

# Theyazn H H Aldhyani

## List of Publications by Year in Descending Order

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This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
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	Attacks to Automotous Vehicles: A Deep Learning Algorithm for Cybersecurity.. <i>Sensors</i> , <b>2022</b> , 22,	3.8	11
31	Prediction of Arsenic Removal from Contaminated Water Using Artificial Neural Network Model. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 999	2.6	2
30	Measuring and Assessing Performance of Mobile Broadband Networks and Future 5G Trends. <i>Sustainability</i> , <b>2022</b> , 14, 829	3.6	12
29	Artificial Intelligence Algorithms for Malware Detection in Android-Operated Mobile Devices.. <i>Sensors</i> , <b>2022</b> , 22,	3.8	6
28	Facial Features Detection System To Identify Children With Autism Spectrum Disorder: Deep Learning Models.. <i>Computational and Mathematical Methods in Medicine</i> , <b>2022</b> , 2022, 3941049	2.8	4
27	A Systematic Survey on Energy-Efficient Techniques in Sustainable Cloud Computing. <i>Sustainability</i> , <b>2022</b> , 14, 6256	3.6	6
26	Analysis of Fault Classifiers to Detect the Faults and Node Failures in a Wireless Sensor Network. <i>Electronics (Switzerland)</i> , <b>2022</b> , 11, 1609	2.6	2
25	Developing an Intelligent System with Deep Learning Algorithms for Sentiment Analysis of E-Commerce Product Reviews. <i>Computational Intelligence and Neuroscience</i> , <b>2022</b> , 2022, 1-10	3	3
24	Developing Cybersecurity Systems Based on Machine Learning and Deep Learning Algorithms for Protecting Food Security Systems: Industrial Control Systems. <i>Electronics (Switzerland)</i> , <b>2022</b> , 11, 1717	2.6	3
23	Deep Learning Algorithms for Detection and Classification of Gastrointestinal Diseases. <i>Complexity</i> , <b>2021</b> , 2021, 1-12	1.6	5
22	A Bidirectional Long Short-Term Memory Model Algorithm for Predicting COVID-19 in Gulf Countries. <i>Life</i> , <b>2021</b> , 11,	3	7
21	Automated Diagnosis of Chest X-Ray for Early Detection of COVID-19 Disease. <i>Computational and Mathematical Methods in Medicine</i> , <b>2021</b> , 2021, 6919483	2.8	6
20	Development of Integrated Neural Network Model for Identification of Fake Reviews in E-Commerce Using Multidomain Datasets. <i>Applied Bionics and Biomechanics</i> , <b>2021</b> , 2021, 5522574	1.6	9
19	Wearable Wireless Body Area Networks for Medical Applications. <i>Computational and Mathematical Methods in Medicine</i> , <b>2021</b> , 2021, 5574376	2.8	23
18	Using Sequence Mining to Predict Complex Systems: A Case Study in Influenza Epidemics. <i>Complexity</i> , <b>2021</b> , 2021, 1-16	1.6	4
17	Developing a Recognition System for Diagnosing Melanoma Skin Lesions Using Artificial Intelligence Algorithms. <i>Computational and Mathematical Methods in Medicine</i> , <b>2021</b> , 2021, 9998379	2.8	10
16	Diagnosis of Chronic Kidney Disease Using Effective Classification Algorithms and Recursive Feature Elimination Techniques. <i>Journal of Healthcare Engineering</i> , <b>2021</b> , 2021, 1004767	3.7	20

15	Intrusion Detection System to Advance Internet of Things Infrastructure-Based Deep Learning Algorithms. <i>Complexity</i> , <b>2021</b> , 2021, 1-18	1.6	13
14	Human-Animal Affective Robot Touch Classification Using Deep Neural Network. <i>Computer Systems Science and Engineering</i> , <b>2021</b> , 38, 25-37	3.9	4
13	Developing a Recognition System for Classifying COVID-19 Using a Convolutional Neural Network Algorithm. <i>Computers, Materials and Continua</i> , <b>2021</b> , 68, 805-819	3.9	13
12	Modelling the Psychological Impact of COVID-19 in Saudi Arabia Using Machine Learning. <i>Computers, Materials and Continua</i> , <b>2021</b> , 67, 2029-2047	3.9	5
11	Botnet Attack Detection by Using CNN-LSTM Model for Internet of Things Applications. <i>Security and Communication Networks</i> , <b>2021</b> , 2021, 1-23	1.9	16
10	Deep Learning and Holt-Trend Algorithms for Predicting Covid-19 Pandemic. <i>Computers, Materials and Continua</i> , <b>2021</b> , 67, 2141-2160	3.9	8
9	Soft Clustering for Enhancing the Diagnosis of Chronic Diseases over Machine Learning Algorithms. <i>Journal of Healthcare Engineering</i> , <b>2020</b> , 2020, 4984967	3.7	15
8	Water Quality Prediction Using Artificial Intelligence Algorithms. <i>Applied Bionics and Biomechanics</i> , <b>2020</b> , 2020, 6659314	1.6	35
7	Modeling of Compressive Strength of Sustainable Self-Compacting Concrete Incorporating Treated Palm Oil Fuel Ash Using Artificial Neural Network. <i>Sustainability</i> , <b>2020</b> , 12, 9322	3.6	15
6	. <i>IEEE Access</i> , <b>2020</b> , 8, 130431-130451	3.5	23
5	Adaptive Anomaly Detection Framework Model Objects in Cyberspace. <i>Applied Bionics and Biomechanics</i> , <b>2020</b> , 2020, 6660489	1.6	14
4	Clustering to Enhance Network Traffic Forecasting. <i>Lecture Notes in Networks and Systems</i> , <b>2018</b> , 357-364.5	4.5	1
3	Integration of time series models with soft clustering to enhance network traffic forecasting <b>2016</b> ,		5
2	An Integrated Model for Prediction of Loading Packets in Network Traffic <b>2016</b> ,		7
1	Deep Learning and Holt-Trend Algorithms for predicting COVID-19 pandemic		5