Majid Nour

List of Publications by Year
in descending order

34 papers	1,098 citations	535685 17 h-index	511568 30 g-index
34 all docs	34 docs citations	34 times ranked	1813 citing authors

#	Article	IF	Citations
1	A Novel Tilt and Acceleration Measurement System Based on Hall-Effect Sensors Using Neural Networks. Mathematical Problems in Engineering, 2022, 2022, 1-13.	0.6	6
2	USE OF EVOLUTIONARY ALGORITHMS IN A FRACTIONAL FRAMEWORK TO PREVENT THE SPREAD OF CORONAVIRUS. Fractals, 2022, 30, .	1.8	7
3	Retinal Blood Vessels and Optic Disc Segmentation Using U-Net. Mathematical Problems in Engineering, 2022, 2022, 1-11.	0.6	10
4	A New Generation Communication System Based on Deep Learning Methods for the Process of Modulation and Demodulation from the Modulated Images. Mathematical Problems in Engineering, 2022, 2022, 1-13.	0.6	1
5	Skin Lesion Segmentation Based on Edge Attention Vnet with Balanced Focal Tversky Loss. Mathematical Problems in Engineering, 2022, 2022, 1-10.	0.6	3
6	Random fully connected layered 1D CNN for solving the Z-bus loss allocation problem. Measurement: Journal of the International Measurement Confederation, 2021, 171, 108794.	2.5	26
7	Design and Comparative Analysis of Ultra-wideband and High Directive Antennas for THz Applications. Applied Computational Electromagnetics Society Journal, 2021, 36, 308-319.	0.4	4
8	A novel classification framework using multiple bandwidth method with optimized CNN for brain–computer interfaces with EEG-fNIRS signals. Neural Computing and Applications, 2021, 33, 15815-15829.	3.2	16
9	A novel hybrid deep learning approach including combination of 1D power signals and 2D signal images for power quality disturbance classification. Expert Systems With Applications, 2021, 174, 114785.	4.4	46
10	An adaptive deep learning framework to classify unknown composite power quality event using known single power quality events. Expert Systems With Applications, 2021, 178, 115023.	4.4	18
11	A healthcare evaluation system based on automated weighted indicators with cross-indicators based learning approach in terms of energy management and cybersecurity. International Journal of Medical Informatics, 2020, 144, 104300.	1.6	9
12	Epileptic Seizure Detection Based on New Hybrid Models with Electroencephalogram Signals. Irbm, 2020, 41, 331-353.	3.7	21
13	A Novel Medical Diagnosis model for COVID-19 infection detection based on Deep Features and Bayesian Optimization. Applied Soft Computing Journal, 2020, 97, 106580.	4.1	232
14	Corrigendum to "Automatic Classification of Hypertension Types Based on Personal Features by Machine Learning Algorithms". Mathematical Problems in Engineering, 2020, 2020, 1-1.	0.6	0
15	The Methods toward Improving Communication Performance in Transparent Radio Frequency Signals. Mathematical Problems in Engineering, 2020, 2020, 1-8.	0.6	0
16	A Novel Framework of Two Successive Feature Selection Levels Using Weight-Based Procedure for Voice-Loss Detection in Parkinson's Disease. IEEE Access, 2020, 8, 76193-76203.	2.6	22
17	Predicting fetal hypoxia using common spatial pattern and machine learning from cardiotocography signals. Applied Acoustics, 2020, 167, 107429.	1.7	26
18	Parkinson disease classification using one against all based data sampling with the acoustic features from the speech signals. Medical Hypotheses, 2020, 140, 109678.	0.8	27

#	Article	IF	Citations
19	Organosoluble Starch-Cellulose Binary Polymer Blend as a Quasi-Solid Electrolyte in a Dye-Sensitized Solar Cell. Polymers, 2020, 12, 516.	2.0	16
20	The Effect of Training and Testing Process on Machine Learning in Biomedical Datasets. Mathematical Problems in Engineering, 2020, 2020, 1-17.	0.6	67
21	Effect of zinc doping on the optoelectronic properties of cadmium sulphide (CdS) thin films deposited by chemical bath deposition by utilising an alternative sulphur precursor. Optik, 2020, 218, 165197.	1.4	21
22	In vitro antioxidant activity of Ficus carica L. latex from 18 different cultivars. Scientific Reports, 2020, 10, 10852.	1.6	38
23	A novel demodulation structure for quadrate modulation signals using the segmentary neural network modelling. Applied Acoustics, 2020, 164, 107251.	1.7	19
24	Automatic Classification of Hypertension Types Based on Personal Features by Machine Learning Algorithms. Mathematical Problems in Engineering, 2020, 2020, 1-13.	0.6	20
25	Optoelectronic properties of electron beam-deposited NiOx thin films for solar cell application. Results in Physics, 2020, 17, 103122.	2.0	26
26	A different sleep apnea classification system with neural network based on the acceleration signals. Applied Acoustics, 2020, 163, 107225.	1.7	17
27	Parametric Analysis of an Optical Log-Spiral Nano-Antenna for Infrared Energy Harvesting. Applied Computational Electromagnetics Society Journal, 2020, 35, 1183-1191.	0.4	0
28	Surface Nano-Characterization of Dialysis Membranes for Quality Purpose. , 2020, , .		0
29	Enhanced Gas Permeation through Graphene Nanocomposites. Journal of Physical Chemistry C, 2015, 119, 13700-13712.	1.5	70
30	A unique in vivo approach for investigating antimicrobial materials utilizing fistulated animals. Scientific Reports, 2015, 5, 11515.	1.6	12
31	The effect of crosslinking temperature on the permeability of PDMS membranes: Evidence of extraordinary CO_2 and CH_4 gas permeation. Separation and Purification Technology, 2014, 122, 96-104.	3.9	128
32	Silver nanoparticle/PDMS nanocomposite catalytic membranes for H_2S gas removal. Journal of Membrane Science, 2014, 470, 346-355.	4.1	37
33	CNT/PDMS composite membranes for H_2 and CH_4 gas separation. International Journal of Hydrogen Energy, 2013, 38, 10494-10501.	3.8	97
34	Nanocomposite carbon-PDMS membranes for gas separation. Sensors and Actuators B: Chemical, 2012, 161, 982-988.	4.0	56