

# 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	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
2	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
3	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
4	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
5	PSOâ€“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
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	MOGSABAT: a metaheuristic hybrid algorithm for solving multi-objective optimisation problems. <i>Neural Computing and Applications</i> , 2020, 32, 3101-3115.	3.2	37
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Multi-Criteria Evaluation and Benchmarking for Young Learnersâ€™ English Language Mobile Applications in Terms of LSRW Skills. <i>IEEE Access</i> , 2019, 7, 146620-146651.	2.6	47

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19	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
20	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
21	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
22	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
23	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
24	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
25	Comprehensive review and analysis of anti-malware apps for smartphones. <i>Telecommunication Systems</i> , 2019, 72, 285-337.	1.6	57
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	Comprehensive Insights Into the Criteria of Student Performance in Various Educational Domains. <i>IEEE Access</i> , 2018, 6, 73245-73264.	2.6	46
35	Real-Time Medical Systems Based on Human Biometric Steganography: a Systematic Review. <i>Journal of Medical Systems</i> , 2018, 42, 245.	2.2	44
36	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

#	ARTICLE	IF	CITATIONS
37	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. Journal of Medical Systems, 2018, 42, 204.	2.2	91
38	Real-Time Fault-Tolerant mHealth System: Comprehensive Review of Healthcare Services, Opens Issues, Challenges and Methodological Aspects. Journal of Medical Systems, 2018, 42, 137.	2.2	84
39	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. Journal of Medical Systems, 2018, 42, 164.	2.2	92
40	New mHealth hospital selection framework supporting decentralised telemedicine architecture for outpatient cardiovascular disease-based integrated techniques: Haversine-GPS and AHP-VIKOR. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	3.3	28