Pedro R M Inácio

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	Peaches Detection Using a Deep Learning Technique—A Contribution to Yield Estimation, Resources Management, and Circular Economy. Climate, 2022, 10, 11.	2.8	6
2	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
3	Predicting CVSS Metric via Description Interpretation. IEEE Access, 2022, 10, 59125-59134.	4.2	6
4	Detection and Mitigation of Low-Rate Denial-of-Service Attacks: A Survey. IEEE Access, 2022, 10, 76648-76668.	4.2	9
5	Towards the Use of Blockchain in Mobile Health Services and Applications. Journal of Medical Systems, 2021, 45, 17.	3.6	11
6	Detection of reduction-of-quality DDoS attacks using Fuzzy Logic and machine learning algorithms. Computer Networks, 2021, 186, 107792.	5.1	35
7	Performance evaluation of the SRE and SBPG components of the IoT hardware platform security advisor framework. Computer Networks, 2021, 199, 108496.	5.1	8
8	Attack and System Modeling Applied to IoT, Cloud, and Mobile Ecosystems. ACM Computing Surveys, 2021, 53, 1-32.	23.0	29
9	A Preliminary Evaluation of the SRE and SBPG Components of the IoT-HarPSecA Framework. , 2020, , .		1
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	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
12	Classification of Encrypted Internet Traffic Using Kullback-Leibler Divergence and Euclidean Distance. Advances in Intelligent Systems and Computing, 2020, , 883-897.	0.6	2
13	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
14	IoT-HarPSecA. , 2019, , .		2
15	Challenges of securing Internet of Things devices: A survey. Security and Privacy, 2018, 1, e20.	2.7	66
16	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
17	Security Threats and Possible Countermeasures in IoT Applications Covering Different Industry Domains. , 2018, , .		8
18	A Tutorial Introduction to IoT Design and Prototyping with Examples. , 2018, , 153-190.		8

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19	Societal risks of the end of physical cash. Futures, 2018, 104, 47-60.	2.5	9
20	CloudSim Plus: A cloud computing simulation framework pursuing software engineering principles for improved modularity, extensibility and correctness. , 2017, , .		100
21	Applications of artificial immune systems to computer security: A survey. Journal of Information Security and Applications, 2017, 35, 138-159.	2.5	39
22	Security Challenges of the Internet of Things. Internet of Things, 2017, , 53-82.	1.7	32
23	On the self-similarity of traffic generated by network traffic simulators. , 2015, , 285-311.		3
24	A Quick Perspective on the Current State in Cybersecurity. , 2014, , 423-442.		3
25	Security issues in cloud environments: a survey. International Journal of Information Security, 2014, 13, 113-170.	3.4	347
26	Cloud Security: State of the Art. , 2014, , 3-44.		12
27	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
28	Detection and classification of peer-to-peer traffic. ACM Computing Surveys, 2013, 45, 1-40.	23.0	36
29	Real-time traffic classification based on statistical tests for matching signatures with packet length distributions. , 2013, , .		4
30	Secure user authentication in cloud computing management interfaces. , 2013, , .		13
31	Randomness in Virtual Machines. , 2013, , .		5
32	Fast synthesis of persistent fractional Brownian motion. ACM Transactions on Modeling and Computer Simulation, 2012, 22, 1-21.	0.8	3
33	Exploring Behavioral Patterns Through Entropy in Multimedia Peer-to-Peer Traffic. Computer Journal, 2012, 55, 740-755.	2.4	4
34	On-line Detection of Encrypted Traffic Generated by Mesh-Based Peer-to-Peer Live Streaming Applications: The Case of GoalBit. , 2011, , .		0
35	Source traffic analysis. ACM Transactions on Multimedia Computing, Communications and Applications, 2010, 6, 1-23.	4.3	9
36	NetOdyssey - A New Tool for Real-Time Analysis of Network Traffic. , 2010, , .		0

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37	The Nature of Peer-to-Peer Traffic. , 2010, , 1231-1252.		2
38	The design and evaluation of the Simple Self-Similar Sequences Generator. Information Sciences, 2009, 179, 4029-4045.	6.9	0
39	Zombie Identification Port. , 2008, , .		0
40	Analysis of the Impact of Intensive Attacks on the Self-Similarity Degree of the Network Traffic. , 2008, , .		5
41	Analysis of Peer-to-Peer Traffic Using a Behavioural Method Based on Entropy. , 2008, , .		14
42	10G EPON Standardization in IEEE 802.3av Project. , 2008, , .		5
43	On EPON security issues. IEEE Communications Surveys and Tutorials, 2007, 9, 68-83.	39.4	25
44	Preamble Encryption Mechanism for Enhanced Privacy in Ethernet Passive Optical Networks. Lecture Notes in Computer Science, 2006, , 404-414.	1.3	1