Kostas Magoutis

List of Publications by Year
in descending order

		1478505	1199594
47 papers	295 citations	6 h-index	12 g-index
49 all docs	49 docs citations	49 times ranked	236 citing authors

#	Article	IF	Citations
1	Galapagos: Model-driven discovery of end-to-end application-storage relationships in distributed systems. IBM Journal of Research and Development, 2008, 52, 367-377.	3.1	30
2	CEC: Continuous eventual checkpointing for data stream processing operators. , 2011, , .		27
3	Lifecycle management of service-based applications on multi-clouds. , 2013, , .		25
4	A survey on vulnerability assessment tools and databases for cloud-based web applications. Array, 2019, 3-4, 100011.	4.0	23
5	Towards Cross-Layer Monitoring of Multi-Cloud Service-Based Applications. Lecture Notes in Computer Science, 2013, , 188-195.	1.3	21
6	Scalable entity-based summarization of web search results using MapReduce. Distributed and Parallel Databases, 2014, 32, 405-446.	1.6	16
7	Evolution of storage management: Transforming raw data into information. IBM Journal of Research and Development, 2008, 52, 341-352.	3.1	13
8	Managing Service Performance in the Cassandra Distributed Storage System. , 2013, , .		12
9	Galapagos: Automatically Discovering Application-Data Relationships in Networked Systems. , 2007, , .		10
10	Decision-Making Approaches for Performance QoS in Distributed Storage Systems: A Survey. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1906-1919.	5.6	9
11	Towards Knowledge-Based Assisted IaaS Selection. , 2016, , .		8
12	A Measurement-Based Approach to Performance Prediction in NoSQL Systems. , 2017, , .		8
13	Managing service performance in NoSQL distributed storage systems. , 2012, , .		7
14	Design and implementation of a social networking platform for cloud deployment specialists. Journal of Internet Services and Applications, 2015, 6, .	2.1	7
15	Building appliances out of components using Pebble. , 2000, , .		6
16	ACaZoo: A Distributed Key-Value Store Based on Replicated LSM-Trees. , 2014, , .		6
17	Built-to-Order Service Engineering for Enterprise IT Discovery. , 2008, , .		5
18	Towards 100 gbit/s ethernet. , 2009, , .		5

#	Article	IF	Citations
19	An Architecture for Evaluating Distributed Application Deployments in Multi-clouds. , 2013, , .		5
20	Equilibrium Properties of the Cu-Au Alloy System at T=0 K. Materials Science Forum, 1993, 126-128, 623-626.	0.3	4
21	Memory Management Support for Multi-Programmed Remote Direct Memory Access (RDMA) Systems. , 2005, , .		4
22	Scalable storage support for data stream processing. , 2010, , .		4
23	Adapting data-intensive workloads to generic allocation policies in cloud infrastructures. , 2012, , .		4
24	Rethinking HBase: Design and Implementation of an Elastic Key-Value Store over Log-Structured Local Volumes. , 2015, , .		4
25	Replica-Group Leadership Change as a Performance Enhancing Mechanism in NoSQL Data Stores. , 2018, , .		4
26	Strengthening Consistency in the Cassandra Distributed Key-Value Store. Lecture Notes in Computer Science, 2013, , 193-198.	1.3	4
27	Application performance on the Direct Access File System. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2004, 29, 84-93.	0.7	3
28	Cross-layer management of distributed applications on multi-clouds. , 2015, , .		3
29	A General-Purpose Architecture for Replicated Metadata Services in Distributed File Systems. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 2747-2759.	5.6	3
30	Real-Time Analysis of Localization Data Streams for Ambient Intelligence Environments. Lecture Notes in Computer Science, 2011, , 92-97.	1.3	3
31	Incremental Elasticity for NoSQL Data Stores. , 2017, , .		2
32	Cross-layer management of a containerized NoSQL data store. , 2017, , .		2
33	Towards Configurable Cloud Application Security. , 2019, , .		2
34	Scalability of Replicated Metadata Services in Distributed File Systems. Lecture Notes in Computer Science, 2012, , 31-44.	1.3	2
35	Application performance on the Direct Access File System. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2004, , .	0.7	1
36	Incremental Elasticity for NoSQL Data Stores. , 2017, , .		1

#	Article	IF	Citations
37	Towards Model-Driven Application Security across Clouds. , 2018, , .		1
38	The Case for Better Integrating Scalable Data Stores and Stream-Processing Systems. , 2020, , .		1
39	Research issues in No-Futz computing. , 0, , .		0
40	Improving Datacenter Operations Management Using Wireless Sensor Networks. , 2012, , .		0
41	On the Impact of log Compaction on Incrementally Checkpointing Stateful Stream-Processing Operators. , 2019, , .		0
42	Towards Configurable Vulnerability Assessment in the Cloud. , 2019, , .		0
43	Investigating the Use of Machine Learning Techniques in a Random Physical System. Communications in Computer and Information Science, 2021, , 109-118.	0.5	0
44	Topic 5: Parallel and Distributed Data Management. Lecture Notes in Computer Science, 2013, , 215-215.	1.3	0
45	Towards Personalized Recommendations in an IoT-Driven Tour Guide Platform. Communications in Computer and Information Science, 2020, , 3-11.	0.5	0
46	Addressing the read-performance impact of reconfigurations in replicated key-value stores. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	5.6	0
47	Building appliances out of components using Pebble. , 2000, , .		0