

# Majid Nour

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,098  
citations

471477

17  
h-index

454934

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1597  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A Novel Medical Diagnosis model for COVID-19 infection detection based on Deep Features and Bayesian Optimization. Applied Soft Computing Journal, 2020, 97, 106580.   | 7.2 | 232       |
| 2  | The effect of crosslinking temperature on the permeability of PDMS membranes: Evidence of extraordinary CO <sub>2</sub> and CH <sub>4</sub> gas permeation. Separation and Purification Technology, 2014, 122, 96-104. | 7.9 | 128       |
| 3  | CNT/PDMS composite membranes for H <sub>2</sub> and CH <sub>4</sub> gas separation. International Journal of Hydrogen Energy, 2013, 38, 10494-10501.   | 7.1 | 97        |
| 4  | Enhanced Gas Permeation through Graphene Nanocomposites. Journal of Physical Chemistry C, 2015, 119, 13700-13712.  | 3.1 | 70        |
| 5  | The Effect of Training and Testing Process on Machine Learning in Biomedical Datasets. Mathematical Problems in Engineering, 2020, 2020, 1-17.   | 1.1 | 67        |
| 6  | Nanocomposite carbon-PDMS membranes for gas separation. Sensors and Actuators B: Chemical, 2012, 161, 982-988.   | 7.8 | 56        |
| 7  | 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.                | 7.6 | 46        |
| 8  | In vitro antioxidant activity of Ficus carica L. latex from 18 different cultivars. Scientific Reports, 2020, 10, 10852.   | 3.3 | 38        |
| 9  | Silver nanoparticle/PDMS nanocomposite catalytic membranes for H <sub>2</sub> S gas removal. Journal of Membrane Science, 2014, 470, 346-355.  | 8.2 | 37        |
| 10 | Parkinson disease classification using one against all based data sampling with the acoustic features from the speech signals. Medical Hypotheses, 2020, 140, 109678.  | 1.5 | 27        |
| 11 | Predicting fetal hypoxia using common spatial pattern and machine learning from cardiotocography signals. Applied Acoustics, 2020, 167, 107429.  | 3.3 | 26        |
| 12 | Optoelectronic properties of electron beam-deposited NiOx thin films for solar cell application. Results in Physics, 2020, 17, 103122.   | 4.1 | 26        |
| 13 | Random fully connected layered 1D CNN for solving the Z-bus loss allocation problem. Measurement: Journal of the International Measurement Confederation, 2021, 171, 108794.   | 5.0 | 26        |
| 14 | 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.  | 4.2 | 22        |
| 15 | Epileptic Seizure Detection Based on New Hybrid Models with Electroencephalogram Signals. Irbm, 2020, 41, 331-353.   | 5.6 | 21        |
| 16 | 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.             | 2.9 | 21        |
| 17 | Automatic Classification of Hypertension Types Based on Personal Features by Machine Learning Algorithms. Mathematical Problems in Engineering, 2020, 2020, 1-13.  | 1.1 | 20        |
| 18 | A novel demodulation structure for quadrature modulation signals using the segmentary neural network modelling. Applied Acoustics, 2020, 164, 107251.  | 3.3 | 19        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | 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.   | 7.6 | 18        |
| 20 | A different sleep apnea classification system with neural network based on the acceleration signals. Applied Acoustics, 2020, 163, 107225.  | 3.3 | 17        |
| 21 | Organosoluble Starch-Cellulose Binary Polymer Blend as a Quasi-Solid Electrolyte in a Dye-Sensitized Solar Cell. Polymers, 2020, 12, 516.   | 4.5 | 16        |
| 22 | 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.                                   | 5.6 | 16        |
| 23 | A unique in vivo approach for investigating antimicrobial materials utilizing fistulated animals. Scientific Reports, 2015, 5, 11515.   | 3.3 | 12        |
| 24 | Retinal Blood Vessels and Optic Disc Segmentation Using U-Net. Mathematical Problems in Engineering, 2022, 2022, 1-11.  | 1.1 | 10        |
| 25 | 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. | 3.3 | 9         |
| 26 | USE OF EVOLUTIONARY ALGORITHMS IN A FRACTIONAL FRAMEWORK TO PREVENT THE SPREAD OF CORONAVIRUS. Fractals, 2022, 30, .  | 3.7 | 7         |
| 27 | A Novel Tilt and Acceleration Measurement System Based on Hall-Effect Sensors Using Neural Networks. Mathematical Problems in Engineering, 2022, 2022, 1-13.  | 1.1 | 6         |
| 28 | 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         |
| 29 | Skin Lesion Segmentation Based on Edge Attention Vnet with Balanced Focal Tversky Loss. Mathematical Problems in Engineering, 2022, 2022, 1-10.   | 1.1 | 3         |
| 30 | 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.                                | 1.1 | 1         |
| 31 | Corrigendum to "Automatic Classification of Hypertension Types Based on Personal Features by Machine Learning Algorithms" Mathematical Problems in Engineering, 2020, 2020, 1-1.  | 1.1 | 0         |
| 32 | The Methods toward Improving Communication Performance in Transparent Radio Frequency Signals. Mathematical Problems in Engineering, 2020, 2020, 1-8.   | 1.1 | 0         |
| 33 | 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         |
| 34 | Surface Nano-Characterization of Dialysis Membranes for Quality Purpose. , 2020, , .  |     | 0         |