Syed Rizvi

List of Publications by Year
in descending order

59 papers	692 citations	623734 14 h-index	677142 22 g-index
59 all docs	59 docs citations	59 times ranked	565 citing authors

#	Article	IF	Citations
1	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
2	Identifying the attack surface for IoT network. Internet of Things (Netherlands), 2020, 9, 100162.	7.7	53
3	Protecting financial transactions through networks and point of sales. Journal of Cyber Security Technology, 2020, 4, 211-239.	2.9	0
4	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
5	Threat model for securing internet of things (IoT) network at device-level. Internet of Things (Netherlands), 2020, 11, 100240.	7.7	25
6	Enhanced Grey Risk Assessment Model for Support of Cloud Service Provider. IEEE Access, 2020, 8, 80812-80826.	4.2	12
7	Securing PKES against Relay Attacks using Coordinate Tracing and Multi-Factor Authentication. , 2019, , .		4
8	Computing Security Scores for IoT Device Vulnerabilities. , 2019, , .		2
9	A security evaluation framework for cloud security auditing. Journal of Supercomputing, 2018, 74, 5774-5796.	3.6	21
10	Securing the Internet of Things (IoT): A Security Taxonomy for IoT. , 2018, , .		77
11	Securing Wireless Networks from Sinkhole and Sybil Attacks Using Secure Data Aggregation Protocol. , 2018, , .		3
12	Proposing Enhanced Feature Engineering and a Selection Model for Machine Learning Processes. Applied Sciences (Switzerland), 2018, 8, 646.	2.5	28
13	Token security for internet of things. International Journal of Embedded Systems, 2018, 10, 334.	0.3	5
14	Secure and quality-of-service-supported service-oriented architecture for mobile cloud handoff process. Computers and Security, 2017, 66, 169-184.	6.0	10
15	Privacy preserving model: a new scheme for auditing cloud stakeholders. Journal of Cloud Computing: Advances, Systems and Applications, 2017, 6, .	3.9	27
16	Three-Step Approach to QoS Maintenance in Cloud Computing Using a Third-Party Auditor. Procedia Computer Science, 2017, 114, 83-92.	2.0	10
17	Secure Online Transaction Algorithm: Securing Online Transaction Using Two-Factor Authentication. Procedia Computer Science, 2017, 114, 93-99.	2.0	15
18	A Threat to Vehicular Cyber Security and the Urgency for Correction. Procedia Computer Science, 2017, 114, 100-105.	2.0	25

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19	Secure data aggregation using access control and authentication for wireless sensor networks. Computers and Security, 2017, 70, 532-545.	6.0	32
20	Protecting an automobile network using distributed firewall system. , 2017, , .		6
21	Multi-Layer Defense Model for Securing Online Financial Transactions. , 2017, , .		4
22	Security evaluation of cloud service providers using third party auditors. , 2017, , .		4
23	Analyzing the Security Susceptibilities of Biometrics Integrated with Cloud Computing. , 2017, , 1258-1274.		0
24	Cloud Security. , 2017, , 1506-1521.		0
25	Blackbox: Distributed peer to peer file storage and backup. , 2016, , .		1
26	A new power efficient wireless modem. , 2016, , .		0
27	Black-box: A new secure distributed peer-to-peer file storage and backup system. , 2016, , .		2
28	Triangular data privacy-preserving model for authenticating all key stakeholders in a cloud environment. Computers and Security, 2016, 62, 328-347.	6.0	26
29	Advocating for Hybrid Intrusion Detection Prevention System and Framework Improvement. Procedia Computer Science, 2016, 95, 369-374.	2.0	7
30	A user oriented cloud security evaluation framework. International Journal of Trust Management in Computing and Communications, 2015, 3, 168.	0.1	0
31	A Fuzzy-Logic Approach for Evaluating a Cloud Service Provider. , 2015, , .		9
32	Third-Party Auditor (TPA): A Potential Solution for Securing a Cloud Environment. , 2015, , .		12
33	Cloud Data Integrity Using a Designated Public Verifier. , 2015, , .		10
34	A stakeholder-oriented assessment index for cloud security auditing. , 2015, , .		11
35	Utilizing Third Party Auditing to Manage Trust in the Cloud. Procedia Computer Science, 2015, 61, 191-197.	2.0	14
36	Analyzing the Integration of Cognitive Radio and Cloud Computing for Secure Networking. Procedia Computer Science, 2015, 61, 206-212.	2.0	5

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37	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
38	Novel Architecture of Self-organized Mobile Wireless Sensor Networks. Journal of Computing Science and Engineering, 2015, 9, 163-176.	0.6	8
39	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
40	An opportunistic frequency channels selection scheme for interference minimization. , 2014, , .		2
41	Cloud Security Auditing: Challenges and Emerging Approaches. IEEE Security and Privacy, 2014, 12, 68-74.	1.2	49
42	A centralized trust model approach for cloud computing. , 2014, , .		16
43	Algorithm for Improving the Computing Power of Next Generation Wireless Receivers. Journal of Computing Science and Engineering, 2012, 6, 310-319.	0.6	6
44	A New Methodology for Self Localization in Wireless Sensor Networks. , 2010, , 263-268.		5
45	IEEE 802.11 &#x00026; Bluetooth Interference: Simulation and Coexistence. , 2009, , .		12
46	Active scanning: A better approach to reduce handover time at MAC layer for wireless networks. , 2009, , .		3
47	Analyzing SNR performance of a low-complexity wireless Multiuser receiver for DS-CDMA systems. , 2009, , .		0
48	A low complexity optimum multi-user receiver for maximizing the BER performance for DS-CDMA systems. , 2009, , .		0
49	Deterministic formulization of bandwidth efficiency for multicast systems. , 2009, , .		1
50	A new methodology for self localization in wireless sensor networks. , 2008, , .		1
51	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
52	A New Dynamic Cache Flushing (DCF) algorithm for preventing cache timing attack. Wireless Telecommunications Symposium, 2009 WTS 2009, 2008, , .	0.0	2
53	The Worst and Best Case Capacity Analysis of Mobile Ad Hoc Networks (MANET) Using a 3-Phase Algorithm. , 2008, , .		0
54	Deterministic Formalization of the Processing Gain for Reducing MAI in Multi-Channel Communications System. , 2008, , .		0

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55	Transformation Matrix System for Reducing the Computational Complexity of Wireless Multi-User Receivers for DS-CDMA Systems. , 2008, , .		0
56	A novel approach for creating trust to reduce malicious behavior in MANET. , 2007, , .		2
57	Use of Self-Adaptive Methodology in Wireless Sensor Networks for Reducing Energy Consumption. , 2007, , .		2
58	Trees and Butterflies Barriers in Distributed Simulation System: A Better Approach to Improve Latency and the Processor Idle Time. , 2007, , .		2
59	Transformation matrix algorithm for reducing the computational complexity of multiuser receivers for DS-CDMA wireless systems. , 2007, , .		3