

Robson de Oliveira Albuquerque

List of Publications by Year in descending order

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54
papers

363
citations

932766

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839053

18
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all docs

55
docs citations

55
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning Perfectly Secure Cryptography to Protect Communications with Adversarial Neural Cryptography. <i>Sensors</i> , 2018, 18, 1306.	2.1	42
2	Set of Usability Heuristics for Quality Assessment of Mobile Applications on Smartphones. <i>IEEE Access</i> , 2019, 7, 116145-116161.	2.6	33
3	Distributed Data Service for Data Management in Internet of Things Middleware. <i>Sensors</i> , 2017, 17, 977.	2.1	32
4	A Methodology to Evaluate Standards and Platforms within Cyber Threat Intelligence. <i>Future Internet</i> , 2020, 12, 108.	2.4	29
5	Cybersecurity and Network Forensics: Analysis of Malicious Traffic towards a Honeynet with Deep Packet Inspection. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1082.	1.3	25
6	A Methodological Approach for Assessing Amplified Reflection Distributed Denial of Service on the Internet of Things. <i>Sensors</i> , 2016, 16, 1855.	2.1	16
7	Leveraging information security and computational trust for cybersecurity. <i>Journal of Supercomputing</i> , 2016, 72, 3729-3763.	2.4	15
8	Mirror saturation in amplified reflection Distributed Denial of Service: A case of study using SNMP, SSDP, NTP and DNS protocols. <i>Future Generation Computer Systems</i> , 2020, 108, 68-81.	4.9	15
9	Anonymous Real-Time Analytics Monitoring Solution for Decision Making Supported by Sentiment Analysis. <i>Sensors</i> , 2020, 20, 4557.	2.1	12
10	Monitoring File Integrity Using Blockchain and Smart Contracts. <i>IEEE Access</i> , 2020, 8, 198548-198579.	2.6	12
11	QoS Management and Flexible Traffic Detection Architecture for 5G Mobile Networks. <i>Sensors</i> , 2019, 19, 1335.	2.1	10
12	A Framework for Continuous Authentication Based on Touch Dynamics Biometrics for Mobile Banking Applications. <i>Sensors</i> , 2021, 21, 4212.	2.1	10
13	Methodological Framework to Collect, Process, Analyze and Visualize Cyber Threat Intelligence Data. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1205.	1.3	10
14	Solving incompatibilities between electronic records for orthodontic patients. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2007, 132, 116-121.	0.8	9
15	File Exchange in a Private Cloud Supported by a Trust Model. , 2012, , .		9
16	Security Architecture and Protocol for Trust Verifications Regarding the Integrity of Files Stored in Cloud Services. <i>Sensors</i> , 2018, 18, 753.	2.1	9
17	Trust model for private cloud. , 2012, , .		8
18	Methodology for Forensics Data Reconstruction on Mobile Devices with Android Operating System Applying In-System Programming and Combination Firmware. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4231.	1.3	8

#	ARTICLE	IF	CITATIONS
19	Analysis of a Trust and Reputation Model Applied to a Computational Grid Using Software Agents. , 2008, , .		7
20	A Layered Trust Information Security Architecture. Sensors, 2014, 14, 22754-22772.	2.1	6
21	Data Security and Trading Framework for Smart Grids in Neighborhood Area Networks. Sensors, 2020, 20, 1337.	2.1	6
22	Natural Language Processing Applied to Forensics Information Extraction With Transformers and Graph Visualization. IEEE Transactions on Computational Social Systems, 2024, , 1-17.	3.2	6
23	Offline Mode for Corporate Mobile Client Security Architecture. Mobile Networks and Applications, 2017, 22, 743-759.	2.2	4
24	Hy-SAIL: Hyper-Scalability, Availability and Integrity Layer for Cloud Storage Systems. IEEE Access, 2019, 7, 90082-90093.	2.6	4
25	Biotouch: a framework based on behavioral biometrics and location for continuous authentication on mobile banking applications. , 2020, , .		3
26	Adversarial attacks on a lexical sentiment analysis classifier. Computer Communications, 2021, 174, 154-171.	3.1	3
27	GTrust: Group Extension for Trust Models in Distributed Systems. International Journal of Distributed Sensor Networks, 2014, 10, 872842.	1.3	2
28	Endpoint Security in Networks: An OpenMP Approach for Increasing Malware Detection Speed. Symmetry, 2017, 9, 172.	1.1	2
29	Detection of Electronic Ankle Wearersâ€™ Groupings throughout Telematics Monitoring. ISPRS International Journal of Geo-Information, 2017, 6, 31.	1.4	2
30	Securing Instant Messages With Hardware-Based Cryptography and Authentication in Browser Extension. IEEE Access, 2020, 8, 95137-95152.	2.6	2
31	IoT-based security service for the documentary chain of custody. Sustainable Cities and Society, 2021, 71, 102940.	5.1	2
32	A Proposed Protocol for Periodic Monitoring of Cloud Storage Services Using Trust and Encryption. Lecture Notes in Computer Science, 2016, , 45-59.	1.0	1
33	Evaluation of an IoT device designed for transparent traffic analysis. , 2018, , .		1
34	Validation of Architecture Effectiveness for the Continuous Monitoring of File Integrity Stored in the Cloud Using Blockchain and Smart Contracts. Sensors, 2021, 21, 4440.	2.1	1
35	Virtualization with Automated Services Catalog for Providing Integrated Information Technology Infrastructure. Lecture Notes in Computer Science, 2011, , 75-91.	1.0	1
36	Load Balancing and Survivability for Network Services Based on Intelligent Agents. Lecture Notes in Computer Science, 2004, , 868-881.	1.0	1

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37	Survivability for a Network Service and Load Balancing Using Intelligent Agents Software. Lecture Notes in Computer Science, 2004, , 734-744.	1.0	1
38	Arquitetura de IPS para redes IoT sobrepostas em SDN. , 0, , .		1
39	ESTUDO EXPERIMENTAL DA BIOMETRIA COMPORTAMENTAL PARA AUTENTICAÇÃO CONTÍNUA DE USUÁRIOS EM APLICAÇÕES BANCÁRIAS MOBILE. , 2019, , .		1
40	Towards System Security: What a Comparison of National Vulnerability Databases Reveals. , 2022, , .		1
41	File Exchange in Cloud. , 2012, , .		0
42	Trust-based protocol for permanent monitoring of file integrity in the cloud. , 2016, , .		0
43	Cloud Storage Security Mechanisms. SpringerBriefs in Computer Science, 2016, , 37-68.	0.2	0
44	Common Cloud Attacks and Vulnerabilities. SpringerBriefs in Computer Science, 2016, , 19-35.	0.2	0
45	Structuring performance management best practices for citizen assistance systems in the Public Defender's Office/Brazil. , 2018, , .		0
46	Proposal of a System for Searching and Indexing Heterogeneous Vulnerabilities Databases. Lecture Notes in Computer Science, 2006, , 819-828.	1.0	0
47	Enhancing an Integer Challenge-Response Protocol. Lecture Notes in Computer Science, 2008, , 526-540.	1.0	0
48	Cloud Storage Security Architecture. SpringerBriefs in Computer Science, 2016, , 69-100.	0.2	0
49	Detecção de Agrupamentos de Portadores na Monitoração Telemática de Tornozeleiras Eletrônicas. , 2016, , .		0
50	Cryptanalysis of Kowada-Machado key exchange protocol. Journal of Information Security and Cryptography (Enigma), 2018, 4, 12.	0.3	0
51	PROPOSTA DE MODELO DE REFERÊNCIA DE INTELIGÊNCIA DE AMEAÇAS. , 2019, , .		0
52	ESTUDO DE SOLUÇÕES VPN SITE-TO-SITE SEGUNDO AS TÉCNICAS CRIPTOGRÁFICAS EMPREGADAS. , 2019, , .		0
53	A Model for the Definition, Prioritization and Optimization of Indicators. Electronics (Switzerland), 2022, 11, 967.	1.8	0
54	LGPD: Levantamento de Técnicas Criptográficas e de Anonimização para Proteção de Bases de Dados. , 0, , .		0