

Anastasia Ailamaki

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,372
citations

1040056

9
h-index

1125743

13
g-index

24
all docs

24
docs citations

24
times ranked

644
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive NUCA. , 2009, , .		278
2	Toward Dark Silicon in Servers. IEEE Micro, 2011, 31, 6-15.	1.8	251
3	Shore-MT. , 2009, , .		154
4	Data-oriented transaction execution. Proceedings of the VLDB Endowment, 2010, 3, 928-939.	3.8	121
5	Mechanisms for store-wait-free multiprocessors. , 2007, , .		105
6	Spatio-temporal memory streaming. , 2009, , .		86
7	Temporal instruction fetch streaming. , 2008, , .		63
8	PLP. Proceedings of the VLDB Endowment, 2011, 4, 610-621.	3.8	48
9	Scalability of write-ahead logging on multicore and multsocket hardware. VLDB Journal, 2012, 21, 239-263.	4.1	47
10	Temporal streams in commercial server applications. , 2008, , .		35
11	Spatio-temporal memory streaming. Computer Architecture News, 2009, 37, 69-80.	2.5	34
12	Micro-architectural Analysis of In-memory OLTP. , 2016, , .		28
13	A new look at the roles of spinning and blocking. , 2009, , .		23
14	SLICC: Self-Assembly of Instruction Cache Collectives for OLTP Workloads. , 2012, , .		21
15	Scalable and dynamically balanced shared-everything OLTP with physiological partitioning. VLDB Journal, 2013, 22, 151-175.	4.1	17
16	Eliminating unscalable communication in transaction processing. VLDB Journal, 2014, 23, 1-23.	4.1	17
17	Smooth Scan: robust access path selection without cardinality estimation. VLDB Journal, 2018, 27, 521-545.	4.1	11
18	Interleaving with coroutines: a systematic and practical approach to hide memory latency in index joins. VLDB Journal, 2019, 28, 451-471.	4.1	11

#	ARTICLE	IF	CITATIONS
19	Decoupling contention management from scheduling. Computer Architecture News, 2010, 38, 117-128.	2.5	10
20	Characterization of the Impact of Hardware Islands on OLTP. VLDB Journal, 2016, 25, 625-650.	4.1	6
21	The Next 700 Transaction Processing Engines. , 2017, , .		3
22	Decoupling contention management from scheduling. ACM SIGPLAN Notices, 2010, 45, 117-128.	0.2	2
23	Databases on Modern Hardware: How to Stop Underutilization and Love Multicores. Synthesis Lectures on Data Management, 2017, 9, 1-113.	0.6	1
24	Running with scissors: Fast queries on just-in-time databases. , 2014, , .		0