

# M A Alsalem

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1094111/publications.pdf>

Version: 2024-02-01

40  
papers

2,322  
citations

147726

31  
h-index

302012

39  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1050  
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart Home-based IoT for Real-time and Secure Remote Health Monitoring of Triage and Priority System using Body Sensors: Multi-driven Systematic Review. <i>Journal of Medical Systems</i> , 2019, 43, 42.	2.2	154
2	Fault-Tolerant mHealth Framework in the Context of IoT-Based Real-Time Wearable Health Data Sensors. <i>IEEE Access</i> , 2019, 7, 50052-50080.	2.6	103
3	Real-Time Remote-Health Monitoring Systems: a Review on Patients Prioritisation for Multiple-Chronic Diseases, Taxonomy Analysis, Concerns and Solution Procedure. <i>Journal of Medical Systems</i> , 2019, 43, 223.	2.2	101
4	Real-Time Remote Health-Monitoring Systems in a Medical Centre: A Review of the Provision of Healthcare Services-Based Body Sensor Information, Open Challenges and Methodological Aspects. <i>Journal of Medical Systems</i> , 2018, 42, 164.	2.2	92
5	Systematic Review of an Automated Multiclass Detection and Classification System for Acute Leukaemia in Terms of Evaluation and Benchmarking, Open Challenges, Issues and Methodological Aspects. <i>Journal of Medical Systems</i> , 2018, 42, 204.	2.2	91
6	Electronic medical record systems: decision support examination framework for individual, security and privacy concerns using multi-perspective analysis. <i>Health and Technology</i> , 2020, 10, 795-822.	2.1	88
7	Blockchain authentication of network applications: Taxonomy, classification, capabilities, open challenges, motivations, recommendations and future directions. <i>Computer Standards and Interfaces</i> , 2019, 64, 41-60.	3.8	87
8	Real-Time Fault-Tolerant mHealth System: Comprehensive Review of Healthcare Services, Opens Issues, Challenges and Methodological Aspects. <i>Journal of Medical Systems</i> , 2018, 42, 137.	2.2	84
9	Based Multiple Heterogeneous Wearable Sensors: A Smart Real-Time Health Monitoring Structured for Hospitals Distributor. <i>IEEE Access</i> , 2019, 7, 37269-37323.	2.6	80
10	A review on smartphone skin cancer diagnosis apps in evaluation and benchmarking: coherent taxonomy, open issues and recommendation pathway solution. <i>Health and Technology</i> , 2018, 8, 223-238.	2.1	74
11	Medical emergency triage and patient prioritisation in a telemedicine environment: a systematic review. <i>Health and Technology</i> , 2019, 9, 679-700.	2.1	70
12	Multiclass Benchmarking Framework for Automated Acute Leukaemia Detection and Classification Based on BWM and Group-VIKOR. <i>Journal of Medical Systems</i> , 2019, 43, 212.	2.2	70
13	Assessment and Ranking Framework for the English Skills of Pre-Service Teachers Based on Fuzzy Delphi and TOPSIS Methods. <i>IEEE Access</i> , 2019, 7, 126201-126223.	2.6	65
14	A Novel Multi-Perspective Benchmarking Framework for Selecting Image Dehazing Intelligent Algorithms Based on BWM and Group VIKOR Techniques. <i>International Journal of Information Technology and Decision Making</i> , 2020, 19, 909-957.	2.3	65
15	Mobile Patient Monitoring Systems from a Benchmarking Aspect: Challenges, Open Issues and Recommended Solutions. <i>Journal of Medical Systems</i> , 2019, 43, 207.	2.2	64
16	Mobile-Based Patient Monitoring Systems: A Prioritisation Framework Using Multi-Criteria Decision-Making Techniques. <i>Journal of Medical Systems</i> , 2019, 43, 219.	2.2	64
17	Multi-agent learning neural network and Bayesian model for real-time IoT skin detectors: a new evaluation and benchmarking methodology. <i>Neural Computing and Applications</i> , 2020, 32, 8315-8366.	3.2	60
18	Comprehensive review and analysis of anti-malware apps for smartphones. <i>Telecommunication Systems</i> , 2019, 72, 285-337.	1.6	57

#	ARTICLE	IF	CITATIONS
19	A review of the automated detection and classification of acute leukaemia: Coherent taxonomy, datasets, validation and performance measurements, motivation, open challenges and recommendations. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 158, 93-112.	2.6	56
20	Based blockchain-PSO-AES techniques in finger vein biometrics: A novel verification secure framework for patient authentication. <i>Computer Standards and Interfaces</i> , 2019, 66, 103343.	3.8	56
21	Novel technique for reorganisation of opinion order to interval levels for solving several instances representing prioritisation in patients with multiple chronic diseases. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 185, 105151.	2.6	56
22	Multi-Criteria Evaluation and Benchmarking for Active Queue Management Methods: Open Issues, Challenges and Recommended Pathway Solutions. <i>International Journal of Information Technology and Decision Making</i> , 2019, 18, 1187-1242.	2.3	51
23	A new standardisation and selection framework for real-time image dehazing algorithms from multi-foggy scenes based on fuzzy Delphi and hybrid multi-criteria decision analysis methods. <i>Neural Computing and Applications</i> , 2021, 33, 1029-1054.	3.2	51
24	Based on T-spherical fuzzy environment: A combination of FWZIC and FDOSM for prioritising COVID-19 vaccine dose recipients. <i>Journal of Infection and Public Health</i> , 2021, 14, 1513-1559.	1.9	51
25	A Uniform Intelligent Prioritisation for Solving Diverse and Big Data Generated From Multiple Chronic Diseases Patients Based on Hybrid Decision-Making and Voting Method. <i>IEEE Access</i> , 2020, 8, 91521-91530.	2.6	49
26	Multi-Criteria Evaluation and Benchmarking for Young Learners's English Language Mobile Applications in Terms of LSRW Skills. <i>IEEE Access</i> , 2019, 7, 146620-146651.	2.6	47
27	Comprehensive Insights Into the Criteria of Student Performance in Various Educational Domains. <i>IEEE Access</i> , 2018, 6, 73245-73264.	2.6	46
28	Real-Time Medical Systems Based on Human Biometric Steganography: a Systematic Review. <i>Journal of Medical Systems</i> , 2018, 42, 245.	2.2	44
29	Real-Time Remote Health Monitoring Systems Using Body Sensor Information and Finger Vein Biometric Verification: A Multi-Layer Systematic Review. <i>Journal of Medical Systems</i> , 2018, 42, 238.	2.2	43
30	MOGSABAT: a metaheuristic hybrid algorithm for solving multi-objective optimisation problems. <i>Neural Computing and Applications</i> , 2020, 32, 3101-3115.	3.2	37
31	Based Medical Systems for Patient's Authentication: Towards a New Verification Secure Framework Using CIA Standard. <i>Journal of Medical Systems</i> , 2019, 43, 192.	2.2	36
32	Finger Vein Biometrics: Taxonomy Analysis, Open Challenges, Future Directions, and Recommended Solution for Decentralised Network Architectures. <i>IEEE Access</i> , 2020, 8, 9821-9845.	2.6	36
33	PSO's Blockchain-based image steganography: towards a new method to secure updating and sharing COVID-19 data in decentralised hospitals intelligence architecture. <i>Multimedia Tools and Applications</i> , 2021, 80, 14137-14161.	2.6	31
34	New Method of Image Steganography Based on Particle Swarm Optimization Algorithm in Spatial Domain for High Embedding Capacity. <i>IEEE Access</i> , 2019, 7, 168994-169010.	2.6	30
35	New mHealth hospital selection framework supporting decentralised telemedicine architecture for outpatient cardiovascular disease-based integrated techniques: Haversine-GPS and AHP-VIKOR. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 0, , 1.	3.3	28
36	Real-time-based E-health systems: design and implementation of a lightweight key management protocol for securing sensitive information of patients. <i>Health and Technology</i> , 2019, 9, 93-111.	2.1	26

#	ARTICLE	IF	CITATIONS
37	A systematic review into the assessment of medical apps: motivations, challenges, recommendations and methodological aspect. <i>Health and Technology</i> , 2020, 10, 1045-1061.	2.1	26
38	Multidimensional Benchmarking Framework for AQMs of Network Congestion Control Based on AHP and Group-TOPSIS. <i>International Journal of Information Technology and Decision Making</i> , 2021, 20, 1409-1446.	2.3	23
39	Rescuing emergency cases of COVID-19 patients: An intelligent real-time MSC transfusion framework based on multicriteria decision-making methods. <i>Applied Intelligence</i> , 2022, 52, 9676-9700.	3.3	18
40	Novel Multiperspective Hiring Framework for the Selection of Software Programmer Applicants Based on AHP and Group TOPSIS Techniques. <i>International Journal of Information Technology and Decision Making</i> , 2020, 19, 775-847.	2.3	12