Ahmed J Aljaaf

List of Publications by Year
in descending order

35 papers	449 citations	1163117 8 h-index	1058476 14 g-index
36 all docs	36 docs citations	36 times ranked	390 citing authors

#	Article	IF	Citations
1	Backpropagation Approach Supported by Image Compression Algorithm for the Classification of Chronic Condition Diseases. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2024, , 1-1.	3.0	6
2	A fusion of data science and feed-forward neural network-based modelling of COVID-19 outbreak forecasting in IRAQ. Journal of Biomedical Informatics, 2021, 118, 103766.	4.3	15
3	An online COVID-19 self-assessment framework supported by IoMT technology. Journal of Intelligent Systems, 2021, 30, 966-975.	1.6	3
4	Implementation of Machine Learning and Data Mining to Improve Cybersecurity and Limit Vulnerabilities to Cyber Attacks. Studies in Computational Intelligence, 2020, , 47-76.	0.9	12
5	Prospects of Machine and Deep Learning in Analysis of Vital Signs for the Improvement of Healthcare Services. Studies in Computational Intelligence, 2020, , 113-136.	0.9	10
6	Performance-Based Prediction of Chronic Kidney Disease Using Machine Learning for High-Risk Cardiovascular Disease Patients. Studies in Computational Intelligence, 2020, , 187-206.	0.9	9
7	The Application of Artificial Intelligence Technology in Healthcare: A Systematic Review. Communications in Computer and Information Science, 2020, , 248-261.	0.5	15
8	Patients Attitude to Technology. Journal of Medical Systems, 2019, 43, 295.	3.6	7
9	A systematic review on the status and progress of homomorphic encryption technologies. Journal of Information Security and Applications, 2019, 48, 102362.	2.5	45
10	A Novel Self-Calibration Technique for Linear Array Based on Modified MVDR Adaptive Beamformer. , 2019, , .		1
11	Investigating the Mechanical and Durability Performance of Cement Mortar Incorporated Modified Fly Ash and Ground Granulated Blast Furnace Slag as Cement Replacement Materials. , 2019, , .		8
12	A Perspective on Education to Support Industry 4.0: A Qualitative Case Study in UK. , 2019, , .		4
13	An Insight into ICP Monitoring of Patients with Hydrocephalus using Data Science Approach. , 2019, , .		0
14	Data Science Techniques to Support Prediction, Diagnosis and Recode Treatment of Alzheimer'S Disease. , 2019, , .		2
15	An Ensemble Learning Approach for Automatic Brain Hemorrhage Detection from MRIs. , 2019, , .		4
16	Implementation of machine learning algorithms to create diabetic patient re-admission profiles. BMC Medical Informatics and Decision Making, 2019, 19, 253.	3.0	29
17	Applications of Machine Learning Techniques for Software Engineering Learning and Early Prediction of Students' Performance. Communications in Computer and Information Science, 2019, , 246-258.	0.5	8
18	A Novel Artificial Neural Network Scheme for Modelling of Nonlinear Soil Stress-Strain Modulus Exponent. , 2018, , .		1

#	Article	IF	Citations
19	H-Diary: Mobile Application for Headache Diary and Remote Patient Monitoring. , 2018, , .		8
20	Application of Machine Learning on Student Data for the Appraisal of Academic Performance. , 2018, , .		10
21	Healthcare Services Innovations Based on the State of the Art Technology Trend Industry 4.0. , 2018, , .		34
22	Data Science to Improve Patient Management System. , 2018, , .		10
23	Early Prediction of Chronic Kidney Disease Using Machine Learning Supported by Predictive Analytics. , 2018, , .		63
24	A Study of Data Classification and Selection Techniques to Diagnose Headache Patients. , 2018, , 121-134.		10
25	Gamification in e-Governance. , 2017, , .		11
26	A machine learning approach to measure and monitor physical activity in children. Neurocomputing, 2017, 228, 220-230.	5.9	13
27	Development of an Interactive System to Enhance Strategic Planning Process and Quality of Aviation Operations Using Balanced Scorecard: A UAE Case study. , 2017, , .		1
28	An Intelligent Systems Approach to Primary Headache Diagnosis. Lecture Notes in Computer Science, 2017, , 61-72.	1.3	12
29	Evaluation of machine learning methods to predict knee loading from the movement of body segments. , 2016, , .		21
30	Partially Synthesised Dataset to Improve Prediction Accuracy. Lecture Notes in Computer Science, 2016, , 855-866.	1.3	2
31	Applied machine learning classifiers for medical applications: Clarifying the behavioural patterns using a variety of datasets. , 2015, , .		4
32	Predicting the likelihood of heart failure with a multi level risk assessment using decision tree. , 2015, , .		40
33	A Systematic Comparison and Evaluation of Supervised Machine Learning Classifiers Using Headache Dataset. Lecture Notes in Computer Science, 2015, , 101-108.	1.3	5
34	Toward an optimal use of artificial intelligence techniques within a clinical decision support system. , 2015, , .		23
35	A Study of Data Classification and Selection Techniques for Medical Decision Support Systems. Lecture Notes in Computer Science, 2014, , 135-143.	1.3	3