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	Early Prediction of Chronic Kidney Disease Using Machine Learning Supported by Predictive Analytics. , 2018, , .		63
2	A systematic review on the status and progress of homomorphic encryption technologies. Journal of Information Security and Applications, 2019, 48, 102362.	2.5	45
3	Predicting the likelihood of heart failure with a multi level risk assessment using decision tree. , 2015, , .		40
4	Healthcare Services Innovations Based on the State of the Art Technology Trend Industry 4.0. , 2018, , .		34
5	Implementation of machine learning algorithms to create diabetic patient re-admission profiles. BMC Medical Informatics and Decision Making, 2019, 19, 253.	3.0	29
6	Toward an optimal use of artificial intelligence techniques within a clinical decision support system. , 2015, , .		23
7	Evaluation of machine learning methods to predict knee loading from the movement of body segments. , 2016, , .		21
8	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
9	The Application of Artificial Intelligence Technology in Healthcare: A Systematic Review. Communications in Computer and Information Science, 2020, , 248-261.	0.5	15
10	A machine learning approach to measure and monitor physical activity in children. Neurocomputing, 2017, 228, 220-230.	5.9	13
11	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
12	An Intelligent Systems Approach to Primary Headache Diagnosis. Lecture Notes in Computer Science, 2017, , 61-72.	1.3	12
13	Gamification in e-Governance. , 2017, , .		11
14	Application of Machine Learning on Student Data for the Appraisal of Academic Performance. , 2018, , .		10
15	Data Science to Improve Patient Management System. , 2018, , .		10
16	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
17	A Study of Data Classification and Selection Techniques to Diagnose Headache Patients. , 2018, , 121-134.		10
18	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

#	Article	IF	Citations
19	H-Diary: Mobile Application for Headache Diary and Remote Patient Monitoring. , 2018, , .		8
20	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
21	Applications of Machine Learning Techniques for Software Engineering Learning and Early Prediction of Studentsâ€™ Performance. Communications in Computer and Information Science, 2019, , 246-258.	0.5	8
22	Patients Attitude to Technology. Journal of Medical Systems, 2019, 43, 295.	3.6	7
23	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
24	A Systematic Comparison and Evaluation of Supervised Machine Learning Classifiers Using Headache Dataset. Lecture Notes in Computer Science, 2015, , 101-108.	1.3	5
25	Applied machine learning classifiers for medical applications: Clarifying the behavioural patterns using a variety of datasets. , 2015, , .		4
26	A Perspective on Education to Support Industry 4.0: A Qualitative Case Study in UK. , 2019, , .		4
27	An Ensemble Learning Approach for Automatic Brain Hemorrhage Detection from MRIs. , 2019, , .		4
28	A Study of Data Classification and Selection Techniques for Medical Decision Support Systems. Lecture Notes in Computer Science, 2014, , 135-143.	1.3	3
29	An online COVID-19 self-assessment framework supported by IoMT technology. Journal of Intelligent Systems, 2021, 30, 966-975.	1.6	3
30	Partially Synthesised Dataset to Improve Prediction Accuracy. Lecture Notes in Computer Science, 2016, , 855-866.	1.3	2
31	Data Science Techniques to Support Prediction, Diagnosis and Recode Treatment of Alzheimer'S Disease. , 2019, , .		2
32	Development of an Interactive System to Enhance Strategic Planning Process and Quality of Aviation Operations Using Balanced Scorecard: A UAE Case study. , 2017, , .		1
33	A Novel Artificial Neural Network Scheme for Modelling of Nonlinear Soil Stress-Strain Modulus Exponent. , 2018, , .		1
34	A Novel Self-Calibration Technique for Linear Array Based on Modified MVDR Adaptive Beamformer. , 2019, , .		1
35	An Insight into ICP Monitoring of Patients with Hydrocephalus using Data Science Approach. , 2019, , .		0