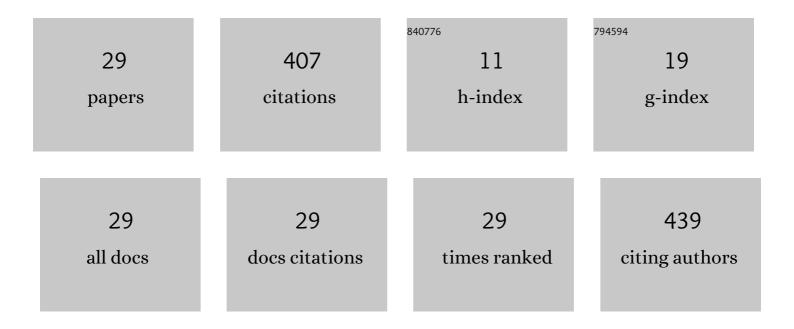
## Alejandro Bachiller

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/721137/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Cognitive stimulation has potential for brain activation in individuals with Rett syndrome. Journal of Intellectual Disability Research, 2022, 66, 213-224.	2.0	3
2	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
3	Choosing Strategies to Deal with Artifactual EEG Data in Children with Cognitive Impairment. Entropy, 2021, 23, 1030.	2.2	4
4	SGM: a novel time-frequency algorithm based on unsupervised learning improves high-frequency oscillation detection in epilepsy. Journal of Neural Engineering, 2020, 17, 026032.	3.5	14
5	Alterations in EEG connectivity in healthy young adults provide an indicator of sleep depth. Sleep, 2019, 42, .	1.1	13
6	Topography of activation deficits in schizophrenia during P300 task related to cognition and structural connectivity. European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 419-428.	3.2	8
7	Quantification of Graph Complexity Based on the Edge Weight Distribution Balance: Application to Brain Networks. International Journal of Neural Systems, 2018, 28, 1750032.	5.2	34
8	Deficit of entropy modulation of the EEG in schizophrenia associated to cognitive performance and symptoms. A replication study. Schizophrenia Research, 2018, 195, 334-342.	2.0	20
9	Exploring non-stationarity patterns in schizophrenia: neural reorganization abnormalities in the alpha band. Journal of Neural Engineering, 2017, 14, 046001.	3.5	29
10	Analysis of Functional Connectivity During an Auditory Oddball Task in Schizophrenia. Biosystems and Biorobotics, 2017, , 751-755.	0.3	1
11	Event-Related Phase-Amplitude Coupling: A Comparative Study. Biosystems and Biorobotics, 2017, , 757-761.	0.3	1
12	Phase-amplitude coupling analysis of spontaneous EEG activity in Alzheimer's disease. , 2017, 2017, 2259-2262.		16
13	MEG Analysis of Neural Interactions in Attention-Deficit/Hyperactivity Disorder. Computational Intelligence and Neuroscience, 2016, 2016, 1-10.	1.7	10
14	Analysis of the non-stationarity of neural activity during an auditory oddball task in schizophrenia. , 2016, 2016, 3724-3727.		1
15	Analysis of spontaneous EEG activity in Alzheimer's disease using cross-sample entropy and graph theory. , 2016, 2016, 2830-2833.		5
16	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
17	Novel measure of the weigh distribution balance on the brain network: Graph complexity applied to schizophrenia. , 2016, 2016, 700-703.		3
18	Noise power associated with decreased task-induced variability of brain electrical activity in schizophrenia. European Archives of Psychiatry and Clinical Neuroscience, 2016, 266, 55-61.	3.2	15

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19	Auditory P3a and P3b neural generators in schizophrenia: An adaptive sLORETA P300 localization approach. Schizophrenia Research, 2015, 169, 318-325.	2.0	37
20	Neural Network Reorganization Analysis During an Auditory Oddball Task in Schizophrenia Using Wavelet Entropy. Entropy, 2015, 17, 5241-5256.	2.2	34
21	A comparative study of event-related coupling patterns during an auditory oddball task in schizophrenia. Journal of Neural Engineering, 2015, 12, 016007.	3.5	49
22	Decreased entropy modulation of EEG response to novelty and relevance in schizophrenia during a P300 task. European Archives of Psychiatry and Clinical Neuroscience, 2015, 265, 525-535.	3.2	31
23	Analysis of spontaneous MEG activity in mild cognitive impairment and Alzheimer's disease using Jensen's divergence. , 2014, 2014, 1501-4.		4
24	Decreased spectral entropy modulation in patients with schizophrenia during a P300 task. European Archives of Psychiatry and Clinical Neuroscience, 2014, 264, 533-543.	3.2	41
25	Analysis of MEG Activity across the Life Span Using Statistical Complexity. IFMBE Proceedings, 2014, , 583-586.	0.3	1
26	Graph-Theoretical Analysis in Schizophrenia Performing an Auditory Oddball Task. IFMBE Proceedings, 2014, , 799-802.	0.3	1
27	Characterization of the spontaneous electroencephalographic activity in Alzheimer's disease using disequilibria and graph theory. , 2013, 2013, 5990-3.		5
28	Entropy analysis of MEG background activity in Attention-Deficit/Hyperactivity Disorder. , 2013, 2013, 5057-60.		8
29	Spectral and Non-Linear Analyses of Spontaneous Magnetoencephalographic Activity in Alzheimer's Disease, Journal of Healthcare Engineering, 2012, 3, 299-322.	1.9	12