Mamdouh Alenezi

List of Publications by Year
in descending order

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	Healthcare Data Breaches: Insights and Implications. Healthcare (Switzerland), 2020, 8, 133.	2.0	178
2	The Use of Ensemble Models for Multiple Class and Binary Class Classification for Improving Intrusion Detection Systems. Sensors, 2020, 20, 2559.	3.8	94
3	Evaluating the Impact of Blockchain Models for Secure and Trustworthy Electronic Healthcare Records. IEEE Access, 2020, 8, 157959-157973.	4.2	85
4	Efficient Bug Triaging Using Text Mining. Journal of Software, 2013, 8, .	0.6	65
5	Optimal Cooperative Offloading Scheme for Energy Efficient Multi-Access Edge Computation. IEEE Access, 2020, 8, 53931-53941.	4.2	62
6	Deep Dive into Digital Transformation in Higher Education Institutions. Education Sciences, 2021, 11, 770.	2.6	56
7	Evaluating Performance of Software Durability through an Integrated Fuzzy-Based Symmetrical Method of ANP and TOPSIS. Symmetry, 2020, 12, 493.	2.2	42
8	Measuring Security Durability of Software through Fuzzy-Based Decision-Making Process. International Journal of Computational Intelligence Systems, 2019, 12, 627.	2.7	42
9	Ensuring data integrity of healthcare information in the era of digital health. Healthcare Technology Letters, 2021, 8, 66-77.	3.3	41
10	Bug Reports Prioritization: Which Features and Classifier to Use?. , 2013, , .		39
11	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
12	The Influence of Deep Learning Algorithms Factors in Software Fault Prediction. IEEE Access, 2020, 8, 63945-63960.	4.2	38
13	STORE: Security Threat Oriented Requirements Engineering Methodology. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 191-203.	3.9	34
14	Cloud based SDN and NFV architectures for IoT infrastructure. Egyptian Informatics Journal, 2019, 20, 1-10.	6.8	33
15	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
16	Deep Learning for Software Vulnerabilities Detection Using Code Metrics. IEEE Access, 2020, 8, 74562-74570.	4.2	27
17	TRAM: An approach for assigning bug reports using their Metadata. , 2013, , .		25
18	Security durability assessment through fuzzy analytic hierarchy process. PeerJ Computer Science, 2019, 5, e215.	4.5	24

#	Article	IF	Citations
19	Monitoring People's Emotions and Symptoms from Arabic Tweets during the COVID-19 Pandemic. Information (Switzerland), 2021, 12, 86.	2.9	21
20	Discrete optimization methods to determine trajectories for Dubins' vehicles. Electronic Notes in Discrete Mathematics, 2010, 36, 17-24.	0.4	20
21	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
22	A Research on DevOps Maturity Models. International Journal of Recent Technology and Engineering, 2019, 8, 4854-4862.	0.2	16
23	Towards Cross Project Vulnerability Prediction in Open Source Web Applications. , 2015, , .		14
24	On the Relationship between Software Complexity and Security. International Journal of Software Engineering & Applications, 2020, 11, 51-60.	1.1	14
25	EMPIRICAL EVALUATION OF A NEW COUPLING METRIC: COMBINING STRUCTURAL AND SEMANTIC COUPLING. International Journal of Computers and Applications, 2014, 36, .	1.3	13
26	Empirical Analysis of the Complexity Evolution in Open-Source Software Systems. International Journal of Hybrid Information Technology, 2015, 8, 257-266.	0.6	13
27	Empirical Analysis of Object-Oriented Software Test Suite Evolution. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	12
28	Open source web application security: A static analysis approach. , 2016, , .		11
29	Abusing Android permissions: A security perspective. , 2017, , .		11
30	Multi-level Fuzzy system for usable-security assessment. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 657-665.	3.9	11
31	Evaluating Software Metrics as Predictors of Software Vulnerabilities. International Journal of Security and Its Applications, 2015, 9, 231-240.	0.8	11
32	Security Risks in the Software Development Lifecycle. International Journal of Recent Technology and Engineering, 2019, 8, 7048-7055.	0.2	10
33	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
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	SQL injection attacks countermeasures assessments. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 21, 1121.	0.8	9
36	Software Architecture Quality Measurement Stability and Understandability. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.7	9

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37	Harnessing deep learning algorithms to predict software refactoring. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 2977.	0.8	9
38	Modularity Measurement and Evolution in Object-Oriented Open-Source Projects. , 2015, , .		8
39	Cost Analysis of SDN/NFV Architecture over 4G Infrastructure. Procedia Computer Science, 2017, 113, 130-137.	2.0	8
40	A source code perspective framework to produce secure web applications. Computer Fraud and Security, 2019, 2019, 11-18.	1.6	8
41	Architectural Stability Evolution in Open-Source Systems. , 2015, , .		7
42	Evolution Impact on Architecture Stability in Open-Source Projects. International Journal of Cloud Applications and Computing, 2015, 5, 24-35.	2.0	7
43	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
44	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
45	LDA Categorization of Security Bug Reports in Chromium Projects. , 2020, , .		7
46	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
47	DECOBA: Utilizing Developers Communities in Bug Assignment. , 2013, , .		6
48	Test suite effectiveness: an indicator for open source software quality. , 2016, , .		6
49	Android Application Security Scanning Process. , 2019, , .		6
50	Business Continuity Management & Disaster Recovery Capabilities in Saudi Arabia ICT Businesses. International Journal of Hybrid Information Technology, 2016, 9, 99-126.	0.6	6
51	Open Source Systems Bug Reports. , 2020, , .		5
52	Ontology-based context-sensitive software security knowledge management modeling. International Journal of Electrical and Computer Engineering, 2020, 10, 6507.	0.7	5
53	Security Testing Framework for Web Applications. International Journal of Software Innovation, 2018, 6, 93-117.	0.4	4
54	Evaluating the Impact of Software Security Tactics: A Design Perspective. Computers, Materials and Continua, 2021, 66, 2283-2299.	1.9	4

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55	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
56	A Security Perspective on Adoption and Migration to Mobile Cloud Technology. International Journal on Informatics Visualization, 2017, 1, 143-149.	0.6	4
57	The COVID-19 pandemic: when e-learning becomes mandatory not complementary. International Journal of Technology Enhanced Learning, 2021, 13, 429.	0.7	4
58	Software Security Specifications and Design. , 2020, , .		4
59	A Comparison Study of Available Sofware Security Ontologies. , 2020, , .		4
60	Synthesizing secure software development activities for linear and agile lifecycle models. Software - Practice and Experience, 2022, 52, 1426-1453.	3.6	4
61	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
62	Securing Web Applications through a Framework of Source Code Analysis. Journal of Computer Science, 2019, 15, 1780-1794.	0.6	3
63	Internal Quality Evolution of Open-Source Software Systems. Applied Sciences (Switzerland), 2021, 11, 5690.	2.5	3
64	Security assessment of four open source software systems. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 16, 860.	0.8	3
65	Test suites effectiveness evolution in open source systems: empirical study. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 19, 992.	0.8	3
66	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
67	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
68	Towards Test Focus Selection for Integration Testing Using Method Level Software Metrics. , 2013, , .		2
69	Defectiveness Evolution in Open Source Software Systems. Procedia Computer Science, 2016, 82, 107-114.	2.0	2
70	Security controls in infrastructure as code. Computer Fraud and Security, 2020, 2020, 13-19.	1.6	2
71	A New Approach to Locate Software Vulnerabilities Using Code Metrics. International Journal of Software Innovation, 2020, 8, 82-95.	0.4	2
72	Software Evolution via Topic Modeling: An Analytic Stud. International Journal of Software Engineering and Its Applications, 2015, 9, 43-52.	0.2	2

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73	A Test Suite Reduction Approach for Software Unit Testing. Advanced Science Letters, 2016, 22, 2977-2981.	0.2	2
74	DEVOPS PROCESS MODEL ADOPTION IN SAUDI ARABIA: AN EMPIRICAL STUDY. Jordanian Journal of Computers and Information Technology, 2020, , 1.	0.4	2
75	Toward Effective Cybersecurity Education in Saudi Arabia. Advances in Intelligent Systems and Computing, 2020, , 79-85.	0.6	2
76	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
77	SecurityGuard: An Automated Secure Coding Framework. Communications in Computer and Information Science, 2021, , 303-310.	0.5	1
78	Comparative Analysis for Predicting Non-Functional Requirements using Supervised Machine Learning. , 2021, , .		1
79	A sustainable procedural method of software design process improvements. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 21, 440.	0.8	1
80	An automated approach to fix buffer overflows. International Journal of Electrical and Computer Engineering, 2020, 10, 3777.	0.7	1
81	Application Centric Virtual Machine Placements to Minimize Bandwidth Utilization in Datacenters. Intelligent Automation and Soft Computing, 0, , 1-14.	2.1	1
82	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
83	Measuring Software Architecture Stability Evolution in Object-oriented Open Source Systems. Journal of Information Technology Review, 2018, 9, 35.	0.0	1
84	Context-Sensitive Case-Based Software Security Management System. Advances in Intelligent Systems and Computing, 2019, , 135-141.	0.6	1
85	Security assessment framework for educational ERP systems. International Journal of Electrical and Computer Engineering, 2019, 9, 5570.	0.7	1
86	EFFICIENT DEEP FEATURES LEARNING FOR VULNERABILITY DETECTION USING CHARACTER N-GRAM EMBEDDING. Jordanian Journal of Computers and Information Technology, 2020, , 1.	0.4	1
87	Segmentation and kinetic modeling of human arteries in PET/CT imaging. , 2016, , .		0
88	Essential Activities for Secure Software Development. International Journal of Software Engineering & Applications, 2020, 11, 1-14.	1.1	0
89	Welcome from the CDMA 2020 Chairs. , 2020, , .		0
90	An Ontological Framework for Healthcare Web Applications Security. International Journal of Advanced Computer Science and Applications, 2021, 12, .	0.7	0

#	ARTICLE	IF	CITATIONS
91	An Efficient, Secure, and Queryable Encryption for NoSQL-Based Databases Hosted on Untrusted Cloud Environments. , 2021, , 725-743.		0
92	Exploring Software Security Test Generation Techniques: Challenges and Opportunities. International Journal of Education and Information Technologies, 2021, 15, 107-121.	0.2	0
93	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
94	Anonymous Authentication for Privacy Preserving of Multimedia Data in the Cloud. , 2021, , 428-452.		0
95	A New Coupling Metric: Blending Structural and Semantic Relations. , 2014, , .		0
96	The COVID-19 pandemic: when e-learning becomes mandatory not complementary. International Journal of Technology Enhanced Learning, 2020, 1, 1.	0.7	0
97	A reference measurement framework of software security product quality (SPQ NFSR). IET Information Security, 2021, 15, 23-37.	1.7	0
98	Hybrid Representation to Locate Vulnerable Lines of Code. International Journal of Software Innovation, 2022, 10, 1-19.	0.4	0
99	Security Testing Framework for Web Applications. , 2022, , 453-479.		0
100	Methodical Software Testing Course in Higher Education. International Journal of Engineering Pedagogy, 2022, 12, 51-62.	1.1	0