Marco Aceves

List of Publications by Year
in descending order

32 papers	248 citations	1163117 8 h-index	1058476 14 g-index
32 all docs	32 docs citations	32 times ranked	278 citing authors

#	Article	IF	Citations
1	Capability of an Elman Recurrent Neural Network for predicting the non-linear behavior of airborne pollutants. Earth Science Informatics, 2022, 15, 125-135.	3.2	0
2	Airborne Particulate Matter Modeling: A Comparison of Three Methods Using a Topology Performance Approach. Applied Sciences (Switzerland), 2022, 12, 256.	2.5	1
3	Reduced Calibration Strategy Using a Basketball for RGB-D Cameras. Mathematics, 2022, 10, 2085.	2.2	2
4	Classification of attention levels using a Random Forest algorithm optimized with Particle Swarm Optimization. Evolving Systems, 2022, 13, 687-702.	3.9	4
5	Methodology proposal of ADHD classification of children based on cross recurrence plots. Nonlinear Dynamics, 2021, 104, 1491-1505.	5.2	7
6	Capability of a Recurrent Deep Neural Network Optimized by Swarm Intelligence Techniques to Predict Exceedances of Airborne Pollution (PMx) in Largely Populated Areas. , 2021, , .		4
7	An improved particle swarm optimization (PSO): method to enhance modeling of airborne particulate matter (PM10). Evolving Systems, 2020, 11, 615-624.	3.9	11
8	Chaining a U-Net With a Residual U-Net for Retinal Blood Vessels Segmentation. IEEE Access, 2020, 8, 38493-38500.	4.2	29
9	Evaluation of Key Parameters Using Deep Convolutional Neural Networks for Airborne Pollution (PM10) Prediction. Discrete Dynamics in Nature and Society, 2020, 2020, 1-14.	0.9	7
10	Airborne particle pollution predictive model using Gated Recurrent Unit (GRU) deep neural networks. Earth Science Informatics, 2020, 13, 821-834.	3.2	39
11	EEG data collection using visual evoked, steady state visual evoked and motor image task, designed to brain computer interfaces (BCI) development. Data in Brief, 2019, 25, 103871.	1.0	10
12	Methodology Proposal of EMG Hand Movement Classification Based on Cross Recurrence Plots. Computational and Mathematical Methods in Medicine, 2019, 2019, 1-15.	1.3	14
13	Steady-state visual evoked potential (SSEVP) from EEG signal modeling based upon recurrence plots. Evolving Systems, 2019, 10, 97-109.	3.9	3
14	Parameters Influencing the Optimization Process in Airborne Particles PM10 Using a Neuro-Fuzzy Algorithm Optimized with Bacteria Foraging (BFOA). International Journal of Intelligence Science, 2019, 09, 67-91.	0.8	4
15	Propuesta de red neuronal convolutiva para la predicciÃ³n de partÃculas contaminantes PM10. Research in Computing Science, 2019, 148, 51-63.	0.1	1
16	Feature Extraction of EEG Signal upon BCI Systems Based on Steady-State Visual Evoked Potentials Using the Ant Colony Optimization Algorithm. Discrete Dynamics in Nature and Society, 2018, 2018, 1-19.	0.9	18
17	Location of mammograms ROI's and reduction of false-positive. Computer Methods and Programs in Biomedicine, 2017, 143, 97-111.	4.7	12
18	Risk map generation for keyhole neurosurgery using fuzzy logic for trajectory evaluation. Neurocomputing, 2017, 233, 81-89.	5.9	13

#	Article	IF	Citations
19	Trajectory planning for keyhole neurosurgery using fuzzy logic for risk evaluation. , 2015, , .		0
20	Analysis of Key Features of Non-Linear Behaviour Using Recurrence Quantification. Case Study: Urban Airborne Pollution at Mexico City. Environmental Modeling and Assessment, 2014, 19, 139-152.	2.2	5
21	HTG-Based Kinematic Modeling for Positioning of a Multi-Articulated Wheeled Mobile Manipulator. Journal of Intelligent and Robotic Systems: Theory and Applications, 2014, 76, 267-282.	3.4	2
22	Method to Improve Airborne Pollution Forecasting by Using Ant Colony Optimization and Neuro-Fuzzy Algorithms. International Journal of Intelligence Science, 2014, 04, 81-90.	0.8	6
23	Forecast Urban Air Pollution in Mexico City by Using Support Vector Machines: A Kernel Performance Approach. International Journal of Intelligence Science, 2013, 03, 126-135.	0.8	31
24	Design and Implementation of an Embedded Wireless System to Monitor a Hall-Effect Gas Sensor at a Household. , 2012, , .		0
25	Comparison between Fuzzy C-means clustering and Fuzzy Clustering Subtractive in urban air pollution. , 2010, , .		8
26	Airborne particle monitoring with urban closed-circuit television camera networks and a chromatic technique. Measurement Science and Technology, 2010, 21, 115204.	2.6	1
27	Modeling Key Parameters for Greenhouse Using Fuzzy Clustering Techniques. , 2010, , .		7
28	Capability of a Portable Chromatic Unit for Monitoring Airborne Particles over Wide Urban Areas. Journal of Sensors, 2009, 2009, 1-7.	1.1	2
29	Three-Dimensional Reconstruction System Based on a Segmentation Algorithms and a Modified Fourier Transform Profilometry. , 2009, , .		4
30	Simulation Methodology for Mechatronic Applications using Multilanguage Techniques. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 408-413.	0.4	1
31	A Profilometric Approach for 3D Reconstruction Using Fourier and Wavelet Transforms. Lecture Notes in Computer Science, 2009, , 313-323.	1.3	2
32	Performance Evaluation of a Recurrent Deep Neural Network Optimized by Swarm Intelligent Techniques to Model Particulate Matter. Journal of the Air and Waste Management Association, 0, , .	1.9	0