Pedro R M InÃ¡cio

List of Publications by Year
in descending order

44 papers	998 citations	840776 11 h-index	610901 24 g-index
47 all docs	47 docs citations	47 times ranked	993 citing authors

#	Article	IF	Citations
1	Security issues in cloud environments: a survey. International Journal of Information Security, 2014, 13, 113-170.	3.4	347
2	CloudSim Plus: A cloud computing simulation framework pursuing software engineering principles for improved modularity, extensibility and correctness. , 2017, , .		100
3	Approaches for optimizing virtual machine placement and migration in cloud environments: A survey. Journal of Parallel and Distributed Computing, 2018, 111, 222-250.	4.1	89
4	Challenges of securing Internet of Things devices: A survey. Security and Privacy, 2018, 1, e20.	2.7	66
5	Applications of artificial immune systems to computer security: A survey. Journal of Information Security and Applications, 2017, 35, 138-159.	2.5	39
6	Detection and classification of peer-to-peer traffic. ACM Computing Surveys, 2013, 45, 1-40.	23.0	36
7	Detection of reduction-of-quality DDoS attacks using Fuzzy Logic and machine learning algorithms. Computer Networks, 2021, 186, 107792.	5.1	35
8	Security Challenges of the Internet of Things. Internet of Things, 2017, , 53-82.	1.7	32
9	Attack and System Modeling Applied to IoT, Cloud, and Mobile Ecosystems. ACM Computing Surveys, 2021, 53, 1-32.	23.0	29
10	IoT-HarPSecA: A Framework and Roadmap for Secure Design and Development of Devices and Applications in the IoT Space. IEEE Access, 2020, 8, 16462-16494.	4.2	27
11	On EPON security issues. IEEE Communications Surveys and Tutorials, 2007, 9, 68-83.	39.4	25
12	Analysis of Peer-to-Peer Traffic Using a Behavioural Method Based on Entropy. , 2008, , .		14
13	Secure user authentication in cloud computing management interfaces. , 2013, , .		13
14	Identification of Peer-to-Peer VoIP Sessions Using Entropy and Codec Properties. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2004-2014.	5.6	12
15	Cloud Security: State of the Art. , 2014, , 3-44.		12
16	Towards the Use of Blockchain in Mobile Health Services and Applications. Journal of Medical Systems, 2021, 45, 17.	3.6	11
17	Source traffic analysis. ACM Transactions on Multimedia Computing, Communications and Applications, 2010, 6, 1-23.	4.3	9
18	Societal risks of the end of physical cash. Futures, 2018, 104, 47-60.	2.5	9

#	ARTICLE	IF	CITATIONS
19	Detection and Mitigation of Low-Rate Denial-of-Service Attacks: A Survey. IEEE Access, 2022, 10, 76648-76668.	4.2	9
20	Security Threats and Possible Countermeasures in IoT Applications Covering Different Industry Domains. , 2018, , .		8
21	A Tutorial Introduction to IoT Design and Prototyping with Examples. , 2018, , 153-190.		8
22	Performance evaluation of the SRE and SBPG components of the IoT hardware platform security advisor framework. Computer Networks, 2021, 199, 108496.	5.1	8
23	Assessing Access Control Risk for mHealth: A Delphi Study to Categorize Security of Health Data and Provide Risk Assessment for Mobile Apps. Journal of Healthcare Engineering, 2020, 2020, 1-14.	1.9	7
24	Peaches Detection Using a Deep Learning Techniqueâ€"A Contribution to Yield Estimation, Resources Management, and Circular Economy. Climate, 2022, 10, 11.	2.8	6
25	Predicting CVSS Metric via Description Interpretation. IEEE Access, 2022, 10, 59125-59134.	4.2	6
26	Analysis of the Impact of Intensive Attacks on the Self-Similarity Degree of the Network Traffic. , 2008, , .		5
27	10G EPON Standardization in IEEE 802.3av Project. , 2008, , .		5
28	Randomness in Virtual Machines. , 2013, , .		5
29	Exploring Behavioral Patterns Through Entropy in Multimedia Peer-to-Peer Traffic. Computer Journal, 2012, 55, 740-755.	2.4	4
30	Real-time traffic classification based on statistical tests for matching signatures with packet length distributions. , 2013, , .		4
31	Fast synthesis of persistent fractional Brownian motion. ACM Transactions on Modeling and Computer Simulation, 2012, 22, 1-21.	0.8	3
32	A Quick Perspective on the Current State in Cybersecurity. , 2014, , 423-442.		3
33	On the self-similarity of traffic generated by network traffic simulators. , 2015, , 285-311.		3
34	IoT-HarPSecA. , 2019, , .		2
35	The Nature of Peer-to-Peer Traffic. , 2010, , 1231-1252.		2
36	Classification of Encrypted Internet Traffic Using Kullback-Leibler Divergence and Euclidean Distance. Advances in Intelligent Systems and Computing, 2020, , 883-897.	0.6	2

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37	Preamble Encryption Mechanism for Enhanced Privacy in Ethernet Passive Optical Networks. Lecture Notes in Computer Science, 2006, , 404-414.	1.3	1
38	A Preliminary Evaluation of the SRE and SBPG Components of the IoT-HarPSecA Framework. , 2020, , .		1
39	Zombie Identification Port. , 2008, , .		0
40	The design and evaluation of the Simple Self-Similar Sequences Generator. Information Sciences, 2009, 179, 4029-4045.	6.9	0
41	NetOdyssey - A New Tool for Real-Time Analysis of Network Traffic. , 2010, , .		0
42	On-line Detection of Encrypted Traffic Generated by Mesh-Based Peer-to-Peer Live Streaming Applications: The Case of GoalBit. , 2011, , .		0
43	Guest Editorial Special Issue on Security and Forensics of Internet of Things: Problems and Solutions. IEEE Internet of Things Journal, 2019, 6, 6363-6367.	8.7	0
44	Impact of Self C Parameter on SVM-based Classification of Encrypted Multimedia Peer-to-Peer Traffic. Lecture Notes in Networks and Systems, 2022, , 180-193.	0.7	0