

# Andrés Eduardo Castro-Ospina

## List of Publications by Year in descending order

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40  
papers

154  
citations

1874746

5  
h-index

1526636

10  
g-index

42  
all docs

42  
docs citations

42  
times ranked

131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and classification of intracardiac atrial fibrillation signals using the time-singularity multifractal spectrum distribution. Communications in Nonlinear Science and Numerical Simulation, 2021, 96, 105675.	1.7	2
2	Information Quality Assessment for Data Fusion Systems. Data, 2021, 6, 60.	1.2	13
3	A Novel Method for Objective Selection of Information Sources Using Multi-Kernel SVM and Local Scaling. Sensors, 2020, 20, 3919.	2.1	2
4	Speckle Noise Reduction in Ultrasound Images for Improving the Metrological Evaluation of Biomedical Applications: An Overview. IEEE Access, 2020, 8, 15983-15999.	2.6	40
5	Characterizing ResNet Filters to Identify Positive and Negative Findings in Breast MRI Sequences. Communications in Computer and Information Science, 2020, , 302-313.	0.4	0
6	Fusion of 3D Radiomic Features from Multiparametric Magnetic Resonance Images for Breast Cancer Risk Classification. Communications in Computer and Information Science, 2020, , 259-272.	0.4	0
7	Machine Learning Methods for Classifying Mammographic Regions Using the Wavelet Transform and Radiomic Texture Features. Communications in Computer and Information Science, 2019, , 617-629.	0.4	1
8	Breast Lesion Discrimination Using Saliency Features from MRI Sequences and MKL-Based Classification. Lecture Notes in Computer Science, 2019, , 294-305.	1.0	0
9	Cardiac Pulse Modeling Using a Modified van der Pol Oscillator and Genetic Algorithms. Lecture Notes in Computer Science, 2018, , 96-106.	1.0	1
10	Case-Based Reasoning Systems for Medical Applications with Improved Adaptation and Recovery Stages. Lecture Notes in Computer Science, 2018, , 26-38.	1.0	7
11	Efficient Hyperparameter Optimization in Convolutional Neural Networks by Learning Curves Prediction. Lecture Notes in Computer Science, 2018, , 143-151.	1.0	3
12	Individual Finger Movement Recognition Based on sEMG and Classification Techniques. Lecture Notes in Computer Science, 2018, , 113-121.	1.0	0
13	Movement Identification in EMG Signals Using Machine Learning: A Comparative Study. Lecture Notes in Computer Science, 2018, , 368-375.	1.0	0
14	Electroencephalographic Signals and Emotional States for Tactile Pleasantness Classification. Lecture Notes in Computer Science, 2018, , 309-316.	1.0	6
15	Voice Pathology Detection Using Artificial Neural Networks and Support Vector Machines Powered by a Multicriteria Optimization Algorithm. Communications in Computer and Information Science, 2018, , 148-159.	0.4	5
16	Feature Group Selection Using MKL Penalized with $\ell_1$ -norm and SVM as Base Learner. Communications in Computer and Information Science, 2018, , 136-147.	0.4	2
17	Multi-label Learning by Hyperparameters Calibration for Treating Class Imbalance. Lecture Notes in Computer Science, 2018, , 327-337.	1.0	0
18	Fingertips Segmentation of Thermal Images and Its Potential Use in Hand Thermoregulation Analysis. Lecture Notes in Computer Science, 2018, , 455-463.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Optimization of the University Transportation by Contraction Hierarchies Method and Clustering Algorithms. Lecture Notes in Computer Science, 2018, , 95-107.	1.0	3
20	Clasificación automática de las vocales en el lenguaje de señas colombiano. Tecnológicas, 2018, 21, 103-114.	0.1	3
21	Processing of thermal images oriented to the automatic analysis of hand thermoregulation. IFMBE Proceedings, 2017, , 658-661.	0.2	1
22	Segment Clustering for Holter Recordings Analysis. Lecture Notes in Computer Science, 2017, , 456-463.	1.0	1
23	Analysis of Motor Imaginary BCI Within Multi-environment Scenarios Using a Mixture of Classifiers. Communications in Computer and Information Science, 2017, , 511-523.	0.4	3
24	Two Novel Clustering Performance Measures Based on Coherence and Relative Assignments of Clusters. Communications in Computer and Information Science, 2017, , 792-804.	0.4	0
25	Kernel-based framework for spectral dimensionality reduction and clustering formulation: A theoretical study. Advances in Distributed Computing and Artificial Intelligence Journal, 2017, 6, 31-40.	1.1	4
26	Feature extraction based on time-singularity multifractal spectrum distribution in intracardiac atrial fibrillation signals. Tecnológicas, 2017, 20, 97-111.	0.1	3
27	Multi-labeler Classification Using Kernel Representations and Mixture of Classifiers. Lecture Notes in Computer Science, 2017, , 343-351.	1.0	0
28	Protein fold families prediction based on graph representations and machine learning methods. , 2016, , .		0
29	Automatic graph pruning based on kernel alignment for spectral clustering. Pattern Recognition Letters, 2016, 70, 8-16.	2.6	4
30	Feature extraction schemes for BCI systems. , 2015, , .		18
31	DWT-based feature extraction for motor imagery classification. , 2015, , .		7
32	On the Spectral Clustering for Dynamic Data. Lecture Notes in Computer Science, 2015, , 148-155.	1.0	2
33	Multiple Kernel Learning for Spectral Dimensionality Reduction. Lecture Notes in Computer Science, 2015, , 626-634.	1.0	6
34	Tensor-product kernel-based representation encoding joint MRI view similarity. , 2014, 2014, 3897-900.		1
35	A Kernel-Based Representation to Support 3D MRI Unsupervised Clustering. , 2014, , .		4
36	Compactly supported graph building for spectral clustering. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
37	Spectral Clustering Using Compactly Supported Graph Building. Lecture Notes in Computer Science, 2014, , 327-334.	1.0	0
38	Novel heuristic search for ventricular arrhythmia detection using normalized cut clustering. , 2013, 2013, 7076-9.		4
39	Automatic Graph Building Approach for Spectral Clustering. Lecture Notes in Computer Science, 2013, , 190-197.	1.0	2
40	P300 analysis based on time frequency decomposition methods for adhd discrimination in child population. , 2012, , .		1