

Theyazn H H Aldhyani

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32 papers	315 citations	11 h-index	15 g-index
36 ext. papers	633 ext. citations	2.5 avg, IF	4.69 L-index

#	Paper	IF	Citations
32	Water Quality Prediction Using Artificial Intelligence Algorithms. <i>Applied Bionics and Biomechanics</i> , 2020 , 2020, 6659314	1.6	35
31	. <i>IEEE Access</i> , 2020 , 8, 130431-130451	3.5	23
30	Wearable Wireless Body Area Networks for Medical Applications. <i>Computational and Mathematical Methods in Medicine</i> , 2021 , 2021, 5574376	2.8	23
29	Diagnosis of Chronic Kidney Disease Using Effective Classification Algorithms and Recursive Feature Elimination Techniques. <i>Journal of Healthcare Engineering</i> , 2021 , 2021, 1004767	3.7	20
28	Botnet Attack Detection by Using CNN-LSTM Model for Internet of Things Applications. <i>Security and Communication Networks</i> , 2021 , 2021, 1-23	1.9	16
27	Soft Clustering for Enhancing the Diagnosis of Chronic Diseases over Machine Learning Algorithms. <i>Journal of Healthcare Engineering</i> , 2020 , 2020, 4984967	3.7	15
26	Modeling of Compressive Strength of Sustainable Self-Compacting Concrete Incorporating Treated Palm Oil Fuel Ash Using Artificial Neural Network. <i>Sustainability</i> , 2020 , 12, 9322	3.6	15
25	Adaptive Anomaly Detection Framework Model Objects in Cyberspace. <i>Applied Bionics and Biomechanics</i> , 2020 , 2020, 6660489	1.6	14
24	Intrusion Detection System to Advance Internet of Things Infrastructure-Based Deep Learning Algorithms. <i>Complexity</i> , 2021 , 2021, 1-18	1.6	13
23	Developing a Recognition System for Classifying COVID-19 Using a Convolutional Neural Network Algorithm. <i>Computers, Materials and Continua</i> , 2021 , 68, 805-819	3.9	13
22	Measuring and Assessing Performance of Mobile Broadband Networks and Future 5G Trends. <i>Sustainability</i> , 2022 , 14, 829	3.6	12
21	Attacks to Automotous Vehicles: A Deep Learning Algorithm for Cybersecurity.. <i>Sensors</i> , 2022 , 22,	3.8	11
20	Developing a Recognition System for Diagnosing Melanoma Skin Lesions Using Artificial Intelligence Algorithms. <i>Computational and Mathematical Methods in Medicine</i> , 2021 , 2021, 9998379	2.8	10
19	Development of Integrated Neural Network Model for Identification of Fake Reviews in E-Commerce Using Multidomain Datasets. <i>Applied Bionics and Biomechanics</i> , 2021 , 2021, 5522574	1.6	9
18	Deep Learning and Holt-Trend Algorithms for Predicting Covid-19 Pandemic. <i>Computers, Materials and Continua</i> , 2021 , 67, 2141-2160	3.9	8
17	A Bidirectional Long Short-Term Memory Model Algorithm for Predicting COVID-19 in Gulf Countries. <i>Life</i> , 2021 , 11,	3	7
16	An Integrated Model for Prediction of Loading Packets in Network Traffic 2016 ,		7

15	Automated Diagnosis of Chest X-Ray for Early Detection of COVID-19 Disease. <i>Computational and Mathematical Methods in Medicine</i> , 2021 , 2021, 6919483	2.8	6
14	Artificial Intelligence Algorithms for Malware Detection in Android-Operated Mobile Devices.. <i>Sensors</i> , 2022 , 22,	3.8	6
13	A Systematic Survey on Energy-Efficient Techniques in Sustainable Cloud Computing. <i>Sustainability</i> , 2022 , 14, 6256	3.6	6
12	Deep Learning Algorithms for Detection and Classification of Gastrointestinal Diseases. <i>Complexity</i> , 2021 , 2021, 1-12	1.6	5
11	Deep Learning and Holt-Trend Algorithms for predicting COVID-19 pandemic		5
10	Integration of time series models with soft clustering to enhance network traffic forecasting 2016 ,		5
9	Modelling the Psychological Impact of COVID-19 in Saudi Arabia Using Machine Learning. <i>Computers, Materials and Continua</i> , 2021 , 67, 2029-2047	3.9	5
8	Using Sequence Mining to Predict Complex Systems: A Case Study in Influenza Epidemics. <i>Complexity</i> , 2021 , 2021, 1-16	1.6	4
7	Human-Animal Affective Robot Touch Classification Using Deep Neural Network. <i>Computer Systems Science and Engineering</i> , 2021 , 38, 25-37	3.9	4
6	Facial Features Detection System To Identify Children With Autism Spectrum Disorder: Deep Learning Models.. <i>Computational and Mathematical Methods in Medicine</i> , 2022 , 2022, 3941049	2.8	4
5	Developing an Intelligent System with Deep Learning Algorithms for Sentiment Analysis of E-Commerce Product Reviews. <i>Computational Intelligence and Neuroscience</i> , 2022 , 2022, 1-10	3	3
4	Developing Cybersecurity Systems Based on Machine Learning and Deep Learning Algorithms for Protecting Food Security Systems: Industrial Control Systems. <i>Electronics (Switzerland)</i> , 2022 , 11, 1717	2.6	3
3	Prediction of Arsenic Removal from Contaminated Water Using Artificial Neural Network Model. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 999	2.6	2
2	Analysis of Fault Classifiers to Detect the Faults and Node Failures in a Wireless Sensor Network. <i>Electronics (Switzerland)</i> , 2022 , 11, 1609	2.6	2
1	Clustering to Enhance Network Traffic Forecasting. <i>Lecture Notes in Networks and Systems</i> , 2018 , 357-364	4.5	1