

Alejandro Bachiller

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

407
citations

840776

11
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794594

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29
all docs

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docs citations

29
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative study of event-related coupling patterns during an auditory oddball task in schizophrenia. <i>Journal of Neural Engineering</i> , 2015, 12, 016007.	3.5	49
2	Decreased spectral entropy modulation in patients with schizophrenia during a P300 task. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 533-543.	3.2	41
3	Auditory P3a and P3b neural generators in schizophrenia: An adaptive sLORETA P300 localization approach. <i>Schizophrenia Research</i> , 2015, 169, 318-325.	2.0	37
4	Neural Network Reorganization Analysis During an Auditory Oddball Task in Schizophrenia Using Wavelet Entropy. <i>Entropy</i> , 2015, 17, 5241-5256.	2.2	34
5	Quantification of Graph Complexity Based on the Edge Weight Distribution Balance: Application to Brain Networks. <i>International Journal of Neural Systems</i> , 2018, 28, 1750032.	5.2	34
6	Decreased entropy modulation of EEG response to novelty and relevance in schizophrenia during a P300 task. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 525-535.	3.2	31
7	Exploring non-stationarity patterns in schizophrenia: neural reorganization abnormalities in the alpha band. <i>Journal of Neural Engineering</i> , 2017, 14, 046001.	3.5	29
8	Deficit of entropy modulation of the EEG in schizophrenia associated to cognitive performance and symptoms. A replication study. <i>Schizophrenia Research</i> , 2018, 195, 334-342.	2.0	20
9	Phase-amplitude coupling analysis of spontaneous EEG activity in Alzheimer's disease. , 2017, 2017, 2259-2262.		16
10	Noise power associated with decreased task-induced variability of brain electrical activity in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 55-61.	3.2	15
11	SGM: a novel time-frequency algorithm based on unsupervised learning improves high-frequency oscillation detection in epilepsy. <i>Journal of Neural Engineering</i> , 2020, 17, 026032.	3.5	14
12	Alterations in EEG connectivity in healthy young adults provide an indicator of sleep depth. <i>Sleep</i> , 2019, 42, .	1.1	13
13	Spectral and Non-Linear Analyses of Spontaneous Magnetoencephalographic Activity in Alzheimer's Disease. <i>Journal of Healthcare Engineering</i> , 2012, 3, 299-322.	1.9	12
14	MEG Analysis of Neural Interactions in Attention-Deficit/Hyperactivity Disorder. <i>Computational Intelligence and Neuroscience</i> , 2016, 2016, 1-10.	1.7	10
15	Entropy analysis of MEG background activity in Attention-Deficit/Hyperactivity Disorder. , 2013, 2013, 5057-60.		8
16	Topography of activation deficits in schizophrenia during P300 task related to cognition and structural connectivity. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 419-428.	3.2	8
17	Characterization of the spontaneous electroencephalographic activity in Alzheimer's disease using disequilibria and graph theory. , 2013, 2013, 5990-3.		5
18	Analysis of spontaneous EEG activity in Alzheimer's disease using cross-sample entropy and graph theory. , 2016, 2016, 2830-2833.		5

#	ARTICLE	IF	CITATIONS
19	Improving the ripple classification in focal pediatric epilepsy: identifying pathological high-frequency oscillations by Gaussian mixture model clustering. Journal of Neural Engineering, 2021, 18, 0460f2.	3.5	5
20	Analysis of spontaneous MEG activity in mild cognitive impairment and Alzheimer's disease using Jensen's divergence. , 2014, 2014, 1501-4.		4
21	Choosing Strategies to Deal with Artifactual EEG Data in Children with Cognitive Impairment. Entropy, 2021, 23, 1030.	2.2	4
22	Novel measure of the weigh distribution balance on the brain network: Graph complexity applied to schizophrenia. , 2016, 2016, 700-703.		3
23	Cognitive stimulation has potential for brain activation in individuals with Rett syndrome. Journal of Intellectual Disability Research, 2022, 66, 213-224.	2.0	3
24	Effect of infusion tests on the dynamical properties of intracranial pressure in hydrocephalus. Computer Methods and Programs in Biomedicine, 2016, 134, 225-235.	4.7	2
25	Analysis of the non-stationarity of neural activity during an auditory oddball task in schizophrenia. , 2016, 2016, 3724-3727.		1
26	Analysis of Functional Connectivity During an Auditory Oddball Task in Schizophrenia. Biosystems and Biorobotics, 2017, , 751-755.	0.3	1
27	Event-Related Phase-Amplitude Coupling: A Comparative Study. Biosystems and Biorobotics, 2017, , 757-761.	0.3	1
28	Analysis of MEG Activity across the Life Span Using Statistical Complexity. IFMBE Proceedings, 2014, , 583-586.	0.3	1
29	Graph-Theoretical Analysis in Schizophrenia Performing an Auditory Oddball Task. IFMBE Proceedings, 2014, , 799-802.	0.3	1