JesÃºs Francisco Vargas-Bonilla

List of Publications by Year
in descending order

18 papers	**772** citations	1477746 **6** h-index	1125271 **13** g-index
18 all docs	**18** docs citations	**18** times ranked	**860** citing authors

#	Article	IF	Citations
1	SisFall: A Fall and Movement Dataset. Sensors, 2017, 17, 198.	2.1	284
2	Towards automatic wild animal monitoring: Identification of animal species in camera-trap images using very deep convolutional neural networks. Ecological Informatics, 2017, 41, 24-32.	2.3	184
3	Characterization Methods for the Detection of Multiple Voice Disorders: Neurological, Functional, and Laryngeal Diseases. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1820-1828.	3.9	96
4	Real-Life/Real-Time Elderly Fall Detection with a Triaxial Accelerometer. Sensors, 2018, 18, 1101.	2.1	75
5	NeuroSpeech: An open-source software for Parkinson's speech analysis. , 2018, 77, 207-221.		72
6	Analysis of Speech from People with Parkinson's Disease through Nonlinear Dynamics. Lecture Notes in Computer Science, 2013, , 112-119.	1.0	24
7	Glottal Flow Patterns Analyses for Parkinson's Disease Detection: Acoustic and Nonlinear Approaches. Lecture Notes in Computer Science, 2016, , 400-407.	1.0	9
8	Walk and Jog Characterization Using a Triaxial Accelerometer. , 2015, , .		5
9	Identity Verification in Virtual Education Using Biometric Analysis Based on Keystroke Dynamics. Tecno Lógicas, 2020, 23, 197-211.	0.1	5
10	Estimation of Light Source Color Rendition with Low-Cost Sensors Using Multilayer Perceptron and Extreme Learning Machine. LEUKOS - Journal of Illuminating Engineering Society of North America, 2021, 17, 280-290.	1.5	4
11	Automatic Detection of Parkinson's Disease from Compressed Speech Recordings. Lecture Notes in Computer Science, 2015, , 88-95.	1.0	4
12	Improving Quality of Life: Home Care for Chronically Ill and Elderly People. , 0, , .		3
13	Automatic detection of hypernasal speech of children with cleft lip and palate from spanish vowels and words using classical measures and nonlinear analysis. Revista Facultad De Ingeniería, 2016, , .	0.5	3
14	NeuroSpeech. SoftwareX, 2018, 8, 69-70.	1.2	2
15	On-line signature verification using Gaussian Mixture Models and small-sample learning strategies. Revista Facultad De Ingeniería, 2016, , .	0.5	1
16	Performance Evaluation of SoC-FPGA Based Floating-Point Implementation of GMM for Real-Time Background Subtraction. Communications in Computer and Information Science, 2019, , 126-134.	0.4	1
17	Dynamic signature for a closed-set identification based on nonlinear analysis. , 2011, , .		0
18	EEG graph analysis for identification of ex-combatants: A machine learning approach. , 2016, , .		0