Claudia Canali

List of Publications by Year
in descending order

58 papers	625 citations	758635 12 h-index	752256 20 g-index
59 all docs	59 docs citations	59 times ranked	600 citing authors

#	Article	IF	Citations
1	Adaptive Computing-Plus-Communication Optimization Framework for Multimedia Processing in Cloud Systems. IEEE Transactions on Cloud Computing, 2020, 8, 1162-1175.	3.1	64
2	GASP: Genetic Algorithms for Service Placement in Fog Computing Systems. Algorithms, 2019, 12, 201.	1.2	47
3	Enabling Efficient Peer-to-Peer Resource Sharing in Wireless Mesh Networks. IEEE Transactions on Mobile Computing, 2010, 9, 333-347.	3.9	46
4	Distributed load balancing for heterogeneous fog computing infrastructures in smart cities. Pervasive and Mobile Computing, 2020, 67, 101221.	2.1	40
5	Joint Minimization of the Energy Costs From Computing, Data Transmission, and Migrations in Cloud Data Centers. IEEE Transactions on Green Communications and Networking, 2018, 2, 580-595.	3.5	36
6	MeshChord: A Location-Aware, Cross-Layer Specialization of Chord for Wireless Mesh Networks (concise contribution). , 2008, , .		26
7	Improving Scalability of Cloud Monitoring Through PCA-Based Clustering of Virtual Machines. Journal of Computer Science and Technology, 2014, 29, 38-52.	0.9	26
8	Performance Evolution of Mobile Web-Based Services. IEEE Internet Computing, 2009, 13, 60-68.	3.2	24
9	An Approach to Balance Maintenance Costs and Electricity Consumption in Cloud Data Centers. IEEE Transactions on Sustainable Computing, 2018, 3, 274-288.	2.2	24
10	A Fog Computing Service Placement for Smart Cities based on Genetic Algorithms. , 2019, , .		17
11	Automatic virtual machine clustering based on bhattacharyya distance for multi-cloud systems. , 2013, , .		16
12	Exploiting Classes of Virtual Machines for Scalable IaaS Cloud Management. , 2015, , .		16
13	Exploiting ensemble techniques for automatic virtual machine clustering in cloud systems. Automated Software Engineering, 2014, 21, 319-344.	2.2	15
14	Content Adaptation Architectures Based on Squid Proxy Server. World Wide Web, 2006, 9, 63-92.	2.7	14
15	A quantitative methodology based on component analysis to identify key users in social networks. International Journal of Social Network Mining, 2012, 1, 27.	0.2	14
16	An Energy-aware Scheduling Algorithm in DVFS-enabled Networked Data Centers. , 2016, , .		14
17	Characteristics and evolution of content popularity and user relations in social networks. , 2010, , .		12
18	Scalable and automatic virtual machines placement based on behavioral similarities. Computing (Vienna/New York), 2017, 99, 575-595.	3.2	12

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19	Automated Clustering of Virtual Machines based on Correlation of Resource Usage. Journal of Communications Software and Systems, 2017, 8, 102.	0.6	12
20	On the impact of far-away interference on evaluations of wireless multihop networks. , 2009, , .		11
21	An adaptive technique to model virtual machine behavior for scalable cloud monitoring. , 2014, , .		10
22	A Novel Intermediary Framework for Dynamic Edge Service Composition. Journal of Computer Science and Technology, 2012, 27, 281-297.	0.9	9
23	A Two-Level Distributed Architecture for Efficient Web Content Adaptation and Delivery. , 0, , .		7
24	A quantitative methodology to identify relevant users in social networks. , 2010, , .		7
25	Algorithms for Web service selection with static and dynamic requirements. Service Oriented Computing and Applications, 2013, 7, 43-57.	1.3	7
26	Detecting similarities in virtual machine behavior for cloud monitoring using smoothed histograms. Journal of Parallel and Distributed Computing, 2014, 74, 2757-2769.	2.7	7
27	A distributed architecture to support infomobility services. , 2006, , .		6
28	PAFFI: Performance Analysis Framework for Fog Infrastructures in realistic scenarios. , 2019, , .		6
29	Content Delivery and Management. Lecture Notes in Electrical Engineering, 2008, , 105-126.	0.3	6
30	A Computation- and Network-Aware Energy Optimization Model for Virtual Machines Allocation. , 2017, , .		6
31	Architectures for scalable and flexible Web personalization services. , 0, , .		5
32	Performance Comparison of Distributed Architectures for Content Adaptation and Delivery of Web Resources. , 0, , .		5
33	A comparison of techniques to detect similarities in cloud virtual machines. International Journal of Grid and Utility Computing, 2016, 7, 152.	0.1	5
34	Resource Management Strategies for Mobile Web-Based Services. , 2008, , .		4
35	Dynamic Request Management Algorithms for Web-Based Services in Cloud Computing. , 2011, , .		4
36	Cooperative Architectures and Algorithms for Discovery and Transcoding of Multi-Version Content. , 2004, , 205-221.		4

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37	Identifying Communication Patterns between Virtual Machines in Software-Defined Data Centers. Performance Evaluation Review, 2017, 44, 49-56.	0.4	4
38	The Digital Girls Response to Pandemic: Impacts of in Presence and Online Extracurricular Activities on Girls Future Academic Choices. Education Sciences, 2021, 11, 715.	1.4	4
39	Impact of Social Networking Services on the Performance and Scalability of Web Server Infrastructures. , 2008, , .		3
40	Evaluating load balancing in peer-to-peer resource sharing algorithms for wireless mesh networks. , 2008, , .		3
41	Hot Set Identification for Social Network Applications. , 2009, , .		3
42	Balancing Accuracy and Execution Time for Similar Virtual Machines Identification in IaaS Cloud. , 2014, , .		3
43	Designing a Private CDN with an Off-Sourced Network Infrastructure: Model and Case Study. , 2018, , .		3
44	A Two-level distributed architecture for the support of content adaptation and delivery services. Cluster Computing, 2010, 13, 1-17.	3.5	2
45	Adaptive Algorithms for Efficient Content Management in Social Network Services. , 2010, , .		2
46	Experimental evaluation of peer-to-peer applications. Peer-to-Peer Networking and Applications, 2013, 6, 115-117.	2.6	2
47	A measurement-based analysis of temperature variations introduced by power management on Commodity HardWare. , 2017, , .		2
48	AGATE: Adaptive Gray Area-Based TEchnique to Cluster Virtual Machines with Similar Behavior. IEEE Transactions on Cloud Computing, 2019, 7, 650-663.	3.1	2
49	Optimal Placement of Micro-services Chains in a Fog Infrastructure. , 2022, , .		2
50	Distributed Architectures for High Performance and Privacy-Aware Content Generation and Delivery. , 2006, , .		1
51	A Distributed Infrastructure Supporting Personalized Services for the Mobile Web. , 2007, , .		1
52	Resource Management Strategies for the Mobile Web. Mobile Networks and Applications, 2010, 15, 237-252.	2.2	1
53	Automatic parameter tuning for Class-Based Virtual Machine Placement in cloud infrastructures. , 2015, , .		1
54	A Variable Neighborhood Heuristic for Facility Locations in Fog Computing. Lecture Notes in Computer Science, 2021, , 28-42.	1.0	1

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55	Distributed Systems to Support Efficient Adaptation for Ubiquitous Web. Lecture Notes in Computer Science, 2005, , 1070-1076.	1.0	1
56	Impact of request dispatching granularity in geographically distributed Web systems. , 2007, , .		0
57	Social Technologies for the Workplace. , 2018, , .		0
58	Sophon: an Extensible Platform for Collaborative Research. , 2022, , .		0