

Peter Alvaro

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

629
citations

1464605

7
h-index

1181555

14
g-index

39
all docs

39
docs citations

39
times ranked

438
citing authors

#	ARTICLE	IF	CITATIONS
1	Twizzler: A Data-centric OS for Non-volatile Memory. ACM Transactions on Storage, 2021, 17, 1-31.	1.4	3
2	3MileBeach. , 2021, , .		3
3	Don't Let RPCs Constrain Your API. , 2021, , .		3
4	Keeping CALM. Communications of the ACM, 2020, 63, 72-81.	3.3	10
5	Mapping Datasets to Object Storage System. EPJ Web of Conferences, 2020, 245, 04037.	0.1	0
6	Elle. Proceedings of the VLDB Endowment, 2020, 14, 268-280.	2.1	18
7	Towards Physical Design Management in Storage Systems. , 2019, , .		1
8	A Persistent Problem. , 2019, , .		4
9	Vote Them Out. , 2019, , .		1
10	Designing Data Structures to Minimize Bit Flips on NVM. , 2018, , .		7
11	Debugging Distributed Systems with Why-Across-Time Provenance. , 2018, , .		9
12	Fail-Slow at Scale. ACM Transactions on Storage, 2018, 14, 1-26.	1.4	58
13	Does your fault-tolerant system tolerate faults?. , 2018, , .		0
14	Cudele: An API and Framework for Programmable Consistency and Durability in a Global Namespace. , 2018, , .		2
15	Programmable Caches with a Data Management Language and Policy Engine. , 2018, , .		3
16	Research for Practice: Tracing and Debugging Distributed Systems; Programming by Examples. Queue, 2017, 15, 91-105.	0.8	2
17	Blazes. ACM Transactions on Database Systems, 2017, 42, 1-31.	1.5	4
18	Abstracting the Geniuses Away from Failure Testing. Queue, 2017, 15, 29-53.	0.8	7

#	ARTICLE	IF	CITATIONS
19	Malacology. , 2017, , .		19
20	Research for practice. Communications of the ACM, 2017, 60, 46-49.	3.3	8
21	Abstracting the geniuses away from failure testing. Communications of the ACM, 2017, 61, 54-61.	3.3	4
22	Putting logic-based distributed systems on stable grounds. Theory and Practice of Logic Programming, 2016, 16, 378-417.	1.1	3
23	Automating Failure Testing Research at Internet Scale. , 2016, , .		22
24	Lineage-driven Fault Injection. , 2015, , .		38
25	Blazes: Coordination analysis for distributed programs. , 2014, , .		19
26	Edelweiss. Proceedings of the VLDB Endowment, 2014, 7, 481-492.	2.1	3
27	Consistency without borders. , 2013, , .		15
28	BloomUnit. , 2012, , .		12
29	Distributed programming and consistency. , 2012, , .		1
30	Logic and lattices for distributed programming. , 2012, , .		56
31	Dedalus: Datalog in Time and Space. Lecture Notes in Computer Science, 2011, , 262-281.	1.0	48
32	Knuckles: bringing the database to the data. International Journal of Computational Science and Engineering, 2010, 5, 214.	0.4	0
33	I do declare. Operating Systems Review (ACM), 2010, 43, 25-30.	1.5	22
34	Online aggregation and continuous query support in MapReduce. , 2010, , .		108
35	Boom analytics. , 2010, , .		85