Rajeev Kumar

List of Publications by Year
in descending order

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61 papers	1,441 citations	304743 22 h-index	345221 36 g-index
61 all docs	61 docs citations	61 times ranked	401 citing authors

#	Article	IF	Citations
1	A neutrosophic AHP-based computational technique for security management in a fog computing network. Journal of Supercomputing, 2023, 79, 295-320.	3.6	5
2	Multi-level Fuzzy system for usable-security assessment. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 657-665.	3.9	11
3	Hybrid Computational Modeling for Web Application Security Assessment. Computers, Materials and Continua, 2022, 70, 469-489.	1.9	7
4	Analyzing the Data of Software Security Life-Span: Quantum Computing Era. Intelligent Automation and Soft Computing, 2022, 31, 707-716.	2.1	5
5	Evaluating the Impacts of Security-Durability Characteristic: Data Science Perspective. Computer Systems Science and Engineering, 2022, 41, 557-567.	2.4	2
6	Analyzing the Big Data Security Through a Unified Decision-Making Approach. Intelligent Automation and Soft Computing, 2022, 32, 1071-1088.	2.1	39
7	Analyzing the Implications of COVID-19 Pandemic through an Intelligent-Computing Technique. Computer Systems Science and Engineering, 2022, 41, 959-974.	2.4	0
8	An Analysis of Integrating Machine Learning in Healthcare for Ensuring Confidentiality of the Electronic Records. CMES - Computer Modeling in Engineering and Sciences, 2022, 130, 1387-1422.	1.1	4
9	Analyzing the Implications of Healthcare Data Breaches through Computational Technique. Intelligent Automation and Soft Computing, 2022, 32, 1763-1779.	2.1	46
10	Effectiveness Evaluation of Different IDSs Using Integrated Fuzzy MCDM Model. Electronics (Switzerland), 2022, 11, 859.	3.1	13
11	An Empirical Investigation to Understand the Issues of Distributed Software Testing amid COVID-19 Pandemic. Processes, 2022, 10, 838.	2.8	8
12	Usability Evaluation Through Fuzzy AHP-TOPSIS Approach: Security Requirement Perspective. Computers, Materials and Continua, 2021, 68, 1203-1218.	1.9	9
13	Evaluating the Impact of Prediction Techniques: Software Reliability Perspective. Computers, Materials and Continua, 2021, 67, 1471-1488.	1.9	65
14	A Systematic Analysis on Blockchain Integration With Healthcare Domain: Scope and Challenges. IEEE Access, 2021, 9, 84666-84687.	4.2	47
15	Machine Learning Based Framework for Maintaining Privacy of Healthcare Data. Intelligent Automation and Soft Computing, 2021, 29, 697-712.	2.1	11
16	Evaluating the Impact of Software Security Tactics: A Design Perspective. Computers, Materials and Continua, 2021, 66, 2283-2299.	1.9	4
17	Estimating the Impact of COVID-19 Pandemic on the Research Community in the Kingdom of Saudi Arabia. CMES - Computer Modeling in Engineering and Sciences, 2021, 126, 419-436.	1.1	6
18	Exploring the Topological Properties of the Tor Dark Web. IEEE Access, 2021, 9, 21746-21758.	4.2	9

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19	Device Security Assessment of Internet of Healthcare Things. Intelligent Automation and Soft Computing, 2021, 27, 593-603.	2.1	28
20	Computational Technique for Effectiveness of Treatments Used in Curing SARS-CoV-2. Intelligent Automation and Soft Computing, 2021, 28, 617-628.	2.1	14
21	Integrity Assessment of Medical Devices for Improving Hospital Services. Computers, Materials and Continua, 2021, 67, 3619-3633.	1.9	19
22	P-STORE: Extension of STORE Methodology to Elicit Privacy Requirements. Arabian Journal for Science and Engineering, 2021, 46, 8287-8310.	3.0	29
23	Ensuring data integrity of healthcare information in the era of digital health. Healthcare Technology Letters, 2021, 8, 66-77.	3.3	41
24	A hybrid fuzzy rule-based multi-criteria framework for sustainable-security assessment of web application. Ain Shams Engineering Journal, 2021, 12, 2227-2240.	6.1	19
25	Impact of Tools and Techniques for Securing Consultancy Services. Computer Systems Science and Engineering, 2021, 37, 347-360.	2.4	15
26	Impact Assessment of COVID-19 Pandemic Through Machine Learning Models. Computers, Materials and Continua, 2021, 68, 2895-2912.	1.9	8
27	Analyzing the Impact of Cyber Security Related Attributes for Intrusion Detection Systems. Sustainability, 2021, 13, 12337.	3.2	4
28	The Evaluation of Software Security through Quantum Computing Techniques: A Durability Perspective. Applied Sciences (Switzerland), 2021, 11, 11784.	2.5	20
29	Usable-Security Assessment of Healthcare Software System Through Fuzzy ANP-TOPSIS Method. International Journal of System Dynamics Applications, 2021, 10, 1-24.	0.3	2
30	Evaluating the Security Impact of Healthcare Web Applications Through Fuzzy Based Hybrid Approach of Multi-Criteria Decision-Making Analysis. IEEE Access, 2020, 8, 135770-135783.	4.2	21
31	A Hybrid Model of Hesitant Fuzzy Decision-Making Analysis for Estimating Usable-Security of Software. IEEE Access, 2020, 8, 72694-72712.	4.2	17
32	A wake-up call for data integrity invulnerability. Computer Fraud and Security, 2020, 2020, 14-19.	1.6	6
33	Hesitant Fuzzy Sets Based Symmetrical Model of Decision-Making for Estimating the Durability of Web Application. Symmetry, 2020, 12, 1770.	2.2	80
34	Evaluating the Impact of Blockchain Models for Secure and Trustworthy Electronic Healthcare Records. IEEE Access, 2020, 8, 157959-157973.	4.2	85
35	Healthcare Data Breaches: Insights and Implications. Healthcare (Switzerland), 2020, 8, 133.	2.0	178
36	Security Risk Assessment of Healthcare Web Application Through Adaptive Neuro-Fuzzy Inference System: A Design Perspective . Risk Management and Healthcare Policy, 2020, Volume 13, 355-371.	2.5	23

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37	A Knowledge-Based Integrated System of Hesitant Fuzzy Set, AHP and TOPSIS for Evaluating Security-Durability of Web Applications. IEEE Access, 2020, 8, 48870-48885.	4.2	41
38	Key Issues in Healthcare Data Integrity: Analysis and Recommendations. IEEE Access, 2020, 8, 40612-40628.	4.2	53
39	An Integrated Approach of Fuzzy Logic, AHP and TOPSIS for Estimating Usable-Security of Web Applications. IEEE Access, 2020, 8, 50944-50957.	4.2	56
40	Software Security Estimation Using the Hybrid Fuzzy ANP-TOPSIS Approach: Design Tactics Perspective. Symmetry, 2020, 12, 598.	2.2	25
41	Evaluating Performance of Web Application Security Through a Fuzzy Based Hybrid Multi-Criteria Decision-Making Approach: Design Tactics Perspective. IEEE Access, 2020, 8, 25543-25556.	4.2	33
42	Evaluating Performance of Software Durability through an Integrated Fuzzy-Based Symmetrical Method of ANP and TOPSIS. Symmetry, 2020, 12, 493.	2.2	42
43	A Unified Fuzzy-Based Symmetrical Multi-Criteria Decision-Making Method for Evaluating Sustainable-Security of Web Applications. Symmetry, 2020, 12, 448.	2.2	9
44	Fuzzy-Based Symmetrical Multi-Criteria Decision-Making Procedure for Evaluating the Impact of Harmful Factors of Healthcare Information Security. Symmetry, 2020, 12, 664.	2.2	34
45	Managing Multimedia Big Data: Security and Privacy Perspective. Advances in Intelligent Systems and Computing, 2020, , 1-12.	0.6	2
46	A Fuzzy Multi-Objective Covering-based Security Quantification Model for Mitigating Risk of Web based Medical Image Processing System. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	15
47	Current Challenges of Digital Forensics in Cyber Security. Advances in Digital Crime, Forensics, and Cyber Terrorism, 2020, , 31-46.	0.4	5
48	Trends in Malware Attacks. Advances in Digital Crime, Forensics, and Cyber Terrorism, 2020, , 47-60.	0.4	8
49	Attribute based honey encryption algorithm for securing big data: Hadoop distributed file system perspective. PeerJ Computer Science, 2020, 6, e259.	4.5	22
50	A Framework for Producing Effective and Efficient Secure Code through Malware Analysis. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	3
51	Fuzzy Multi Criteria Decision Analysis Method for Assessing Security Design Tactics for Web Applications. International Journal of Intelligent Engineering and Systems, 2020, 13, 181-196.	0.6	7
52	A source code perspective framework to produce secure web applications. Computer Fraud and Security, 2019, 2019, 11-18.	1.6	8
53	Measuring the Sustainable-Security of Web Applications Through a Fuzzy-Based Integrated Approach of AHP and TOPSIS. IEEE Access, 2019, 7, 153936-153951.	4.2	38
54	Securing Web Applications through a Framework of Source Code Analysis. Journal of Computer Science, 2019, 15, 1780-1794.	0.6	3

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55	Measuring Security Durability of Software through Fuzzy-Based Decision-Making Process. International Journal of Computational Intelligence Systems, 2019, 12, 627.	2.7	42
56	Security durability assessment through fuzzy analytic hierarchy process. PeerJ Computer Science, 2019, 5, e215.	4.5	24
57	Fuzzy Analytic Hierarchy Process for Software Durability: Security Risks Perspective. Advances in Intelligent Systems and Computing, 2017, , 469-478.	0.6	12
58	Analytical network process for software security: a design perspective. CSI Transactions on ICT, 2016, 4, 255-258.	1.0	22
59	Secure Serviceability of Software: Durability Perspective. Communications in Computer and Information Science, 2016, , 104-110.	0.5	6
60	Revisiting Software Security: Durability Perspective. International Journal of Hybrid Information Technology, 2015, 8, 311-322.	0.6	24
61	Revisiting Software Security Risks. British Journal of Mathematics & Computer Science, 2015, 11, 1-10.	0.3	7