

Kostas Magoutis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5883584/publications.pdf>

Version: 2024-02-01

47
papers

295
citations

1478505

6
h-index

1199594

12
g-index

49
all docs

49
docs citations

49
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the Use of Machine Learning Techniques in a Random Physical System. Communications in Computer and Information Science, 2021, , 109-118.	0.5	0
2	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
3	Towards Personalized Recommendations in an IoT-Driven Tour Guide Platform. Communications in Computer and Information Science, 2020, , 3-11.	0.5	0
4	The Case for Better Integrating Scalable Data Stores and Stream-Processing Systems. , 2020, , .		1
5	Towards Configurable Cloud Application Security. , 2019, , .		2
6	A survey on vulnerability assessment tools and databases for cloud-based web applications. Array, 2019, 3-4, 100011.	4.0	23
7	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
8	On the Impact of log Compaction on Incrementally Checkpointing Stateful Stream-Processing Operators. , 2019, , .		0
9	Towards Configurable Vulnerability Assessment in the Cloud. , 2019, , .		0
10	Replica-Group Leadership Change as a Performance Enhancing Mechanism in NoSQL Data Stores. , 2018, , .		4
11	Towards Model-Driven Application Security across Clouds. , 2018, , .		1
12	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
13	Incremental Elasticity for NoSQL Data Stores. , 2017, , .		2
14	Cross-layer management of a containerized NoSQL data store. , 2017, , .		2
15	A Measurement-Based Approach to Performance Prediction in NoSQL Systems. , 2017, , .		8
16	Incremental Elasticity for NoSQL Data Stores. , 2017, , .		1
17	Towards Knowledge-Based Assisted IaaS Selection. , 2016, , .		8
18	Design and implementation of a social networking platform for cloud deployment specialists. Journal of Internet Services and Applications, 2015, 6, .	2.1	7

#	ARTICLE	IF	CITATIONS
19	Cross-layer management of distributed applications on multi-clouds. , 2015, , .		3
20	Rethinking HBase: Design and Implementation of an Elastic Key-Value Store over Log-Structured Local Volumes. , 2015, , .		4
21	ACaZoo: A Distributed Key-Value Store Based on Replicated LSM-Trees. , 2014, , .		6
22	Scalable entity-based summarization of web search results using MapReduce. Distributed and Parallel Databases, 2014, 32, 405-446.	1.6	16
23	An Architecture for Evaluating Distributed Application Deployments in Multi-clouds. , 2013, , .		5
24	Lifecycle management of service-based applications on multi-clouds. , 2013, , .		25
25	Towards Cross-Layer Monitoring of Multi-Cloud Service-Based Applications. Lecture Notes in Computer Science, 2013, , 188-195.	1.3	21
26	Managing Service Performance in the Cassandra Distributed Storage System. , 2013, , .		12
27	Strengthening Consistency in the Cassandra Distributed Key-Value Store. Lecture Notes in Computer Science, 2013, , 193-198.	1.3	4
28	Topic 5: Parallel and Distributed Data Management. Lecture Notes in Computer Science, 2013, , 215-215.	1.3	0
29	Improving Datacenter Operations Management Using Wireless Sensor Networks. , 2012, , .		0
30	Adapting data-intensive workloads to generic allocation policies in cloud infrastructures. , 2012, , .		4
31	Managing service performance in NoSQL distributed storage systems. , 2012, , .		7
32	Scalability of Replicated Metadata Services in Distributed File Systems. Lecture Notes in Computer Science, 2012, , 31-44.	1.3	2
33	CEC: Continuous eventual checkpointing for data stream processing operators. , 2011, , .		27
34	Real-Time Analysis of Localization Data Streams for Ambient Intelligence Environments. Lecture Notes in Computer Science, 2011, , 92-97.	1.3	3
35	Scalable storage support for data stream processing. , 2010, , .		4
36	Towards 100 gbit/s ethernet. , 2009, , .		5

#	ARTICLE	IF	CITATIONS
37	Evolution of storage management: Transforming raw data into information. IBM Journal of Research and Development, 2008, 52, 341-352.	3.1	13
38	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
39	Built-to-Order Service Engineering for Enterprise IT Discovery. , 2008, , .		5
40	Galapagos: Automatically Discovering Application-Data Relationships in Networked Systems. , 2007, , .		10
41	Memory Management Support for Multi-Programmed Remote Direct Memory Access (RDMA) Systems. , 2005, , .		4
42	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
43	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
44	Building appliances out of components using Pebble. , 2000, , .		6
45	Building appliances out of components using Pebble. , 2000, , .		0
46	Equilibrium Properties of the Cu-Au Alloy System at T=0 K. Materials Science Forum, 1993, 126-128, 623-626.	0.3	4
47	Research issues in No-Futz computing. , 0, , .		0