

Syed Rizvi

List of Publications by Year in descending order

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59
papers

692
citations

623734

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677142

22
g-index

59
all docs

59
docs citations

59
times ranked

565
citing authors

#	ARTICLE	IF	CITATIONS
1	Securing the Internet of Things (IoT): A Security Taxonomy for IoT. , 2018, , .		77
2	A Survey of Security and Privacy Challenges in Cloud Computing: Solutions and Future Directions. Journal of Computing Science and Engineering, 2015, 9, 119-133.	0.6	66
3	Identifying the attack surface for IoT network. Internet of Things (Netherlands), 2020, 9, 100162.	7.7	53
4	Cloud Security Auditing: Challenges and Emerging Approaches. IEEE Security and Privacy, 2014, 12, 68-74.	1.2	49
5	Secure data aggregation using access control and authentication for wireless sensor networks. Computers and Security, 2017, 70, 532-545.	6.0	32
6	Proposing Enhanced Feature Engineering and a Selection Model for Machine Learning Processes. Applied Sciences (Switzerland), 2018, 8, 646.	2.5	28
7	Privacy preserving model: a new scheme for auditing cloud stakeholders. Journal of Cloud Computing: Advances, Systems and Applications, 2017, 6, .	3.9	27
8	Triangular data privacy-preserving model for authenticating all key stakeholders in a cloud environment. Computers and Security, 2016, 62, 328-347.	6.0	26
9	A Threat to Vehicular Cyber Security and the Urgency for Correction. Procedia Computer Science, 2017, 114, 100-105.	2.0	25
10	Threat model for securing internet of things (IoT) network at device-level. Internet of Things (Netherlands), 2020, 11, 100240.	7.7	25
11	State-of-art review of information diffusion models and their impact on social network vulnerabilities. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 1275-1294.	3.9	22
12	A security evaluation framework for cloud security auditing. Journal of Supercomputing, 2018, 74, 5774-5796.	3.6	21
13	A centralized trust model approach for cloud computing. , 2014, , .		16
14	A fuzzy inference system (FIS) to evaluate the security readiness of cloud service providers. Journal of Cloud Computing: Advances, Systems and Applications, 2020, 9, .	3.9	16
15	Secure Online Transaction Algorithm: Securing Online Transaction Using Two-Factor Authentication. Procedia Computer Science, 2017, 114, 93-99.	2.0	15
16	A Trusted Third-party (TTP) based Encryption Scheme for Ensuring Data Confidentiality in Cloud Environment. Procedia Computer Science, 2014, 36, 381-386.	2.0	14
17	Utilizing Third Party Auditing to Manage Trust in the Cloud. Procedia Computer Science, 2015, 61, 191-197.	2.0	14
18	IEEE 802.11 & Bluetooth Interference: Simulation and Coexistence. , 2009, , .		12

#	ARTICLE	IF	CITATIONS
19	Third-Party Auditor (TPA): A Potential Solution for Securing a Cloud Environment. , 2015, , .		12
20	Enhanced Grey Risk Assessment Model for Support of Cloud Service Provider. IEEE Access, 2020, 8, 80812-80826.	4.2	12
21	A stakeholder-oriented assessment index for cloud security auditing. , 2015, , .		11
22	Cloud Data Integrity Using a Designated Public Verifier. , 2015, , .		10
23	Secure and quality-of-service-supported service-oriented architecture for mobile cloud handoff process. Computers and Security, 2017, 66, 169-184.	6.0	10
24	Three-Step Approach to QoS Maintenance in Cloud Computing Using a Third-Party Auditor. Procedia Computer Science, 2017, 114, 83-92.	2.0	10
25	A Fuzzy-Logic Approach for Evaluating a Cloud Service Provider. , 2015, , .		9
26	Novel Architecture of Self-organized Mobile Wireless Sensor Networks. Journal of Computing Science and Engineering, 2015, 9, 163-176.	0.6	8
27	Advocating for Hybrid Intrusion Detection Prevention System and Framework Improvement. Procedia Computer Science, 2016, 95, 369-374.	2.0	7
28	Protecting an automobile network using distributed firewall system. , 2017, , .		6
29	Algorithm for Improving the Computing Power of Next Generation Wireless Receivers. Journal of Computing Science and Engineering, 2012, 6, 310-319.	0.6	6
30	Analyzing the Integration of Cognitive Radio and Cloud Computing for Secure Networking. Procedia Computer Science, 2015, 61, 206-212.	2.0	5
31	Token security for internet of things. International Journal of Embedded Systems, 2018, 10, 334.	0.3	5
32	A New Methodology for Self Localization in Wireless Sensor Networks. , 2010, , 263-268.		5
33	Multi-Layer Defense Model for Securing Online Financial Transactions. , 2017, , .		4
34	Security evaluation of cloud service providers using third party auditors. , 2017, , .		4
35	Securing PKES against Relay Attacks using Coordinate Tracing and Multi-Factor Authentication. , 2019, , .		4
36	Transformation matrix algorithm for reducing the computational complexity of multiuser receivers for DS-CDMA wireless systems. , 2007, , .		3

#	ARTICLE	IF	CITATIONS
37	Active scanning: A better approach to reduce handover time at MAC layer for wireless networks. , 2009, , .		3
38	Securing Wireless Networks from Sinkhole and Sybil Attacks Using Secure Data Aggregation Protocol. , 2018, , .		3
39	A novel approach for creating trust to reduce malicious behavior in MANET. , 2007, , .		2
40	Use of Self-Adaptive Methodology in Wireless Sensor Networks for Reducing Energy Consumption. , 2007, , .		2
41	Trees and Butterflies Barriers in Distributed Simulation System: A Better Approach to Improve Latency and the Processor Idle Time. , 2007, , .		2
42	A New Dynamic Cache Flushing (DCF) algorithm for preventing cache timing attack. Wireless Telecommunications Symposium, 2009 WTS 2009, 2008, , .	0.0	2
43	An opportunistic frequency channels selection scheme for interference minimization. , 2014, , .		2
44	Black-box: A new secure distributed peer-to-peer file storage and backup system. , 2016, , .		2
45	Computing Security Scores for IoT Device Vulnerabilities. , 2019, , .		2
46	A new methodology for self localization in wireless sensor networks. , 2008, , .		1
47	Deterministic formulization of bandwidth efficiency for multicast systems. , 2009, , .		1
48	Blackbox: Distributed peer to peer file storage and backup. , 2016, , .		1
49	A closed-form expression for BER to quantify MAI for synchronous DS-CDMA multi-user detector. Wireless Telecommunications Symposium, 2009 WTS 2009, 2008, , .	0.0	0
50	The Worst and Best Case Capacity Analysis of Mobile Ad Hoc Networks (MANET) Using a 3-Phase Algorithm. , 2008, , .		0
51	Deterministic Formalization of the Processing Gain for Reducing MAI in Multi-Channel Communications System. , 2008, , .		0
52	Transformation Matrix System for Reducing the Computational Complexity of Wireless Multi-User Receivers for DS-CDMA Systems. , 2008, , .		0
53	Analyzing SNR performance of a low-complexity wireless Multiuser receiver for DS-CDMA systems. , 2009, , .		0
54	A low complexity optimum multi-user receiver for maximizing the BER performance for DS-CDMA systems. , 2009, , .		0

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55	A user oriented cloud security evaluation framework. International Journal of Trust Management in Computing and Communications, 2015, 3, 168.	0.1	0
56	A new power efficient wireless modem. , 2016, , .		0
57	Protecting financial transactions through networks and point of sales. Journal of Cyber Security Technology, 2020, 4, 211-239.	2.9	0
58	Analyzing the Security Susceptibilities of Biometrics Integrated with Cloud Computing. , 2017, , 1258-1274.		0
59	Cloud Security. , 2017, , 1506-1521.		0