

Moez Krichen

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,416
citations

471061

17
h-index

414034

32
g-index

75
all docs

75
docs citations

75
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockchain-assisted secured data management framework for health information analysis based on Internet of Medical Things. <i>Personal and Ubiquitous Computing</i> , 2024, 28, 59-72.	1.9	36
2	Improving Formal Verification and Testing Techniques for Internet of Things and Smart Cities. <i>Mobile Networks and Applications</i> , 2023, 28, 732-743.	2.2	26
3	A decision system for computational authors profiling: From machine learning to deep learning. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, e5985.	1.4	0
4	Blockchain Technology for Intelligent Transportation Systems: A Systematic Literature Review. <i>IEEE Access</i> , 2022, 10, 20995-21031.	2.6	70
5	Machine-Learning-Based Darknet Traffic Detection System for IoT Applications. <i>Electronics (Switzerland)</i> , 2022, 11, 556.	1.8	61
6	Tuberculosis Disease Diagnosis Based on an Optimized Machine Learning Model. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-13.	1.1	29
7	Optimal Deep Learning Model for Olive Disease Diagnosis Based on an Adaptive Genetic Algorithm. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-13.	0.8	16
8	An Adaptive Topology Management Scheme to Maintain Network Connectivity in Wireless Sensor Networks. <i>Sensors</i> , 2022, 22, 2855.	2.1	8
9	Crops yield prediction based on machine learning models: Case of West African countries. <i>Smart Agricultural Technology</i> , 2022, 2, 100049.	3.1	35
10	A Comprehensive Review of Testing Blockchain Oriented Software. , 2022, , .		9
11	Blockchain for Modern Applications: A Survey. <i>Sensors</i> , 2022, 22, 5274.	2.1	58
12	Multirate Processing with Selective Subbands and Machine Learning for Efficient Arrhythmia Classification. <i>Sensors</i> , 2021, 21, 1511.	2.1	18
13	An opportunistic data dissemination for autonomous vehicles communication. <i>Soft Computing</i> , 2021, 25, 11899-11912.	2.1	9
14	Anomalies Detection Through Smartphone Sensors: A Review. <i>IEEE Sensors Journal</i> , 2021, 21, 7207-7217.	2.4	39
15	An IoT Framework for Screening of COVID-19 Using Real-Time Data from Wearable Sensors. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4022.	1.2	57
16	Hand Gesture Recognition Based on Shape Context Analysis. , 2021, , .		3
17	A survey on runtime testing of dynamically adaptable and distributed systems. <i>Software Quality Journal</i> , 2021, 29, 555-593.	1.4	9
18	Blockchain for the Internet of Vehicles: How to Use Blockchain to Secure Vehicle-to-Everything (V2X) Communication and Payment?. <i>IEEE Sensors Journal</i> , 2021, 21, 15807-15823.	2.4	50

#	ARTICLE	IF	CITATIONS
19	An OWASP Top Ten Driven Survey on Web Application Protection Methods. Lecture Notes in Computer Science, 2021, , 235-252.	1.0	12
20	Constriction Factor Particle Swarm Optimization based load balancing and cell association for 5G heterogeneous networks. Computer Communications, 2021, 180, 328-337.	3.1	19
21	An Agent-Based Architecture Using Deep Reinforcement Learning for the Intelligent Internet of Things Applications. Advances in Intelligent Systems and Computing, 2021, , 273-283.	0.5	3
22	A survey of current challenges in partitioning and processing of graph-structured data in parallel and distributed systems. Distributed and Parallel Databases, 2020, 38, 495-530.	1.0	13
23	Blockchain for the Internet of Vehicles: A Decentralized IoT Solution for Vehicles Communication Using Ethereum. Sensors, 2020, 20, 3928.	2.1	61
24	A Model-Based and Resource-Aware Testing Framework for Parking System Payment using Blockchain. , 2020, , .		8
25	Driver Drowsiness Detection Model Using Convolutional Neural Networks Techniques for Android Application. , 2020, , .		86
26	Security Testing of Internet of Things for Smart City Applications: A Formal Approach. EAI/Springer Innovations in Communication and Computing, 2020, , 629-653.	0.9	13
27	DHPV: a distributed algorithm for large-scale graph partitioning. Journal of Big Data, 2020, 7, 76.	6.9	10
28	A Formal Model-Based Testing Framework for Validating an IoT Solution for Blockchain-based Vehicles Communication. , 2020, , .		8
29	Adopting Formal Verification and Model-Based Testing Techniques for Validating a Blockchain-based Healthcare Records Sharing System. , 2020, , .		9
30	Ensuring the Correctness and Well Modeling of Intelligent Healthcare Management Systems. Lecture Notes in Computer Science, 2020, , 364-372.	1.0	3
31	Improving and Optimizing Verification and Testing Techniques for Distributed Information Systems. Lecture Notes in Business Information Processing, 2020, , 457-472.	0.8	1
32	A Resource-Aware Model-Based Framework for Load Testing of WS-BPEL Compositions. Lecture Notes in Business Information Processing, 2019, , 130-157.	0.8	2
33	Urban Traffic Monitoring and Modeling System: An IoT Solution for Enhancing Road Safety. , 2019, , .		20
34	TEPaaS: test execution platform as-a-service applied in the context of e-health. International Journal of Autonomous and Adaptive Communications Systems, 2019, 12, 264.	0.2	3
35	Towards a Runtime Standard-based Testing Framework for Dynamic Distributed Information Systems. , 2019, , .		4
36	A New Model-based Framework for Testing Security of IoT Systems in Smart Cities using Attack Trees and Price Timed Automata. , 2019, , .		25

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37	Testing Real-Time Systems Using Determinization Techniques for Automata over Timed Domains. Lecture Notes in Computer Science, 2019, , 124-133.	1.0	0
38	Towards a Test Execution Platform As-A-Service: Application in the E-Health Domain. , 2018, , .		4
39	A model-based approach to combine conformance and load tests: an eHealth case study. International Journal of Critical Computer-Based Systems, 2018, 8, 282.	0.1	15
40	Towards a Model-Based Testing Framework for the Security of Internet of Things for Smart City Applications. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 360-365.	0.2	15
41	Distributed and Resource-Aware Load Testing of WS-BPEL Compositions. , 2018, , .		7
42	WSClim: A Tool for Model-Based Testing of WS-BPEL Compositions Under Load Conditions. Lecture Notes in Computer Science, 2017, , 139-151.	1.0	1
43	Safe and efficient runtime testing framework applied in dynamic and distributed systems. Science of Computer Programming, 2016, 122, 1-28.	1.5	23
44	Runtime testing approach of structural adaptations for dynamic and distributed systems. International Journal of Computer Applications in Technology, 2015, 51, 259.	0.3	12
45	A comparative evaluation of state-of-the-art load and stress testing approaches. International Journal of Computer Applications in Technology, 2015, 51, 283.	0.3	3
46	A game approach to determinize timed automata. Formal Methods in System Design, 2015, 46, 42-80.	0.9	8
47	Selective Test Generation Approach for Testing Dynamic Behavioral Adaptations. Lecture Notes in Computer Science, 2015, , 224-239.	1.0	7
48	Test Isolation Policy for Safe Runtime Validation of Evolvable Software Systems. , 2013, , .		8
49	Automated Significant Load Testing for WS-BPEL Compositions. , 2013, , .		10
50	WSCCT. , 2013, , .		2
51	WSCLT: A Tool for WS-BPEL Compositions Load Testing. , 2013, , .		3
52	Using Knapsack Problem Model to Design a Resource Aware Test Architecture for Adaptable and Distributed Systems. Lecture Notes in Computer Science, 2012, , 103-118.	1.0	16
53	A formal framework for black-box conformance testing of distributed real-time systems. International Journal of Critical Computer-Based Systems, 2012, 3, 26.	0.1	16
54	Towards a TTCN-3 Test System for Runtime Testing of Adaptable and Distributed Systems. Lecture Notes in Computer Science, 2012, , 71-86.	1.0	19

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55	Model-Based Conformance Testing of WS-BPEL Compositions. , 2012, , .		12
56	Conformance Testing of WS-BPEL Compositions under Various Load Conditions. , 2012, , .		6
57	A Game Approach to Determinize Timed Automata. Lecture Notes in Computer Science, 2011, , 245-259.	1.0	15
58	Off-Line Test Selection with Test Purposes for Non-deterministic Timed Automata. Lecture Notes in Computer Science, 2011, , 96-111.	1.0	15
59	A generic process to build reliable distributed software components from early to late stages of software development. , 2010, , .		0
60	A Formal Framework for Conformance Testing of Distributed Real-Time Systems. Lecture Notes in Computer Science, 2010, , 139-142.	1.0	11
61	Conformance testing for real-time systems. Formal Methods in System Design, 2009, 34, 238-304.	0.9	136
62	State identification problems for input/output transition systems. , 2008, , .		3
63	Automatic Generation of Observers for the Dala Robot with TTG. AIP Conference Proceedings, 2008, , .	0.3	0
64	Interesting Properties of the Real-Time Conformance Relation tioco. Lecture Notes in Computer Science, 2006, , 317-331.	1.0	12
65	Testing Conformance of Real-Time Applications by Automatic Generation of Observers. Electronic Notes in Theoretical Computer Science, 2005, 113, 23-43.	0.9	19
66	State Identification Problems for Timed Automata. Lecture Notes in Computer Science, 2005, , 175-191.	1.0	12
67	An Expressive and Implementable Formal Framework for Testing Real-Time Systems. Lecture Notes in Computer Science, 2005, , 209-225.	1.0	22
68	Black-Box Conformance Testing for Real-Time Systems. Lecture Notes in Computer Science, 2004, , 109-126.	1.0	124
69	Real-Time Testing with Timed Automata Testers and Coverage Criteria. Lecture Notes in Computer Science, 2004, , 134-151.	1.0	14
70	Off-line test selection with test purposes for non-deterministic timed automata. Logical Methods in Computer Science, 0, Volume 8, Issue 4, .	0.4	8