

# Fernando M V Ramos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8897571/publications.pdf>

Version: 2024-02-01

32  
papers

4,281  
citations

1163117

8  
h-index

1474206

9  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3965  
citing authors

#	ARTICLE	IF	CITATIONS
1	Software-Defined Networking: A Comprehensive Survey. Proceedings of the IEEE, 2015, 103, 14-76.	21.3	3,441
2	Towards secure and dependable software-defined networks. , 2013, , .		496
3	On the Design of Practical Fault-Tolerant SDN Controllers. , 2014, , .		61
4	On the Feasibility of a Consistent and Fault-Tolerant Data Store for SDNs. , 2013, , .		40
5	Reducing channel change delay in IPTV by predictive pre-joining of TV channels. Signal Processing: Image Communication, 2011, 26, 400-412.	3.2	26
6	Design and Implementation of a Consistent Data Store for a Distributed SDN Control Plane. , 2016, , .		19
7	Named Data Networking with Programmable Switches. , 2018, , .		17
8	Medusa: An Efficient Cloud Fault-Tolerant MapReduce. , 2016, , .		16
9	Channel smurfing: Minimising channel switching delay in IPTV distribution networks. , 2010, , .		15
10	Mitigating IPTV zapping delay. , 2013, 51, 128-133.		14
11	User-Centric Security and Dependability in the Clouds-of-Clouds. IEEE Cloud Computing, 2016, 3, 64-75.	3.9	13
12	The KISS Principle in Software-Defined Networking: A Framework for Secure Communications. IEEE Security and Privacy, 2018, 16, 60-70.	1.2	13
13	Secure Multi-Cloud Network Virtualization. Computer Networks, 2019, 161, 45-60.	5.1	13
14	Near-Optimal Probing Planning for In-Band Network Telemetry. IEEE Communications Letters, 2021, 25, 1630-1634.	4.1	12
15	Reducing energy consumption in IPTV networks by selective pre-joining of channels. , 2010, , .		10
16	Random Linear Network Coding on Programmable Switches. , 2019, , .		9
17	Secure multi-cloud virtual network embedding. Computer Communications, 2020, 155, 252-265.	5.1	9
18	On the Feasibility of Byzantine Fault-Tolerant MapReduce in Clouds-of-Clouds. , 2012, , .		8

#	ARTICLE	IF	CITATIONS
19	ANCHOR. ACM Transactions on Privacy and Security, 2019, 22, 1-36.	3.0	8
20	Towards decentralised resilient community clouds. , 2017, , .		7
21	TrApps. , 2017, , .		7
22	Secure network monitoring using programmable data planes. , 2017, , .		5
23	(Literally) Above the clouds: Virtualizing the network over multiple clouds. , 2016, , .		4
24	On the Design of Resilient Multicloud MapReduce. IEEE Cloud Computing, 2017, 4, 74-82.	3.9	4
25	Chrysaor: Fine-Grained, Fault-Tolerant Cloud-of-Clouds MapReduce. , 2017, , .		4
26	Relative Delay Estimator for SCTP-Based Concurrent Multipath Transfer. , 2010, , .		3
27	Elastic Network Virtualization. , 2020, , .		3
28	Efficient channel selection using hierarchical clustering. , 2012, , .		2
29	Network Defragmentation in Virtualized Data Centers. , 2019, , .		2
30	Blending photons with electrons to reduce the energy footprint of IPTV networks. , 2016, , .		0
31	Secure and Dependable Multi-Cloud Network Virtualization. , 2017, , .		0
32	Relative delay estimator for multipath transport. , 2009, , .		0