

Susanna Lopez

List of Publications by Year in descending order

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43
papers

843
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567281

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526287

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46
times ranked

1082
citing authors

#	ARTICLE	IF	CITATIONS
1	Occipital sources of resting-state alpha rhythms are related to local gray matter density in subjects with amnesic mild cognitive impairment and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 556-570.	3.1	93
2	Abnormalities of cortical neural synchronization mechanisms in patients with dementia due to Alzheimer's and Lewy body diseases: an EEG study. <i>Neurobiology of Aging</i> , 2017, 55, 143-158.	3.1	76
3	Measures of resting state EEG rhythms for clinical trials in Alzheimer's disease: Recommendations of an expert panel. <i>Alzheimer's and Dementia</i> , 2021, 17, 1528-1553.	0.8	64
4	Abnormalities of resting-state functional cortical connectivity in patients with dementia due to Alzheimer's and Lewy body diseases: an EEG study. <i>Neurobiology of Aging</i> , 2018, 65, 18-40.	3.1	61
5	Abnormalities of Resting State Cortical EEG Rhythms in Subjects with Mild Cognitive Impairment Due to Alzheimer's and Lewy Body Diseases. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 247-268.	2.6	50
6	Frontal Functional Connectivity of Electroencephalographic Delta and Theta Rhythms during Action Execution Versus Action Observation in Humans. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 20.	2.0	47
7	Abnormalities of Cortical Neural Synchronization Mechanisms in Subjects with Mild Cognitive Impairment due to Alzheimer's and Parkinson's Diseases: An EEG Study. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 339-358.	2.6	45
8	Functional cortical source connectivity of resting state electroencephalographic alpha rhythms shows similar abnormalities in patients with mild cognitive impairment due to Alzheimer's and Parkinson's diseases. <i>Clinical Neurophysiology</i> , 2018, 129, 766-782.	1.5	45
9	Electroencephalographic sensorimotor rhythms are modulated in the acute phase following focal vibration in healthy subjects. <i>Neuroscience</i> , 2017, 352, 236-248.	2.3	37
10	Two-Year Longitudinal Monitoring of Amnesic Mild Cognitive Impairment Patients with Prodromal Alzheimer's Disease Using Topographical Biomarkers Derived from Functional Magnetic Resonance Imaging and Electroencephalographic Activity. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 15-35.	2.6	34
11	Abnormalities of functional cortical source connectivity of resting-state electroencephalographic alpha rhythms are similar in patients with mild cognitive impairment due to Alzheimer's and Lewy body diseases. <i>Neurobiology of Aging</i> , 2019, 77, 112-127.	3.1	33
12	Neurophysiological Assessment of Alzheimer's Disease Individuals by a Single Electroencephalographic Marker. <i>Journal of Alzheimer's Disease</i> , 2015, 49, 159-177.	2.6	32
13	Resting-state posterior alpha rhythms are abnormal in subjective memory complaint seniors with preclinical Alzheimer's neuropathology and high education level: the INSIGHT-preAD study. <i>Neurobiology of Aging</i> , 2020, 90, 43-59.	3.1	30
14	Levodopa may affect cortical excitability in Parkinson's disease patients with cognitive deficits as revealed by reduced activity of cortical sources of resting state electroencephalographic rhythms. <i>Neurobiology of Aging</i> , 2019, 73, 9-20.	3.1	26
15	Abnormal cortical neural synchronization mechanisms in quiet wakefulness are related to motor deficits, cognitive symptoms, and visual hallucinations in Parkinson's disease patients: an electroencephalographic study. <i>Neurobiology of Aging</i> , 2020, 91, 88-111.	3.1	24
16	Are there consistent abnormalities in event-related EEG oscillations in patients with Alzheimer's disease compared to other diseases belonging to dementia?. <i>Psychophysiology</i> , 2022, 59, e13934.	2.4	19
17	Resting-state electroencephalographic delta rhythms may reflect global cortical arousal in healthy old seniors and patients with Alzheimer's disease dementia. <i>International Journal of Psychophysiology</i> , 2020, 158, 259-270.	1.0	14
18	Abnormalities of Cortical Sources of Resting State Alpha Electroencephalographic Rhythms are Related to Education Attainment in Cognitively Unimpaired Seniors and Patients with Alzheimer's Disease and Amnesic Mild Cognitive Impairment. <i>Cerebral Cortex</i> , 2021, 31, 2220-2237.	2.9	14

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19	On-going electroencephalographic rhythms related to cortical arousal in wild-type mice: the effect of aging. <i>Neurobiology of Aging</i> , 2017, 49, 20-30.	3.1	11
20	Abnormalities of resting-state EEG in patients with prodromal and overt dementia with Lewy bodies: Relation to clinical symptoms. <i>Clinical Neurophysiology</i> , 2020, 131, 2716-2731.	1.5	11
21	Reactivity of posterior cortical electroencephalographic alpha rhythms during eyes opening in cognitively intact older adults and patients with dementia due to Alzheimer's and Lewy body diseases. <i>Neurobiology of Aging</i> , 2022, 115, 88-108.	3.1	11
22	Antiretroviral therapy affects the z-score index of deviant cortical EEG rhythms in naïve HIV individuals. <i>NeuroImage: Clinical</i> , 2016, 12, 144-156.	2.7	8
23	Resting State Alpha Electroencephalographic Rhythms Are Differently Related to Aging in Cognitively Unimpaired Seniors and Patients with Alzheimer's Disease and Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 1085-1114.	2.6	8
24	Resting State Alpha Electroencephalographic Rhythms Are Affected by Sex in Cognitively Unimpaired Seniors and Patients with Alzheimer's Disease and Amnesic Mild Cognitive Impairment: A Retrospective and Exploratory Study. <i>Cerebral Cortex</i> , 2022, 32, 2197-2215.	2.9	8
25	Ongoing Electroencephalographic Activity Associated with Cortical Arousal in Transgenic PDAPP Mice (hAPP V717F). <i>Current Alzheimer Research</i> , 2018, 15, 259-272.	1.4	8
26	Football Players Do Not Show "Neural Efficiency" in Cortical Activity Related to Visuospatial Information Processing During Football Scenes: An EEG Mapping Study. <i>Frontiers in Psychology</i> , 2019, 10, 890.	2.1	7
27	Treatment effects on event-related EEG potentials and oscillations in Alzheimer's disease. <i>International Journal of Psychophysiology</i> , 2022, 177, 179-201.	1.0	7
28	On-Going Frontal Alpha Rhythms Are Dominant in Passive State and Desynchronize in Active State in Adult Gray Mouse Lemurs. <i>PLoS ONE</i> , 2015, 10, e0143719.	2.5	5
29	Classification of Patients with Alzheimer's Disease and Dementia with Lewy Bodies using Resting EEG Selected Features at Sensor and Source Levels: A Proof-of-Concept Study. <i>Current Alzheimer Research</i> , 2021, 18, 956-969.	1.4	4
30	Mirror visual feedback during unilateral finger movements is related to the desynchronization of cortical electroencephalographic somatomotor alpha rhythms. <i>Psychophysiology</i> , 0, , .	2.4	4
31	Ongoing Electroencephalographic Rhythms Related to Exploratory Movements in Transgenic TASTPM Mice. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 291-308.	2.6	2
32	Chronic BACE-1 Inhibitor Administration in TASTPM Mice (APP KM670/671NL and PSEN1 M146V Mutation): An EEG Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9072.	4.1	1
33	Different abnormalities of electroencephalographic (EEG) markers in quiet wakefulness are related to visual hallucinations in patients with Parkinson's and Lewy body diseases. <i>Alzheimer's and Dementia</i> , 2020, 16, e045886.	0.8	1
34	Parietal intrahemispheric source connectivity of resting-state electroencephalographic alpha rhythms is abnormal in Naïve HIV patients. <i>Brain Research Bulletin</i> , 2022, 181, 129-143.	3.0	1
35	Relationship between resting state alpha electroencephalographic rhythms and aging in cognitively unimpaired seniors and patients with mild cognitive impairment due to Alzheimer's disease and amnesic mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	1
36	Ongoing electroencephalographic rhythms related to exploratory movements in transgenic TASTPM mice. <i>Alzheimer's and Dementia</i> , 2020, 16, e039729.	0.8	0

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37	Different abnormalities of electroencephalographic (EEG) markers in quiet wakefulness are related to motor visual hallucinations in patients with Parkinson's and Lewy body diseases. <i>Alzheimer's and Dementia</i> , 2020, 16, e045811.	0.8	0
38	Sensitivity and specificity of EEG biomarkers of AD at the preclinical stage. <i>Alzheimer's and Dementia</i> , 2020, 16, e045832.	0.8	0
39	Resting-state alpha electroencephalographic rhythms are differently related to gender in cognitively unimpaired seniors and in patients with amnesic mild cognitive impairment due to Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
40	Cortical arousal is differently related with resting-state electroencephalographic delta rhythms in healthy seniors and in patients with dementia due to Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
41	Reduction in posterior cortical alpha rhythms during eye opening is more abnormal in patients with dementia due to Lewy bodies than Alzheimer's disease: An EEG study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
42	Relationship between cortical neural synchronization at alpha resting-state electroencephalographic rhythms and education attainment in normal elderly subjects and patients with amnesic mild cognitive impairment due to Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
43	Education and brain amyloid load act on temporal lobe function in individual with subjective memory complaint: An EEG-fMRI study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0