Monica Vitali

List of Publications by Year
in descending order

27 papers	345 citations	933447 10 h-index	888059 17 g-index
30 all docs	30 docs citations	30 times ranked	404 citing authors

#	Article	IF	Citations
1	Context-aware data quality assessment for big data. Future Generation Computer Systems, 2018, 89, 548-562.	7.5	69
2	On Achieving Energy Efficiency and Reducing CO_2 Footprint in Cloud Computing. IEEE Transactions on Cloud Computing, 2016, 4, 138-151.	4.4	46
3	An Integrated Big and Fast Data Analytics Platform for Smart Urban Transportation Management. IEEE Access, 2019, 7, 117652-117677.	4.2	42
4	Learning a goal-oriented model for energy efficient adaptive applications in data centers. Information Sciences, 2015, 319, 152-170.	6.9	17
5	A Survey on Energy Efficiency in Information Systems. International Journal of Cooperative Information Systems, 2014, 23, 1450001.	0.8	15
6	Usage centric green performance indicators. Performance Evaluation Review, 2011, 39, 92-96.	0.6	14
7	Applying green metrics to optimise the energy consumption footprint of IT service centres. International Journal of Space-Based and Situated Computing, 2012, 2, 158.	0.2	13
8	Quality awareness for a Successful Big Data Exploitation. , 2018, , .		13
9	CO2-Aware Adaptation Strategies for Cloud Applications. IEEE Transactions on Cloud Computing, 2016, 4, 152-165.	4.4	12
10	Optimizing Monitorability of Multi-cloud Applications. Lecture Notes in Computer Science, 2016, , 411-426.	1.3	12
11	Business process co-design for energy-aware adaptation. , 2011, , .		11
12	Setting Energy Efficiency Goals in Data Centers: The GAMES Approach. Lecture Notes in Computer Science, 2012, , 1-12.	1.3	10
13	Interconnecting processes through IoT in a health-care scenario. , 2016, , .		9
14	Monitoring-Aware Optimal Deployment for Applications Based on Microservices. IEEE Transactions on Services Computing, 2021, 14, 1849-1863.	4.6	9
15	Energy-Aware Process Design Optimization. , 2013, , .		8
16	Virtual Machine Profiling for Analyzing Resource Usage of Applications. Lecture Notes in Computer Science, 2018, , 103-118.	1.3	8
17	Fog Computing and Data as a Service: A Goal-Based Modeling Approach to Enable Effective Data Movements. Lecture Notes in Computer Science, 2018, , 203-219.	1.3	7
18	Sustainable choices for cloud applications: a focus on CO2 emissions. , 0, , .		5

#	Article	IF	Citations
19	Improving Health Monitoring With Adaptive Data Movement in Fog Computing. Frontiers in Robotics and AI, 2020, 7, 96.	3.2	4
20	Modeling Service Execution on Data Centers for Energy Efficiency and Quality of Service Monitoring. , 2013, , .		3
21	Utility-Driven Data Management forÂData-Intensive Applications in Fog Environments. Lecture Notes in Computer Science, 2017, , 216-226.	1.3	3
22	DITAS: Unleashing the Potential of Fog Computing to Improve Data-Intensive Applications. Communications in Computer and Information Science, 2018, , 154-158.	0.5	3
23	An Adaptive Monitoring Service Exploiting Data Correlations in Fog Computing. Lecture Notes in Computer Science, 2019, , 383-389.	1.3	1
24	Strategies for Data and Computation Movements in Fog Computing. , 2019, , .		0
25	Modeling Adaptive Data Analysis Pipelines for Crowd-Enhanced Processes. Lecture Notes in Computer Science, 2021, , 25-35.	1.3	0
26	Uso delle piattaforme ICT a supporto dei servizi socio-sanitari: il progetto Attiv@bili. Mecosan, 2016, , 125-140.	0.1	0
27	About Monitoring in a Service World. Communications in Computer and Information Science, 2017, , 3-23.	0.5	0