

Mamdouh Alenezi

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

1,381
citations

394421

19
h-index

414414

32
g-index

102
all docs

102
docs citations

102
times ranked

855
citing authors

#	ARTICLE	IF	CITATIONS
1	STORE: Security Threat Oriented Requirements Engineering Methodology. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 191-203.	3.9	34
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 Representation to Locate Vulnerable Lines of Code. International Journal of Software Innovation, 2022, 10, 1-19.	0.4	0
4	Synthesizing secure software development activities for linear and agile lifecycle models. Software - Practice and Experience, 2022, 52, 1426-1453.	3.6	4
5	Security Testing Framework for Web Applications. , 2022, , 453-479.		0
6	Methodical Software Testing Course in Higher Education. International Journal of Engineering Pedagogy, 2022, 12, 51-62.	1.1	0
7	An Ontological Framework for Healthcare Web Applications Security. International Journal of Advanced Computer Science and Applications, 2021, 12, .	0.7	0
8	Evaluating the Impact of Software Security Tactics: A Design Perspective. Computers, Materials and Continua, 2021, 66, 2283-2299.	1.9	4
9	SecurityGuard: An Automated Secure Coding Framework. Communications in Computer and Information Science, 2021, , 303-310.	0.5	1
10	An Efficient, Secure, and Queryable Encryption for NoSQL-Based Databases Hosted on Untrusted Cloud Environments. , 2021, , 725-743.		0
11	Monitoring People's Emotions and Symptoms from Arabic Tweets during the COVID-19 Pandemic. Information (Switzerland), 2021, 12, 86.	2.9	21
12	SQL injection attacks countermeasures assessments. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 21, 1121.	0.8	9
13	Ensuring data integrity of healthcare information in the era of digital health. Healthcare Technology Letters, 2021, 8, 66-77.	3.3	41
14	Comparative Analysis for Predicting Non-Functional Requirements using Supervised Machine Learning. , 2021, , .		1
15	Internal Quality Evolution of Open-Source Software Systems. Applied Sciences (Switzerland), 2021, 11, 5690.	2.5	3
16	Exploring Software Security Test Generation Techniques: Challenges and Opportunities. International Journal of Education and Information Technologies, 2021, 15, 107-121.	0.2	0
17	Software process improvement initiative in medium size IT organization: a case study. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 23, 500.	0.8	0
18	Anonymous Authentication for Privacy Preserving of Multimedia Data in the Cloud. , 2021, , 428-452.		0

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19	A sustainable procedural method of software design process improvements. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 21, 440.	0.8	1
20	The COVID-19 pandemic: when e-learning becomes mandatory not complementary. International Journal of Technology Enhanced Learning, 2021, 13, 429.	0.7	4
21	A reference measurement framework of software security product quality (SPQ NFSR). IET Information Security, 2021, 15, 23-37.	1.7	0
22	Deep Dive into Digital Transformation in Higher Education Institutions. Education Sciences, 2021, 11, 770.	2.6	56
23	Security controls in infrastructure as code. Computer Fraud and Security, 2020, 2020, 13-19.	1.6	2
24	Evaluating the Impact of Blockchain Models for Secure and Trustworthy Electronic Healthcare Records. IEEE Access, 2020, 8, 157959-157973.	4.2	85
25	Healthcare Data Breaches: Insights and Implications. Healthcare (Switzerland), 2020, 8, 133.	2.0	178
26	The Use of Ensemble Models for Multiple Class and Binary Class Classification for Improving Intrusion Detection Systems. Sensors, 2020, 20, 2559.	3.8	94
27	On the Relationship between Software Complexity and Security. International Journal of Software Engineering & Applications, 2020, 11, 51-60.	1.1	14
28	Essential Activities for Secure Software Development. International Journal of Software Engineering & Applications, 2020, 11, 1-14.	1.1	0
29	A New Approach to Locate Software Vulnerabilities Using Code Metrics. International Journal of Software Innovation, 2020, 8, 82-95.	0.4	2
30	Optimal Cooperative Offloading Scheme for Energy Efficient Multi-Access Edge Computation. IEEE Access, 2020, 8, 53931-53941.	4.2	62
31	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
32	Welcome from the CDMA 2020 Chairs. , 2020, , .		0
33	Evaluating Performance of Software Durability through an Integrated Fuzzy-Based Symmetrical Method of ANP and TOPSIS. Symmetry, 2020, 12, 493.	2.2	42
34	A Unified Fuzzy-Based Symmetrical Multi-Criteria Decision-Making Method for Evaluating Sustainable-Security of Web Applications. Symmetry, 2020, 12, 448.	2.2	9
35	The Influence of Deep Learning Algorithms Factors in Software Fault Prediction. IEEE Access, 2020, 8, 63945-63960.	4.2	38
36	Deep Learning for Software Vulnerabilities Detection Using Code Metrics. IEEE Access, 2020, 8, 74562-74570.	4.2	27

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37	An automated approach to fix buffer overflows. International Journal of Electrical and Computer Engineering, 2020, 10, 3777.	0.7	1
38	Evaluating the Impact of Malware Analysis Techniques for Securing Web Applications through a Decision-Making Framework under Fuzzy Environment. International Journal of Intelligent Engineering and Systems, 2020, 13, 94-109.	0.6	19
39	Anonymous Authentication for Privacy Preserving of Multimedia Data in the Cloud. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 48-72.	0.5	1
40	The COVID-19 pandemic: when e-learning becomes mandatory not complementary. International Journal of Technology Enhanced Learning, 2020, 1, 1.	0.7	0
41	EFFICIENT DEEP FEATURES LEARNING FOR VULNERABILITY DETECTION USING CHARACTER N-GRAM EMBEDDING. Jordanian Journal of Computers and Information Technology, 2020, , 1.	0.4	1
42	Open Source Systems Bug Reports. , 2020, , .		5
43	Test suites effectiveness evolution in open source systems: empirical study. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 19, 992.	0.8	3
44	Harnessing deep learning algorithms to predict software refactoring. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 2977.	0.8	9
45	Ontology-based context-sensitive software security knowledge management modeling. International Journal of Electrical and Computer Engineering, 2020, 10, 6507.	0.7	5
46	DEVOPS PROCESS MODEL ADOPTION IN SAUDI ARABIA: AN EMPIRICAL STUDY. Jordanian Journal of Computers and Information Technology, 2020, , 1.	0.4	2
47	Toward Effective Cybersecurity Education in Saudi Arabia. Advances in Intelligent Systems and Computing, 2020, , 79-85.	0.6	2
48	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
49	Software Security Specifications and Design. , 2020, , .		4
50	A Comparison Study of Available Software Security Ontologies. , 2020, , .		4
51	LDA Categorization of Security Bug Reports in Chromium Projects. , 2020, , .		7
52	Complexity and Nesting Evolution in Open Source Software Systems: Experimental Study. Recent Advances in Computer Science and Communications, 2020, 13, 572-578.	0.7	3
53	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
54	A source code perspective framework to produce secure web applications. Computer Fraud and Security, 2019, 2019, 11-18.	1.6	8

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55	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
56	An Efficient, Secure, and Queryable Encryption for NoSQL-Based Databases Hosted on Untrusted Cloud Environments. International Journal of Information Security and Privacy, 2019, 13, 14-31.	0.8	3
57	Android Application Security Scanning Process. , 2019, , .		6
58	Securing Web Applications through a Framework of Source Code Analysis. Journal of Computer Science, 2019, 15, 1780-1794.	0.6	3
59	Cloud based SDN and NFV architectures for IoT infrastructure. Egyptian Informatics Journal, 2019, 20, 1-10.	6.8	33
60	Measuring Security Durability of Software through Fuzzy-Based Decision-Making Process. International Journal of Computational Intelligence Systems, 2019, 12, 627.	2.7	42
61	Security Risks in the Software Development Lifecycle. International Journal of Recent Technology and Engineering, 2019, 8, 7048-7055.	0.2	10
62	A Research on DevOps Maturity Models. International Journal of Recent Technology and Engineering, 2019, 8, 4854-4862.	0.2	16
63	Security durability assessment through fuzzy analytic hierarchy process. PeerJ Computer Science, 2019, 5, e215.	4.5	24
64	Context-Sensitive Case-Based Software Security Management System. Advances in Intelligent Systems and Computing, 2019, , 135-141.	0.6	1
65	Empirical Analysis of Object-Oriented Software Test Suite Evolution. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	12
66	Security assessment of four open source software systems. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 16, 860.	0.8	3
67	The Impact of Co-evolution of Code Production and Test Suites through Software Releases in Open Source Software Systems. International Journal of Innovative Technology and Exploring Engineering, 2019, 9, 2737-2739.	0.3	7
68	Security assessment framework for educational ERP systems. International Journal of Electrical and Computer Engineering, 2019, 9, 5570.	0.7	1
69	Empirical Analysis of Static Code Metrics for Predicting Risk Scores in Android Applications. Advances in Intelligent Systems and Computing, 2018, , 84-94.	0.6	7
70	Security Testing Framework for Web Applications. International Journal of Software Innovation, 2018, 6, 93-117.	0.4	4
71	Using Categorical Features in Mining Bug Tracking Systems to Assign Bug Reports. International Journal of Software Engineering & Applications, 2018, 9, 29-39.	1.1	9
72	On Virtualization and Security-Awareness Performance Analysis in 5G Cellular Networks. Journal of Engineering Science and Technology Review, 2018, 11, 199-207.	0.4	4

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73	Measuring Software Architecture Stability Evolution in Object-oriented Open Source Systems. Journal of Information Technology Review, 2018, 9, 35.	0.0	1
74	Cost Analysis of SDN/NFV Architecture over 4G Infrastructure. Procedia Computer Science, 2017, 113, 130-137.	2.0	8
75	Abusing Android permissions: A security perspective. , 2017, , .		11
76	A Security Perspective on Adoption and Migration to Mobile Cloud Technology. International Journal on Informatics Visualization, 2017, 1, 143-149.	0.6	4
77	Test suite effectiveness: an indicator for open source software quality. , 2016, , .		6
78	Defectiveness Evolution in Open Source Software Systems. Procedia Computer Science, 2016, 82, 107-114.	2.0	2
79	Open source web application security: A static analysis approach. , 2016, , .		11
80	Segmentation and kinetic modeling of human arteries in PET/CT imaging. , 2016, , .		0
81	Business Continuity Management & Disaster Recovery Capabilities in Saudi Arabia ICT Businesses. International Journal of Hybrid Information Technology, 2016, 9, 99-126.	0.6	6
82	Software Architecture Quality Measurement Stability and Understandability. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.7	9
83	A Test Suite Reduction Approach for Software Unit Testing. Advanced Science Letters, 2016, 22, 2977-2981.	0.2	2
84	Towards Cross Project Vulnerability Prediction in Open Source Web Applications. , 2015, , .		14
85	Modularity Measurement and Evolution in Object-Oriented Open-Source Projects. , 2015, , .		8
86	Architectural Stability Evolution in Open-Source Systems. , 2015, , .		7
87	Evolution Impact on Architecture Stability in Open-Source Projects. International Journal of Cloud Applications and Computing, 2015, 5, 24-35.	2.0	7
88	Verification of the pure alanine in PMMA tube dosimeter applicability for dosimetry of radiotherapy photon beams: a feasibility study. Australasian Physical and Engineering Sciences in Medicine, 2015, 38, 425-434.	1.3	1
89	Empirical Analysis of the Complexity Evolution in Open-Source Software Systems. International Journal of Hybrid Information Technology, 2015, 8, 257-266.	0.6	13
90	Evaluating Software Metrics as Predictors of Software Vulnerabilities. International Journal of Security and Its Applications, 2015, 9, 231-240.	0.8	11

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91	Software Evolution via Topic Modeling: An Analytic Stud. International Journal of Software Engineering and Its Applications, 2015, 9, 43-52.	0.2	2
92	EMPIRICAL EVALUATION OF A NEW COUPLING METRIC: COMBINING STRUCTURAL AND SEMANTIC COUPLING. International Journal of Computers and Applications, 2014, 36, .	1.3	13
93	A New Coupling Metric: Blending Structural and Semantic Relations. , 2014, , .		0
94	Bug Reports Prioritization: Which Features and Classifier to Use?. , 2013, , .		39
95	DECOBA: Utilizing Developers Communities in Bug Assignment. , 2013, , .		6
96	Towards Test Focus Selection for Integration Testing Using Method Level Software Metrics. , 2013, , .		2
97	TRAM: An approach for assigning bug reports using their Metadata. , 2013, , .		25
98	Efficient Bug Triaging Using Text Mining. Journal of Software, 2013, 8, .	0.6	65
99	Discrete optimization methods to determine trajectories for Dubins' vehicles. Electronic Notes in Discrete Mathematics, 2010, 36, 17-24.	0.4	20
100	Application Centric Virtual Machine Placements to Minimize Bandwidth Utilization in Datacenters. Intelligent Automation and Soft Computing, 0, , 1-14.	2.1	1