

Rajeev Kumar

List of Publications by Year in descending order

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61
papers

1,441
citations

304368

22
h-index

344852

36
g-index

61
all docs

61
docs citations

61
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Healthcare Data Breaches: Insights and Implications. <i>Healthcare (Switzerland)</i> , 2020, 8, 133.	1.0	178
2	Evaluating the Impact of Blockchain Models for Secure and Trustworthy Electronic Healthcare Records. <i>IEEE Access</i> , 2020, 8, 157959-157973.	2.6	85
3	Hesitant Fuzzy Sets Based Symmetrical Model of Decision-Making for Estimating the Durability of Web Application. <i>Symmetry</i> , 2020, 12, 1770.	1.1	80
4	Evaluating the Impact of Prediction Techniques: Software Reliability Perspective. <i>Computers, Materials and Continua</i> , 2021, 67, 1471-1488.	1.5	65
5	An Integrated Approach of Fuzzy Logic, AHP and TOPSIS for Estimating Usable-Security of Web Applications. <i>IEEE Access</i> , 2020, 8, 50944-50957.	2.6	56
6	Key Issues in Healthcare Data Integrity: Analysis and Recommendations. <i>IEEE Access</i> , 2020, 8, 40612-40628.	2.6	53
7	A Systematic Analysis on Blockchain Integration With Healthcare Domain: Scope and Challenges. <i>IEEE Access</i> , 2021, 9, 84666-84687.	2.6	47
8	Analyzing the Implications of Healthcare Data Breaches through Computational Technique. <i>Intelligent Automation and Soft Computing</i> , 2022, 32, 1763-1779.	1.6	46
9	Evaluating Performance of Software Durability through an Integrated Fuzzy-Based Symmetrical Method of ANP and TOPSIS. <i>Symmetry</i> , 2020, 12, 493.	1.1	42
10	Measuring Security Durability of Software through Fuzzy-Based Decision-Making Process. <i>International Journal of Computational Intelligence Systems</i> , 2019, 12, 627.	1.6	42
11	A Knowledge-Based Integrated System of Hesitant Fuzzy Set, AHP and TOPSIS for Evaluating Security-Durability of Web Applications. <i>IEEE Access</i> , 2020, 8, 48870-48885.	2.6	41
12	Ensuring data integrity of healthcare information in the era of digital health. <i>Healthcare Technology Letters</i> , 2021, 8, 66-77.	1.9	41
13	Analyzing the Big Data Security Through a Unified Decision-Making Approach. <i>Intelligent Automation and Soft Computing</i> , 2022, 32, 1071-1088.	1.6	39
14	Measuring the Sustainable-Security of Web Applications Through a Fuzzy-Based Integrated Approach of AHP and TOPSIS. <i>IEEE Access</i> , 2019, 7, 153936-153951.	2.6	38
15	Fuzzy-Based Symmetrical Multi-Criteria Decision-Making Procedure for Evaluating the Impact of Harmful Factors of Healthcare Information Security. <i>Symmetry</i> , 2020, 12, 664.	1.1	34
16	Evaluating Performance of Web Application Security Through a Fuzzy Based Hybrid Multi-Criteria Decision-Making Approach: Design Tactics Perspective. <i>IEEE Access</i> , 2020, 8, 25543-25556.	2.6	33
17	P-STORE: Extension of STORE Methodology to Elicit Privacy Requirements. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 8287-8310.	1.7	29
18	Device Security Assessment of Internet of Healthcare Things. <i>Intelligent Automation and Soft Computing</i> , 2021, 27, 593-603.	1.6	28

#	ARTICLE	IF	CITATIONS
19	Software Security Estimation Using the Hybrid Fuzzy ANP-TOPSIS Approach: Design Tactics Perspective. <i>Symmetry</i> , 2020, 12, 598.	1.1	25
20	Revisiting Software Security: Durability Perspective. <i>International Journal of Hybrid Information Technology</i> , 2015, 8, 311-322.	0.6	24
21	Security durability assessment through fuzzy analytic hierarchy process. <i>PeerJ Computer Science</i> , 2019, 5, e215.	2.7	24
22	<p>Security Risk Assessment of Healthcare Web Application Through Adaptive Neuro-Fuzzy Inference System: A Design Perspective</p>. <i>Risk Management and Healthcare Policy</i> , 2020, Volume 13, 355-371.	1.2	23
23	Analytical network process for software security: a design perspective. <i>CSI Transactions on ICT</i> , 2016, 4, 255-258.	0.7	22
24	Attribute based honey encryption algorithm for securing big data: Hadoop distributed file system perspective. <i>PeerJ Computer Science</i> , 2020, 6, e259.	2.7	22
25	Evaluating the Security Impact of Healthcare Web Applications Through Fuzzy Based Hybrid Approach of Multi-Criteria Decision-Making Analysis. <i>IEEE Access</i> , 2020, 8, 135770-135783.	2.6	21
26	The Evaluation of Software Security through Quantum Computing Techniques: A Durability Perspective. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11784.	1.3	20
27	Integrity Assessment of Medical Devices for Improving Hospital Services. <i>Computers, Materials and Continua</i> , 2021, 67, 3619-3633.	1.5	19
28	A hybrid fuzzy rule-based multi-criteria framework for sustainable-security assessment of web application. <i>Ain Shams Engineering Journal</i> , 2021, 12, 2227-2240.	3.5	19
29	A Hybrid Model of Hesitant Fuzzy Decision-Making Analysis for Estimating Usable-Security of Software. <i>IEEE Access</i> , 2020, 8, 72694-72712.	2.6	17
30	Impact of Tools and Techniques for Securing Consultancy Services. <i>Computer Systems Science and Engineering</i> , 2021, 37, 347-360.	1.9	15
31	A Fuzzy Multi-Objective Covering-based Security Quantification Model for Mitigating Risk of Web based Medical Image Processing System. <i>International Journal of Advanced Computer Science and Applications</i> , 2020, 11, .	0.5	15
32	Computational Technique for Effectiveness of Treatments Used in Curing SARS-CoV-2. <i>Intelligent Automation and Soft Computing</i> , 2021, 28, 617-628.	1.6	14
33	Effectiveness Evaluation of Different IDSs Using Integrated Fuzzy MCDM Model. <i>Electronics (Switzerland)</i> , 2022, 11, 859.	1.8	13
34	Fuzzy Analytic Hierarchy Process for Software Durability: Security Risks Perspective. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 469-478.	0.5	12
35	Multi-level Fuzzy system for usable-security assessment. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 657-665.	2.7	11
36	Machine Learning Based Framework for Maintaining Privacy of Healthcare Data. <i>Intelligent Automation and Soft Computing</i> , 2021, 29, 697-712.	1.6	11

#	ARTICLE	IF	CITATIONS
37	A Unified Fuzzy-Based Symmetrical Multi-Criteria Decision-Making Method for Evaluating Sustainable-Security of Web Applications. <i>Symmetry</i> , 2020, 12, 448.	1.1	9
38	Usability Evaluation Through Fuzzy AHP-TOPSIS Approach: Security Requirement Perspective. <i>Computers, Materials and Continua</i> , 2021, 68, 1203-1218.	1.5	9
39	Exploring the Topological Properties of the Tor Dark Web. <i>IEEE Access</i> , 2021, 9, 21746-21758.	2.6	9
40	A source code perspective framework to produce secure web applications. <i>Computer Fraud and Security</i> , 2019, 2019, 11-18.	1.3	8
41	Impact Assessment of COVID-19 Pandemic Through Machine Learning Models. <i>Computers, Materials and Continua</i> , 2021, 68, 2895-2912.	1.5	8
42	Trends in Malware Attacks. <i>Advances in Digital Crime, Forensics, and Cyber Terrorism</i> , 2020, , 47-60.	0.4	8
43	An Empirical Investigation to Understand the Issues of Distributed Software Testing amid COVID-19 Pandemic. <i>Processes</i> , 2022, 10, 838.	1.3	8
44	Hybrid Computational Modeling for Web Application Security Assessment. <i>Computers, Materials and Continua</i> , 2022, 70, 469-489.	1.5	7
45	Revisiting Software Security Risks. <i>British Journal of Mathematics & Computer Science</i> , 2015, 11, 1-10.	0.3	7
46	Fuzzy Multi Criteria Decision Analysis Method for Assessing Security Design Tactics for Web Applications. <i>International Journal of Intelligent Engineering and Systems</i> , 2020, 13, 181-196.	0.8	7
47	A wake-up call for data integrity invulnerability. <i>Computer Fraud and Security</i> , 2020, 2020, 14-19.	1.3	6
48	Estimating the Impact of COVID-19 Pandemic on the Research Community in the Kingdom of Saudi Arabia. <i>CMES - Computer Modeling in Engineering and Sciences</i> , 2021, 126, 419-436.	0.8	6
49	Secure Serviceability of Software: Durability Perspective. <i>Communications in Computer and Information Science</i> , 2016, , 104-110.	0.4	6
50	Analyzing the Data of Software Security Life-Span: Quantum Computing Era. <i>Intelligent Automation and Soft Computing</i> , 2022, 31, 707-716.	1.6	5
51	Current Challenges of Digital Forensics in Cyber Security. <i>Advances in Digital Crime, Forensics, and Cyber Terrorism</i> , 2020, , 31-46.	0.4	5
52	A neutrosophic AHP-based computational technique for security management in a fog computing network. <i>Journal of Supercomputing</i> , 2023, 79, 295-320.	2.4	5
53	Evaluating the Impact of Software Security Tactics: A Design Perspective. <i>Computers, Materials and Continua</i> , 2021, 66, 2283-2299.	1.5	4
54	Analyzing the Impact of Cyber Security Related Attributes for Intrusion Detection Systems. <i>Sustainability</i> , 2021, 13, 12337.	1.6	4

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55	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.	0.8	4
56	Securing Web Applications through a Framework of Source Code Analysis. Journal of Computer Science, 2019, 15, 1780-1794.	0.5	3
57	A Framework for Producing Effective and Efficient Secure Code through Malware Analysis. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	3
58	Managing Multimedia Big Data: Security and Privacy Perspective. Advances in Intelligent Systems and Computing, 2020, , 1-12.	0.5	2
59	Evaluating the Impacts of Security-Durability Characteristic: Data Science Perspective. Computer Systems Science and Engineering, 2022, 41, 557-567.	1.9	2
60	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
61	Analyzing the Implications of COVID-19 Pandemic through an Intelligent-Computing Technique. Computer Systems Science and Engineering, 2022, 41, 959-974.	1.9	0