

Diogo Mattos

List of Publications by Citations

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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.

40
papers

391
citations

13
h-index

18
g-index

57
ext. papers

596
ext. citations

2.7
avg, IF

4.19
L-index

#	Paper	IF	Citations
40	AuthFlow: authentication and access control mechanism for software defined networking. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2016 , 71, 607-615	2	40
39	FITS: A flexible virtual network testbed architecture. <i>Computer Networks</i> , 2014 , 63, 221-237	5.4	28
38	An elastic intrusion detection system for software networks. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2016 , 71, 595-605	2	27
37	Blockchain reputation-based consensus: A scalable and resilient mechanism for distributed mistrusting applications. <i>Computer Networks</i> , 2020 , 179, 107367	5.4	23
36	OMNI: OpenFlow MaNagement Infrastructure 2011 ,		23
35	Consistency, availability, and partition tolerance in blockchain: a survey on the consensus mechanism over peer-to-peer networking. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2020 , 75, 163-174	2	18
34	Flowfence: a denial of service defense system for software defined networking 2015 ,		17
33	2016 ,		16
32	An agile and effective network function virtualization infrastructure for the Internet of Things. <i>Journal of Internet Services and Applications</i> , 2019 , 10,	2.6	15
31	Towards a Blockchain-Based Secure Electronic Medical Record for Healthcare Applications 2019 ,		15
30	. <i>IEEE Communications Letters</i> , 2016 , 20, 886-889	3.8	14
29	Towards a Performance Evaluation of Private Blockchain Frameworks using a Realistic Workload 2019 ,		13
28	Experimenting Content-Centric Networks in the future internet testbed environment 2013 ,		13
27	2018 ,		11
26	A Sensitive Stylistic Approach to Identify Fake News on Social Networking. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 1250-1254	3.2	10
25	XenFlow: Seamless migration primitive and quality of service for virtual networks 2014 ,		9
24	A fast unsupervised preprocessing method for network monitoring. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2019 , 74, 139-155	2	9

23	Collecting and characterizing a real broadband access network traffic dataset 2017 ,		7
22	2015 ,		7
21	Evaluating virtual router performance for a pluralist future internet 2012 ,		7
20	A survey on data analysis on large-Scale wireless networks: online stream processing, trends, and challenges. <i>Journal of Internet Services and Applications</i> , 2020 , 11,	2.6	7
19	Identifying Fake News on Social Networks Based on Natural Language Processing: Trends and Challenges. <i>Information (Switzerland)</i> , 2021 , 12, 38	2.6	7
18	2014 ,		6
17	Physical Activity Level, Sedentary Time, and Weight Regain After Bariatric Surgery in Patients Without Regular Medical Follow-up: a Cross-Sectional Study. <i>Obesity Surgery</i> , 2021 , 31, 1705-1713	3.7	6
16	Toward a monitoring and threat detection system based on stream processing as a virtual network function for big data. <i>Concurrency Computation Practice and Experience</i> , 2019 , 31, e5344	1.4	4
15	An Unsupervised Approach to Infer Quality of Service for Large-Scale Wireless Networking. <i>Journal of Network and Systems Management</i> , 2020 , 28, 1228-1247	2.1	4
14	A high-performance Two-Phase Multipath scheme for data-center networks. <i>Computer Networks</i> , 2017 , 112, 36-51	5.4	4
13	Profiling Software Defined Networks for dynamic distributed-controller provisioning 2016 ,		4
12	A lightweight protocol for consistent policy update on software-defined networking with multiple controllers. <i>Journal of Network and Computer Applications</i> , 2018 , 122, 77-87	7.9	3
11	Virtual Machine Migration 2015 , 49-72		3
10	Attackers are not Stealthy: Statistical Analysis of the Well-Known and Infamous KDD Network Security Dataset 2020 ,		3
9	MineCap: super incremental learning for detecting and blocking cryptocurrency mining on software-defined networking. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2020 , 75, 121-131	2	3
8	2016 ,		2
7	Unsupervised and incremental learning orchestration for cyber-physical security. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 31, e4011	1.9	1
6	2017 ,		1

5	A statistical analysis of intrinsic bias of network security datasets for training machine learning mechanisms. <i>Annales Des Telecommunications/Annals of Telecommunications</i> ,1	2	1
4	A Low Cost, High-Reliability Receiver System for Reading Passive RFID Tags. <i>Journal of Microwaves, Optoelectronics and Electromagnetic Applications</i> , 2021 , 20, 812-822	0.7	1
3	A Lightweight Strategy for Reliability of Consensus Mechanisms based on Software Defined Networks 2019 ,		1
2	Changes in appetite, taste, smell, and food aversion in post-bariatric patients and their relations with surgery time, weight loss and regain. <i>Eating and Weight Disorders</i> , 2021 , 1	3.6	1
1	A Private Strategy for Workload Forecasting on Large-Scale Wireless Networks. <i>Information (Switzerland)</i> , 2021 , 12, 488	2.6	