Yehia Elkhatib

List of Publications by Year
in descending order

54 papers	1,504 citations	759055 12 h-index	839398 18 g-index
56 all docs	56 docs citations	56 times ranked	1762 citing authors

#	Article	IF	Citations
1	Transferable Knowledge for Low-Cost Decision Making in Cloud Environments. IEEE Transactions on Cloud Computing, 2022, 10, 2190-2203.	3.1	5
2	If a System is Learning to Self-adapt, Who's Teaching?. , 2021, , .		1
3	An Empirical Study of Inter-cluster Resource Orchestration within Federated Cloud Clusters. , 2021, , .		1
4	An Ontological Framework for Opportunistic Composition of IoT Systems. , 2020, , .		11
5	Securing Machine Learning in the Cloud: A Systematic Review of Cloud Machine Learning Security. Frontiers in Big Data, 2020, 3, 587139.	1.8	28
6	Optimizing Deep Learning Inference on Embedded Systems Through Adaptive Model Selection. Transactions on Embedded Computing Systems, 2020, 19, 1-28.	2.1	33
7	SDN Heading North: Towards a Declarative Intent-based Northbound Interface. , 2020, , .		6
8	An ontological architecture for principled and automated system of systems composition. , 2020, , .		5
9	Research challenges in nextgen service orchestration. Future Generation Computer Systems, 2019, 90, 20-38.	4.9	60
10	Same Same, but Different: A Descriptive Intra-IaaS Differentiation. , 2019, , .		2
11	Cloud Futurology. Computer, 2019, 52, 68-77.	1.2	23
12	A Framework for SLO-driven Cloud Specification and Brokerage. , 2019, , .		3
13	On Optimizing Backup Sharing Through Efficient VNF Migration. , 2019, , .		6
14	Cloud Brokerage. ACM Computing Surveys, 2019, 51, 1-28.	16.1	38
15	Unsupervised Machine Learning for Networking: Techniques, Applications and Research Challenges. IEEE Access, 2019, 7, 65579-65615.	2.6	206
16	Emergent Overlays for Adaptive MANET Broadcast. , 2019, , .		2
17	CadaML: A Modeling Language for Multi-Tenant Cloud Application Data Architectures. , 2019, , .		4
18	Widening the Circle of Engagement Around Environmental Issues using Cloud-based Tools. , 2019, , .		1

#	Article	IF	Citations
19	A Modelling Language to Support the Evolution of Multi-tenant Cloud Data Architectures. , 2019, , .		3
20	Cloud Instance Selection Using Parallel K-Means and AHP. , 2019, , .		6
21	Envisioning SLO-driven Service Selection in Multi-cloud Applications. , 2019, , .		2
22	SLO-ML: A Language for Service Level Objective Modelling in Multi-cloud Applications. , 2019, , .		2
23	IoTNetSim. , 2019, , .		22
24	Price and Performance of Cloud-hosted Virtual Network Functions: Analysis and Future Challenges. , 2018, , .		21
25	Adaptive deep learning model selection on embedded systems. , 2018, , .		43
26	On Using Micro-Clouds to Deliver the Fog. IEEE Internet Computing, 2017, 21, 8-15.	3.2	70
27	Charting an intent driven network. , 2017, , .		14
28	Navigating Diverse Data Science Learning: Critical Reflections Towards Future Practice. , 2017, , .		1
29	Fake it till you make it. , 2017, , .		7
30	Using DSML for Handling Multi-tenant Evolution in Cloud Applications. , 2017, , .		3
31	A multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 2017, 6, 1151.	0.8	62
32	A multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 2017, 6, 1151.	0.8	134
33	Using context switches for VM scaling. , 2016, , .		0
34	Daleel: Simplifying cloud instance selection using machine learning. , 2016, , .		28
35	It Bends But Would It Break? Topological Analysis of BGP Infrastructures in Europe. , 2016, , .		7
36	Measurements and Analysis of a Major Adult Video Portal. ACM Transactions on Multimedia Computing, Communications and Applications, 2016, 12, 1-25.	3.0	14

#	Article	IF	Citations
37	MultiBox: Lightweight Containers for Vendor-Independent Multi-cloud Deployments. Communications in Computer and Information Science, 2015, , 79-90.	0.4	7
38	Does the Internet Deserve Everybody?. , 2015, , .		5
39	Ethical Challenges in Collaborative Storytelling. , 2015, , .		1
40	Holons. , 2015, , .		21
41	Passive Network Awareness as a Means for Improved Grid Scheduling. Journal of Grid Computing, 2015, 13, 275-291.	2.5	2
42	A geospatial framework to support integrated biogeochemical modelling in the United Kingdom. Environmental Modelling and Software, 2015, 68, 219-232.	1.9	26
43	The design of a generalised approach to the programming of systems of systems. , 2015, , .		5
44	Web technologies for environmental Big Data. Environmental Modelling and Software, 2015, 63, 185-198.	1.9	184
45	Just Browsing?. , 2014, , .		6
46	Can SPDY really make the web faster?. , 2014, , .		39
47	Dataset on usage of a live & VoD P2P IPTV service. , 2014, , .		5
48	Experiences of using a hybrid cloud to construct an environmental virtual observatory. , 2013, , .		11
49	Demystifying porn 2.0. , 2013, , .		34
50	Towards network-wide QoE fairness using openflow-assisted adaptive video streaming. , 2013, , .		177
51	A Trace-Driven Analysis of Caching in Content-Centric Networks. , 2012, , .		72
52	CompactPSH: An efficient transitive TFT incentive scheme for Peer-to-Peer Networks. , 2009, , .		9
53	The Measurement and Modeling of a P2P Streaming Video Service. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 24-34.	0.2	4
54	A multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 0, 6, 1151.	0.8	14