

Fernando M V Ramos

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

2,943
citations

9
h-index

32
g-index

32
ext. papers

3,755
ext. citations

4.7
avg, IF

5.36
L-index

#	Paper	IF	Citations
27	Near-Optimal Probing Planning for In-Band Network Telemetry. <i>IEEE Communications Letters</i> , 2021 , 25, 1630-1634	3.8	5
26	Secure multi-cloud virtual network embedding. <i>Computer Communications</i> , 2020 , 155, 252-265	5.1	3
25	Secure Multi-Cloud Network Virtualization. <i>Computer Networks</i> , 2019 , 161, 45-60	5.4	8
24	ANCHOR. <i>ACM Transactions on Privacy and Security</i> , 2019 , 22, 1-36	2.9	4
23	Random Linear Network Coding on Programmable Switches 2019 ,		3
22	Named Data Networking with Programmable Switches 2018 ,		9
21	The KISS Principle in Software-Defined Networking: A Framework for Secure Communications. <i>IEEE Security and Privacy</i> , 2018 , 16, 60-70	2	6
20	On the Design of Resilient Multicloud MapReduce. <i>IEEE Cloud Computing</i> , 2017 , 4, 74-82		3
19	TrApps 2017 ,		5
18	Chrysaor: Fine-Grained, Fault-Tolerant Cloud-of-Clouds MapReduce 2017 ,		4
17	Secure network monitoring using programmable data planes 2017 ,		3
16	Towards decentralised resilient community clouds 2017 ,		6
15	(Literally) Above the clouds: Virtualizing the network over multiple clouds 2016 ,		3
14	Medusa: An Efficient Cloud Fault-Tolerant MapReduce 2016 ,		15
13	User-Centric Security and Dependability in the Clouds-of-Clouds. <i>IEEE Cloud Computing</i> , 2016 , 3, 64-75		9
12	Design and Implementation of a Consistent Data Store for a Distributed SDN Control Plane 2016 ,		11
11	. <i>Proceedings of the IEEE</i> , 2015 , 103, 14-76	14.3	2349

10	On the Design of Practical Fault-Tolerant SDN Controllers 2014 ,		44
9	Mitigating IPTV zapping delay 2013 , 51, 128-133		10
8	Towards secure and dependable software-defined networks 2013 ,		366
7	On the Feasibility of a Consistent and Fault-Tolerant Data Store for SDNs 2013 ,		35
6	On the Feasibility of Byzantine Fault-Tolerant MapReduce in Clouds-of-Clouds 2012 ,		6
5	Efficient channel selection using hierarchical clustering 2012 ,		1
4	Reducing channel change delay in IPTV by predictive pre-joining of TV channels. <i>Signal Processing: Image Communication</i> , 2011 , 26, 400-412	2.8	22
3	Relative Delay Estimator for SCTP-Based Concurrent Multipath Transfer 2010 ,		2
2	Channel smurfing: Minimising channel switching delay in IPTV distribution networks 2010 ,		7
1	Reducing energy consumption in IPTV networks by selective pre-joining of channels 2010 ,		4