MarÃ-a Eugenia LÃ³pez

List of Publications by Year
in descending order

23 papers	745 citations	567281 15 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	1183 citing authors

#	Article	IF	Citations
1	Alpha-Band Hypersynchronization in Progressive Mild Cognitive Impairment: A Magnetoencephalography Study. Journal of Neuroscience, 2014, 34, 14551-14559.	3.6	103
2	Brain-wide slowing of spontaneous alpha rhythms in mild cognitive impairment. Frontiers in Aging Neuroscience, 2013, 5, 100.	3.4	78
3	Network Disruption and Cerebrospinal Fluid Amyloid-Beta and Phospho-Tau Levels in Mild Cognitive Impairment. Journal of Neuroscience, 2015, 35, 10325-10330.	3.6	77
4	Hypersynchronization in mild cognitive impairment: the â€˜Xâ€™ model. Brain, 2019, 142, 3936-3950.	7.6	68
5	The Default Mode Network is functionally and structurally disrupted in amnestic mild cognitive impairment â€” A bimodal MEGâ€“DTI study. NeuroImage: Clinical, 2014, 6, 214-221.	2.7	58
6	Influence of the APOE Îµ4 Allele and Mild Cognitive Impairment Diagnosis in the Disruption of the MEG Resting State Functional Connectivity in Sources Space. Journal of Alzheimer's Disease, 2015, 44, 493-505.	2.6	57
7	Searching for Primary Predictors of Conversion from Mild Cognitive Impairment to Alzheimerâ€™s Disease: A Multivariate Follow-Up Study. Journal of Alzheimer's Disease, 2016, 52, 133-143.	2.6	46
8	Early dysfunction of functional connectivity in healthy elderly with subjective memory complaints. Age, 2012, 34, 497-506.	3.0	28
9	Aberrant MEG multi-frequency phase temporal synchronization predicts conversion from mild cognitive impairment-to-Alzheimer's disease. NeuroImage: Clinical, 2019, 24, 101972.	2.7	25
10	White Matter Damage Disorganizes Brain Functional Networks in Amnestic Mild Cognitive Impairment. Brain Connectivity, 2014, 4, 312-322.	1.7	23
11	Association Between Hippocampus, Thalamus, and Caudate in Mild Cognitive Impairment APOEÎµ4 Carriers: A Structural Covariance MRI Study. Frontiers in Neurology, 2019, 10, 1303.	2.4	23
12	Discriminating Alzheimer's disease progression using a new hippocampal marker from T1â€weighted MRI: The local surface roughness. Human Brain Mapping, 2019, 40, 1666-1676.	3.6	23
13	Functional brain networks reveal the existence of cognitive reserve and the interplay between network topology and dynamics. Scientific Reports, 2018, 8, 10525.	3.3	21
14	Source Analysis of Spontaneous Magnetoencephalograpic Activity in Healthy Aging and Mild Cognitive Impairment: Influence of Apolipoprotein E Polymorphism. Journal of Alzheimer's Disease, 2014, 43, 259-273.	2.6	20
15	Enhancement of posterior brain functional networks in bilingual older adults. Bilingualism, 2020, 23, 387-400.	1.3	19
16	<i>APOE</i> Îµ4 Genotype and Cognitive Reserve Effects on the Cognitive Functioning of Healthy Elders. Dementia and Geriatric Cognitive Disorders, 2017, 44, 328-342.	1.5	18
17	Physical activity effects on the individual alpha peak frequency of older adults with and without genetic risk factors for Alzheimerâ€™s Disease: A MEG study. Clinical Neurophysiology, 2018, 129, 1981-1989.	1.5	17
18	Deep-MEG: spatiotemporal CNN features and multiband ensemble classification for predicting the early signs of Alzheimerâ€™s disease with magnetoencephalography. Neural Computing and Applications, 2021, 33, 14651-14667.	5.6	10

#	Article	IF	Citations
19	Gamma band functional connectivity reduction in patients with amnestic mild cognitive impairment and epileptiform activity. Brain Communications, 2022, 4, fcac012.	3.3	10
20	A multivariate model of time to conversion from mild cognitive impairment to Alzheimerâ€™s disease. GeroScience, 2020, 42, 1715-1732.	4.6	9
21	Modeling the Switching Behavior of Functional Connectivity Microstates (FCÎ¼states) as a Novel Biomarker for Mild Cognitive Impairment. Frontiers in Neuroscience, 2019, 13, 542.	2.8	7
22	BDNF Val66Met Polymorphism and Gamma Band Disruption in Resting State Brain Functional Connectivity: A Magnetoencephalography Study in Cognitively Intact Older Females. Frontiers in Neuroscience, 2018, 12, 684.	2.8	3
23	Resting-State Beta-Band Recovery Network Related to Cognitive Improvement After Stroke. Frontiers in Neurology, 2022, 13, 838170.	2.4	2