Altair Olivo Santin

List of Publications by Year
in descending order

		687220	677027
68 papers	737 citations	13 h-index	22 g-index
68 all docs	68 docs citations	68 times ranked	576 citing authors

#	Article	IF	Citations
1	Toward a reliable anomaly-based intrusion detection in real-world environments. Computer Networks, 2017, 127, 200-216.	3.2	88
2	Towards an Energy-Efficient Anomaly-Based Intrusion Detection Engine for Embedded Systems. IEEE Transactions on Computers, 2017, 66, 163-177.	2.4	73
3	BigFlow: Real-time and reliable anomaly-based intrusion detection for high-speed networks. Future Generation Computer Systems, 2019, 93, 473-485.	4.9	62
4	A Three-Ballot-Based Secure Electronic Voting System. IEEE Security and Privacy, 2008, 6, 14-21.	1.5	34
5	Octopus-IIDS: An anomaly based intelligent intrusion detection system. , 2010, , .		30
6	Integral Federated Identity Management for Cloud Computing. , 2012, , .		26
7	Obtaining the threat model for e-mail phishing. Applied Soft Computing Journal, 2013, 13, 4841-4848.	4.1	26
8	Using Blockchains to Implement Distributed Measuring Systems. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1503-1514.	2.4	24
9	Machine Learning Intrusion Detection in Big Data Era: A Multi-Objective Approach for Longer Model Lifespans. IEEE Transactions on Network Science and Engineering, 2021, 8, 366-376.	4.1	24
10	PPCensor: Architecture for real-time pornography detection in video streaming. Future Generation Computer Systems, 2020, 112, 945-955.	4.9	20
11	Mitigating XML Injection 0-Day Attacks through Strategy-Based Detection Systems. IEEE Security and Privacy, 2013, 11, 46-53.	1.5	18
12	An IdM and Key-Based Authentication Method for Providing Single Sign-On in IoT. , 2015, , .		18
13	Toward feasible machine learning model updates in network-based intrusion detection. Computer Networks, 2022, 202, 108618.	3.2	17
14	Algorithms for a distributed IDS in MANETs. Journal of Computer and System Sciences, 2014, 80, 554-570.	0.9	16
15	A reliable and energy-efficient classifier combination scheme for intrusion detection in embedded systems. Computers and Security, 2018, 78, 16-32.	4.0	16
16	Method for testing the fault tolerance of MapReduce frameworks. Computer Networks, 2015, 86, 1-13.	3.2	15
17	A Machine Learning Model for Detection of Docker-based APP Overbooking on Kubernetes. , 2021, , .		14
18	How blockchains can improve measuring instruments regulation and control. , 2018, , .		12

#	Article	IF	Citations
19	Identity and Access Management for IoT in Smart Grid. Advances in Intelligent Systems and Computing, 2020, , 1215-1226.	0.5	12
20	SDN-based and multitenant-aware resource provisioning mechanism for cloud-based big data streaming. Journal of Network and Computer Applications, 2019, 126, 133-149.	5.8	11
21	A Reliable Semi-Supervised Intrusion Detection Model: One Year of Network Traffic Anomalies. , 2020, , .		11
22	A Host-based Intrusion Detection Model Based on OS Diversity for SCADA. , 2020, , .		9
23	Applying a usage control model in an operating system kernel. Journal of Network and Computer Applications, 2011, 34, 1342-1352.	5.8	8
24	A $(m UCON_{ABC})$ Resilient Authorization Evaluation for Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 457-467.	4.0	8
25	Providing security and privacy in smart house through mobile cloud computing. , 2016, , .		7
26	On the dynamics of the RPL protocol in AMI networks under jamming attacks. , 2016, , .		7
27	A Resilient Stream Learning Intrusion Detection Mechanism for Real-Time Analysis of Network Traffic. , 2017, , .		7
28	Enabling Anomaly-based Intrusion Detection Through Model Generalization. , 2018, , .		7
29	Federation Web: a scheme to compound authorization chains on large-scale distributed systems. , 0, , .		6
30	Distributed Usage Control Architecture for Business Coalitions. , 2009, , .		6
31	Moving Network Protection from Software to Hardware: An Energy Efficiency Analysis. , 2014, , .		6
32	Stream learning and anomaly-based intrusion detection in the adversarial settings. , 2017, , .		6
33	A Smart Meter and Smart House Integrated to an IdM and Key-based Scheme for Providing Integral Security for a Smart Grid ICT. Mobile Networks and Applications, 2018, 23, 967-981.	2.2	6
34	A Machine Learning Auditing Model for Detection of Multi-Tenancy Issues Within Tenant Domain. , 2018, , .		6
35	Spam Detection Based on Feature Evolution to Deal withÂConcept Drift. Journal of Universal Computer Science, 2021, 27, 364-386.	0.6	6
36	A Long-Lasting Reinforcement Learning Intrusion Detection Model. Advances in Intelligent Systems and Computing, 2020, , 1437-1448.	0.5	6

#	ARTICLE	IF	CITATIONS
37	Web2Peer: A Peer-to-Peer Infrastructure for Publishing/Locating/Replicating Web Pages on Internet. , 2007, , .		5
38	Implementing a Peer-to-Peer Web Browser for Publishing and Searching Web Pages on Internet. International Conference on Advanced Networking and Applications, 2007, , .	0.0	5
39	An Experimental Peer-to-Peer E-mail System. , 2008, , .		5
40	A multi-domain role activation model. , 2017, , .		5
41	Enhancing service maintainability by monitoring and auditing SLA in cloud computing. Cluster Computing, 2021, 24, 1659-1674.	3.5	5
42	Facing the Unknown: A Stream Learning Intrusion Detection System for Reliable Model Updates. Advances in Intelligent Systems and Computing, 2020, , 898-909.	0.5	5
43	A Three-Pass Protocol for Cryptography Based on Padding for Wireless Networks. , 2007, , .		4
44	The energy cost of network security: A hardware vs. software comparison. , 2015, , .		4
45	A Distributed IDS for Ad Hoc Networks. , 2012, , .		3
46	An approach to deal with processing surges in cloud computing. , 2015, , .		3
47	Insights on the resilience and capacity of AMI wireless networks. , 2016, , .		3
48	Are fintechs really a hype? A machine learning-based polarity analysis of Brazilian posts on social media. , 2018, , .		3
49	A Multi-View Intrusion Detection Model for Reliable and Autonomous Model Updates. , 2021, , .		3
50	Improving Intrusion Detection Confidence Through a Moving Target Defense Strategy. , 2021, , .		3
51	A Reminiscent Intrusion Detection Model Based on Deep Autoencoders and Transfer Learning. , 2021, , .		3
52	A Grammar for Specifying Usage Control Policies. , 2007, , .		2
53	A pull-based e-mail architecture. , 2008, , .		2
54	A motion-based approach for real-time detection of pornographic content in videos. , 2022, , .		2

#	Article	IF	Citations
55	Policy control management for Web Services. , 2009, , .		1
56	Applying quorum role in network management. , 2009, , .		1
57	Towards Real-time Video Content Detection in Resource Constrained Devices. , 2020, , .		1
58	A Deep Autoencoder and RNN Model for Indoor Localization with Variable Propagation Loss. , 2021, , .		1
59	Building Trust Chains between CORBA Objects. Lecture Notes in Computer Science, 2003, , 102-116.	1.0	0
60	Policy management architecture based on provisioning model and authorization certificates. , 2009, , .		0
61	A Public Keys Based Architecture for P2P Identification, Content Authenticity and Reputation. , 2009, , .		0
62	SP2MS: A MANet-Based P2P Service. , 2010, , .		0
63	Evaluation of desktop operating systems under thrashing conditions. Journal of the Brazilian Computer Society, 2013, 19, 29-42.	0.8	0
64	An IdM and Key-Based Authentication Method for Providing Single Sign-On in IoT. , 2014, , .		0
65	A Usage Control Platform Based on Rule Templates and Authorization Credentials. , 2015, , .		0
66	Managing distributed UCONabc policies with authorization assertions and policy templates. , 2015, , .		0
67	PROTOCOL OF AUTHENTICITY TO PROVIDE LEGAL SECURITY IN E-CONTRACTS - A Prototype. , 2008, , .		0
68	Distributed Algorithms for the Creation of a New Distributed IDS in MANETs. Lecture Notes in Computer Science, 2012, , 29-42.	1.0	0