

Christina Delimitrou

List of Publications by Year in descending order

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31
papers

2,003
citations

1684188

5
h-index

1588992

8
g-index

31
all docs

31
docs citations

31
times ranked

865
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical and Scalable ML-Driven Cloud Performance Debugging With Sage. IEEE Micro, 2022, 42, 27-36.	1.8	0
2	ReTail: Opting for Learning Simplicity to Enable QoS-Aware Power Management in the Cloud. , 2022, , .		14
3	PIMCloud: QoS-Aware Resource Management of Latency-Critical Applications in Clouds with Processing-in-Memory. , 2022, , .		1
4	Enabling Practical Cloud Performance Debugging with Unsupervised Learning. Operating Systems Review (ACM), 2022, 56, 34-41.	1.9	0
5	Sinan: ML-based and QoS-aware resource management for cloud microservices. , 2021, , .		61
6	Sage: practical and scalable ML-driven performance debugging in microservices. , 2021, , .		54
7	Dagger: efficient and fast RPCs in cloud microservices with near-memory reconfigurable NICs. , 2021, , .		19
8	Dagger: Towards Efficient RPCs in Cloud Microservices With Near-Memory Reconfigurable NICs. IEEE Computer Architecture Letters, 2020, 19, 134-138.	1.5	6
9	Unveiling the Hardware and Software Implications of Microservices in Cloud and Edge Systems. IEEE Micro, 2020, 40, 10-19.	1.8	8
10	Leveraging Deep Learning to Improve Performance Predictability in Cloud Microservices with Seer. Operating Systems Review (ACM), 2019, 53, 34-39.	1.9	6
11	Seer. , 2019, , .		138
12	Pliant: Leveraging Approximation to Improve Datacenter Resource Efficiency. , 2019, , .		9
13	PARTIES. , 2019, , .		136
14	An Open-Source Benchmark Suite for Microservices and Their Hardware-Software Implications for Cloud & Edge Systems. , 2019, , .		259
15	Leveraging Approximation to Improve Datacenter Resource Efficiency. IEEE Computer Architecture Letters, 2018, 17, 171-174.	1.5	4
16	Mage. , 2018, , .		34
17	Uncovering the Security Implications of Cloud Multi-Tenancy with Bolt. IEEE Micro, 2018, 38, 86-97.	1.8	0
18	Amdahl's law for tail latency. Communications of the ACM, 2018, 61, 65-72.	4.5	38

#	ARTICLE	IF	CITATIONS
19	The Architectural Implications of Cloud Microservices. IEEE Computer Architecture Letters, 2018, 17, 155-158.	1.5	67
20	Workload characterization of interactive cloud services on big and small server platforms. , 2017, , .		16
21	Bolt. , 2017, , .		31
22	Security Implications of Data Mining in Cloud Scheduling. IEEE Computer Architecture Letters, 2016, 15, 109-112.	1.5	4
23	HCloud. , 2016, , .		61
24	Quasar. , 2014, , .		492
25	Quality-of-Service-Aware Scheduling in Heterogeneous Data centers with Paragon. IEEE Micro, 2014, 34, 17-30.	1.8	22
26	Paragon. , 2013, , .		375
27	iBench: Quantifying interference for datacenter applications. , 2013, , .		91
28	ECHO: Recreating network traffic maps for datacenters with tens of thousands of servers. , 2012, , .		34
29	Storage I/O generation and replay for datacenter applications. , 2011, , .		1
30	Decoupling datacenter studies from access to large-scale applications: A modeling approach for storage workloads. , 2011, , .		17
31	Cross-Examination of Datacenter Workload Modeling Techniques. , 2011, , .		5