

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	Conformance testing for real-time systems. Formal Methods in System Design, 2009, 34, 238-304.	0.9	136
2	Black-Box Conformance Testing for Real-Time Systems. Lecture Notes in Computer Science, 2004, , 109-126.	1.0	124
3	Driver Drowsiness Detection Model Using Convolutional Neural Networks Techniques for Android Application. , 2020, , .		86
4	Blockchain Technology for Intelligent Transportation Systems: A Systematic Literature Review. IEEE Access, 2022, 10, 20995-21031.	2.6	70
5	Blockchain for the Internet of Vehicles: A Decentralized IoT Solution for Vehicles Communication Using Ethereum. Sensors, 2020, 20, 3928.	2.1	61
6	Machine-Learning-Based Darknet Traffic Detection System for IoT Applications. Electronics (Switzerland), 2022, 11, 556.	1.8	61
7	Blockchain for Modern Applications: A Survey. Sensors, 2022, 22, 5274.	2.1	58
8	An IoT Framework for Screening of COVID-19 Using Real-Time Data from Wearable Sensors. International Journal of Environmental Research and Public Health, 2021, 18, 4022.	1.2	57
9	Blockchain for the Internet of Vehicles: How to Use Blockchain to Secure Vehicle-to-Everything (V2X) Communication and Payment?. IEEE Sensors Journal, 2021, 21, 15807-15823.	2.4	50
10	Anomalies Detection Through Smartphone Sensors: A Review. IEEE Sensors Journal, 2021, 21, 7207-7217.	2.4	39
11	Blockchain-assisted secured data management framework for health information analysis based on Internet of Medical Things. Personal and Ubiquitous Computing, 2024, 28, 59-72.	1.9	36
12	Crops yield prediction based on machine learning models: Case of West African countries. Smart Agricultural Technology, 2022, 2, 100049.	3.1	35
13	Tuberculosis Disease Diagnosis Based on an Optimized Machine Learning Model. Journal of Healthcare Engineering, 2022, 2022, 1-13.	1.1	29
14	Improving Formal Verification and Testing Techniques for Internet of Things and Smart Cities. Mobile Networks and Applications, 2023, 28, 732-743.	2.2	26
15	A New Model-based Framework for Testing Security of IoT Systems in Smart Cities using Attack Trees and Price Timed Automata. , 2019, , .		25
16	Safe and efficient runtime testing framework applied in dynamic and distributed systems. Science of Computer Programming, 2016, 122, 1-28.	1.5	23
17	An Expressive and Implementable Formal Framework for Testing Real-Time Systems. Lecture Notes in Computer Science, 2005, , 209-225.	1.0	22
18	Urban Traffic Monitoring and Modeling System: An IoT Solution for Enhancing Road Safety. , 2019, , .		20

#	ARTICLE	IF	CITATIONS
19	Testing Conformance of Real-Time Applications by Automatic Generation of Observers. Electronic Notes in Theoretical Computer Science, 2005, 113, 23-43.	0.9	19
20	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
21	Constriction Factor Particle Swarm Optimization based load balancing and cell association for 5G heterogeneous networks. Computer Communications, 2021, 180, 328-337.	3.1	19
22	Multirate Processing with Selective Subbands and Machine Learning for Efficient Arrhythmia Classification. Sensors, 2021, 21, 1511.	2.1	18
23	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
24	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
25	Optimal Deep Learning Model for Olive Disease Diagnosis Based on an Adaptive Genetic Algorithm. Wireless Communications and Mobile Computing, 2022, 2022, 1-13.	0.8	16
26	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
27	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
28	A Game Approach to Determinize Timed Automata. Lecture Notes in Computer Science, 2011, , 245-259.	1.0	15
29	Off-Line Test Selection with Test Purposes for Non-deterministic Timed Automata. Lecture Notes in Computer Science, 2011, , 96-111.	1.0	15
30	Real-Time Testing with Timed Automata Testers and Coverage Criteria. Lecture Notes in Computer Science, 2004, , 134-151.	1.0	14
31	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
32	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
33	State Identification Problems for Timed Automata. Lecture Notes in Computer Science, 2005, , 175-191.	1.0	12
34	Model-Based Conformance Testing of WS-BPEL Compositions. , 2012, , .		12
35	Runtime testing approach of structural adaptations for dynamic and distributed systems. International Journal of Computer Applications in Technology, 2015, 51, 259.	0.3	12
36	An OWASP Top Ten Driven Survey on Web Application Protection Methods. Lecture Notes in Computer Science, 2021, , 235-252.	1.0	12

#	ARTICLE	IF	CITATIONS
37	Interesting Properties of the Real-Time Conformance Relation tioco. Lecture Notes in Computer Science, 2006, , 317-331.	1.0	12
38	A Formal Framework for Conformance Testing of Distributed Real-Time Systems. Lecture Notes in Computer Science, 2010, , 139-142.	1.0	11
39	Automated Significant Load Testing for WS-BPEL Compositions. , 2013, , .		10
40	DHPV: a distributed algorithm for large-scale graph partitioning. Journal of Big Data, 2020, 7, 76.	6.9	10
41	An opportunistic data dissemination for autonomous vehicles communication. Soft Computing, 2021, 25, 11899-11912.	2.1	9
42	A survey on runtime testing of dynamically adaptable and distributed systems. Software Quality Journal, 2021, 29, 555-593.	1.4	9
43	Adopting Formal Verification and Model-Based Testing Techniques for Validating a Blockchain-based Healthcare Records Sharing System. , 2020, , .		9
44	A Comprehensive Review of Testing Blockchain Oriented Software. , 2022, , .		9
45	Test Isolation Policy for Safe Runtime Validation of Evolvable Software Systems. , 2013, , .		8
46	A game approach to determinize timed automata. Formal Methods in System Design, 2015, 46, 42-80.	0.9	8
47	A Model-Based and Resource-Aware Testing Framework for Parking System Payment using Blockchain. , 2020, , .		8
48	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
49	A Formal Model-Based Testing Framework for Validating an IoT Solution for Blockchain-based Vehicles Communication. , 2020, , .		8
50	An Adaptive Topology Management Scheme to Maintain Network Connectivity in Wireless Sensor Networks. Sensors, 2022, 22, 2855.	2.1	8
51	Selective Test Generation Approach for Testing Dynamic Behavioral Adaptations. Lecture Notes in Computer Science, 2015, , 224-239.	1.0	7
52	Distributed and Resource-Aware Load Testing of WS-BPEL Compositions. , 2018, , .		7
53	Conformance Testing of WS-BPEL Compositions under Various Load Conditions. , 2012, , .		6
54	Towards a Test Execution Platform As-A-Service: Application in the E-Health Domain. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
55	Towards a Runtime Standard-based Testing Framework for Dynamic Distributed Information Systems. , 2019, , .		4
56	State identification problems for input/output transition systems. , 2008, , .		3
57	WSCLT: A Tool for WS-BPEL Compositions Load Testing. , 2013, , .		3
58	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
59	Hand Gesture Recognition Based on Shape Context Analysis. , 2021, , .		3
60	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
61	Ensuring the Correctness and Well Modeling of Intelligent Healthcare Management Systems. Lecture Notes in Computer Science, 2020, , 364-372.	1.0	3
62	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
63	WSCCT. , 2013, , .		2
64	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
65	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
66	Improving and Optimizing Verification and Testing Techniques for Distributed Information Systems. Lecture Notes in Business Information Processing, 2020, , 457-472.	0.8	1
67	Automatic Generation of Observers for the Dala Robot with TTC. AIP Conference Proceedings, 2008, , .	0.3	0
68	A generic process to build reliable distributed software components from early to late stages of software development. , 2010, , .		0
69	A decision system for computational authors profiling: From machine learning to deep learning. Concurrency Computation Practice and Experience, 2022, 34, e5985.	1.4	0
70	Testing Real-Time Systems Using Determinization Techniques for Automata over Timed Domains. Lecture Notes in Computer Science, 2019, , 124-133.	1.0	0