Robson de Oliveira Albuquerque

List of Publications by Year
in descending order

54 papers	363 citations	933447 10 h-index	839539 18 g-index
55 all docs	55 docs citations	55 times ranked	348 citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Language Processing Applied to Forensics Information Extraction With Transformers and Graph Visualization. IEEE Transactions on Computational Social Systems, 2024, , 1-17.	4.4	6
2	Methodological Framework to Collect, Process, Analyze and Visualize Cyber Threat Intelligence Data. Applied Sciences (Switzerland), 2022, 12, 1205.	2.5	10
3	A Model for the Definition, Prioritization and Optimization of Indicators. Electronics (Switzerland), 2022, 11, 967.	3.1	0
4	Towards System Security: What a Comparison of National Vulnerability Databases Reveals. , 2022, , .		1
5	A Framework for Continuous Authentication Based on Touch Dynamics Biometrics for Mobile Banking Applications. Sensors, 2021, 21, 4212.	3.8	10
6	Adversarial attacks on a lexical sentiment analysis classifier. Computer Communications, 2021, 174, 154-171.	5.1	3
7	Validation of Architecture Effectiveness for the Continuous Monitoring of File Integrity Stored in the Cloud Using Blockchain and Smart Contracts. Sensors, 2021, 21, 4440.	3.8	1
8	IoT-based security service for the documentary chain of custody. Sustainable Cities and Society, 2021, 71, 102940.	10.4	2
9	Biotouch: a framework based on behavioral biometrics and location for continuous authentication on mobile banking applications. , 2020, , .		3
10	A Methodology to Evaluate Standards and Platforms within Cyber Threat Intelligence. Future Internet, 2020, 12, 108.	3.8	29
11	Anonymous Real-Time Analytics Monitoring Solution for Decision Making Supported by Sentiment Analysis. Sensors, 2020, 20, 4557.	3.8	12
12	Monitoring File Integrity Using Blockchain and Smart Contracts. IEEE Access, 2020, 8, 198548-198579.	4.2	12
13	Data Security and Trading Framework for Smart Grids in Neighborhood Area Networks. Sensors, 2020, 20, 1337.	3.8	6
14	Methodology for Forensics Data Reconstruction on Mobile Devices with Android Operating System Applying In-System Programming and Combination Firmware. Applied Sciences (Switzerland), 2020, 10, 4231.	2.5	8
15	Securing Instant Messages With Hardware-Based Cryptography and Authentication in Browser Extension. IEEE Access, 2020, 8, 95137-95152.	4.2	2
16	Mirror saturation in amplified reflection Distributed Denial of Service: A case of study using SNMP, SSDP, NTP and DNS protocols. Future Generation Computer Systems, 2020, 108, 68-81.	7.5	15
17	Hy-SAIL: Hyper-Scalability, Availability and Integrity Layer for Cloud Storage Systems. IEEE Access, 2019, 7, 90082-90093.	4.2	4
18	QoS Management and Flexible Traffic Detection Architecture for 5G Mobile Networks. Sensors, 2019, 19, 1335.	3.8	10

#	Article	IF	Citations
19	Set of Usability Heuristics for Quality Assessment of Mobile Applications on Smartphones. IEEE Access, 2019, 7, 116145-116161.	4.2	33
20	PROPOSTA DE MODELO DE REFERÃŠNCIA DE INTELIGÃŠNCIA DE AMEAÃ‡AS. , 2019, , .		0
21	ESTUDO EXPERIMENTAL DA BIOMETRIA COMPORTAMENTAL PARA AUTENTICAÃ‡ÃƒO CONTÃNUA DE USUÃRIOS EM APLICAÃ‡Ã•ES BANCÃRIAS MOBILE. , 2019, , .		1
22	ESTUDO DE SOLUÃ‡Ã•ES VPN SITE-TO-SITE SEGUNDO AS TÃ‰CNICAS CRIPTOGRÃFICAS EMPREGADAS. , 2019, , .		0
23	Evaluation of an IoT device designed for transparent traffic analysis. , 2018, , .		1
24	Learning Perfectly Secure Cryptography to Protect Communications with Adversarial Neural Cryptography. Sensors, 2018, 18, 1306.	3.8	42
25	Structuring performance management best practices for citizen assistance systems in the Public Defender's Office/Brazil. , 2018, , .		0
26	Security Architecture and Protocol for Trust Verifications Regarding the Integrity of Files Stored in Cloud Services. Sensors, 2018, 18, 753.	3.8	9
27	Cryptanalysis of Kowada-Machado key exchange protocol. Journal of Information Security and Cryptography (Enigma), 2018, 4, 12.	0.7	0
28	Offline Mode for Corporate Mobile Client Security Architecture. Mobile Networks and Applications, 2017, 22, 743-759.	3.3	4
29	Distributed Data Service for Data Management in Internet of Things Middleware. Sensors, 2017, 17, 977.	3.8	32
30	Endpoint Security in Networks: An OpenMP Approach for Increasing Malware Detection Speed. Symmetry, 2017, 9, 172.	2.2	2
31	Cybersecurity and Network Forensics: Analysis of Malicious Traffic towards a Honeynet with Deep Packet Inspection. Applied Sciences (Switzerland), 2017, 7, 1082.	2.5	25
32	Detection of Electronic Anklet Wearersâ€™ Groupings throughout Telematics Monitoring. ISPRS International Journal of Geo-Information, 2017, 6, 31.	2.9	2
33	A Methodological Approach for Assessing Amplified Reflection Distributed Denial of Service on the Internet of Things. Sensors, 2016, 16, 1855.	3.8	16
34	A Proposed Protocol for Periodic Monitoring of Cloud Storage Services Using Trust and Encryption. Lecture Notes in Computer Science, 2016, , 45-59.	1.3	1
35	Trust-based protocol for permanent monitoring of file integrity in the cloud. , 2016, , .		0
36	Cloud Storage Security Mechanisms. SpringerBriefs in Computer Science, 2016, , 37-68.	0.2	0

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37	Common Cloud Attacks and Vulnerabilities. SpringerBriefs in Computer Science, 2016, , 19-35.	0.2	0
38	Leveraging information security and computational trust for cybersecurity. Journal of Supercomputing, 2016, 72, 3729-3763.	3.6	15
39	Cloud Storage Security Architecture. SpringerBriefs in Computer Science, 2016, , 69-100.	0.2	0
40	Detecção de Agrupamentos de Portadores na Monitoração Telemática de Tornozeleiras Eletrônicas. , 2016, , .		0
41	A Layered Trust Information Security Architecture. Sensors, 2014, 14, 22754-22772.	3.8	6
42	GTrust: Group Extension for Trust Models in Distributed Systems. International Journal of Distributed Sensor Networks, 2014, 10, 872842.	2.2	2
43	Trust model for private cloud. , 2012, , .		8
44	File Exchange in Cloud. , 2012, , .		0
45	File Exchange in a Private Cloud Supported by a Trust Model. , 2012, , .		9
46	Virtualization with Automated Services Catalog for Providing Integrated Information Technology Infrastructure. Lecture Notes in Computer Science, 2011, , 75-91.	1.3	1
47	Analysis of a Trust and Reputation Model Applied to a Computational Grid Using Software Agents. , 2008, , .		7
48	Enhancing an Integer Challenge-Response Protocol. Lecture Notes in Computer Science, 2008, , 526-540.	1.3	0
49	Solving incompatibilities between electronic records for orthodontic patients. American Journal of Orthodontics and Dentofacial Orthopedics, 2007, 132, 116-121.	1.7	9
50	Proposal of a System for Searching and Indexing Heterogeneous Vulnerabilities Databases. Lecture Notes in Computer Science, 2006, , 819-828.	1.3	0
51	Load Balancing and Survivability for Network Services Based on Intelligent Agents. Lecture Notes in Computer Science, 2004, , 868-881.	1.3	1
52	Survivability for a Network Service and Load Balancing Using Intelligent Agents Software. Lecture Notes in Computer Science, 2004, , 734-744.	1.3	1
53	Arquitetura de IPS para redes IoT sobrepostas em SDN. , 0, , .		1
54	LGPD: Levantamento de Técnicas Criptográficas e de Anonimização para Proteção de Bases de Dados. , 0, , .		0