

Leonardo Duque Muñoz

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

981
citations

1478280

6
h-index

1199470

12
g-index

23
all docs

23
docs citations

23
times ranked

1145
citing authors

#	ARTICLE	IF	CITATIONS
1	Moving magnetoencephalography towards real-world applications with a wearable system. Nature, 2018, 555, 657-661.	13.7	795
2	Cognitive neuroscience using wearable magnetometer arrays: Non-invasive assessment of language function. NeuroImage, 2018, 181, 513-520.	2.1	56
3	Neuromuscular disease detection by neural networks and fuzzy entropy on time-frequency analysis of electromyography signals. Expert Systems, 2018, 35, e12274.	2.9	24
4	Identification and monitoring of brain activity based on stochastic relevance analysis of short-time EEG rhythms. BioMedical Engineering OnLine, 2014, 13, 123.	1.3	22
5	Feature extraction schemes for BCI systems. , 2015, , .		18
6	Data-driven model optimization for optically pumped magnetometer sensor arrays. Human Brain Mapping, 2019, 40, 4357-4369.	1.9	16
7	Discrete wavelet transform and k-nn classification in EMG signals for diagnosis of neuromuscular disorders. , 2014, , .		12
8	Enhanced Data Covariance Estimation Using Weighted Combination of Multiple Gaussian Kernels for Improved M/EEG Source Localization. International Journal of Neural Systems, 2019, 29, 1950001.	3.2	7
9	Students' Attention Monitoring System in Learning Environments based on Artificial Intelligence. IEEE Latin America Transactions, 2022, 20, 126-132.	1.2	6
10	Walk and Jog Characterization Using a Triaxial Accelerometer. , 2015, , .		5
11	Fuzzy entropy relevance analysis in DWT and EMD for BCI motor imagery applications. IngenierÍA, 2015, 20, .	0.1	5
12	Characterization of EEG signals using wavelet transform for motor imagination tasks in BCI systems. , 2013, , .		4
13	EEG Rhythm Extraction Based on Relevance Analysis and Customized Wavelet Transform. Lecture Notes in Computer Science, 2015, , 419-428.	1.0	3
14	Discrimination of Epileptic Events Using EEG Rhythm Decomposition. Lecture Notes in Computer Science, 2011, , 436-444.	1.0	2
15	Aplicaci3n web para el an4lisis de emociones y atenci3n de estudiantes. Tecno L3gicas, 2021, 24, e1821.	0.1	2
16	Non-linear Covariance Estimation for Reconstructing Neural Activity with MEG/EEG Data. Lecture Notes in Computer Science, 2017, , 334-344.	1.0	2
17	P300 analysis based on time frequency decomposition methods for adhd discrimination in child population. , 2012, , .		1
18	Stochastic relevance analysis of epileptic EEG signals for channel selection and classification. , 2013, 2013, 2104-7.		1

#	ARTICLE	IF	CITATIONS
19	Epilepsy activity detection based on optimized one-class classifiers. , 2013, , .		0
20	Epileptic Seizure Identification based on EEG Rhythm Decomposition. IFMBE Proceedings, 2013, , 363-366.	0.2	0
21	Optimizaci3n de manipulabilidad y consumo el3ctrico mediante el Algoritmo Heur3stico de Kalman en manipuladores seriales. Ingenier3a Y Ciencia, 2015, 11, 51-71.	0.3	0
22	Simplified EEG inverse solution for BCI real-time implementation. , 2016, 2016, 4051-4054.		0
23	Individual Finger Movement Recognition Based on sEMG and Classification Techniques. Lecture Notes in Computer Science, 2018, , 113-121.	1.0	0