33
9	Access Path Selection in Main-Memory Optimized Data Systems. , 2017, , .		31
10	Evaluating and repairing write performance on flash devices. , 2009, , .		31
11	MaSM. , 2011, , .		28
12	Lethe: A Tunable Delete-Aware LSM Engine. , 2020, , .		28
13	Sharing data and work across concurrent analytical queries. Proceedings of the VLDB Endowment, 2013, 6, 637-648.	3.8	25
14	Optimal column layout for hybrid workloads. Proceedings of the VLDB Endowment, 2019, 12, 2393-2407.	3.8	25
15	A new look at the roles of spinning and blocking. , 2009, , .		23
16	Queriosity: Automated Data Exploration. , 2015, , .		19
17	Design Tradeoffs of Data Access Methods. , 2016, , .		17
18	UpBit. , 2016, , .		17

#	ARTICLE	IF	CITATIONS
19	Constructing and analyzing the LSM compaction design space. Proceedings of the VLDB Endowment, 2021, 14, 2216-2229.	3.8	17
20	Adaptive partitioning and indexing for in situ query processing. VLDB Journal, 2020, 29, 569-591.	4.1	14
21	A Parametric I/O Model for Modern Storage Devices. , 2021, , .		11
22	Online Updates on Data Warehouses via Judicious Use of Solid-State Storage. ACM Transactions on Database Systems, 2015, 40, 1-42.	2.8	10
23	Reducing Bloom Filter CPU Overhead in LSM-Trees on Modern Storage Devices. , 2021, , .		7
24	Dissecting, Designing, and Optimizing LSM-based Data Stores. , 2022, , .		7
25	Compactionary: A Dictionary for LSM Compactions. , 2022, , .		4
26	Reactive and proactive sharing across concurrent analytical queries. , 2014, , .		3
27	Endure. Proceedings of the VLDB Endowment, 2022, 15, 1605-1618.	3.8	3
28	Scaling up analytical queries with column-stores. , 2013, , .		1
29	Transparent Data Transformation. SIGMOD Record, 2021, 50, 33-34.	1.2	0
30	Past and Future Steps for Adaptive Storage Data Systems: From Shallow to Deep Adaptivity. Lecture Notes in Business Information Processing, 2019, , 85-94.	1.0	0