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List of Publications by Year
in descending order

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71 papers	3,819 citations	147566 31 h-index	128067 60 g-index
72 all docs	72 docs citations	72 times ranked	3904 citing authors

#	Article	IF	Citations
1	Cortical network modularity changes along the course of frontotemporal and Alzheimer's dementing diseases. Neurobiology of Aging, 2022, 110, 37-46.	1.5	5
2	Measures of resting state EEG rhythms for clinical trials in Alzheimer's disease: Recommendations of an expert panel. Alzheimer's and Dementia, 2021, 17, 1528-1553.	0.4	64
3	P.0741 Effect of a probiotic administration on inflammatory profile and clinical features in patients with Alzheimer's disease. European Neuropsychopharmacology, 2021, 53, S541.	0.3	0
4	What electrophysiology tells us about Alzheimer's disease: a window into the synchronization and connectivity of brain neurons. Neurobiology of Aging, 2020, 85, 58-73.	1.5	150
5	Incremental value of amyloid-PET versus CSF in the diagnosis of Alzheimerâ€™s disease. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 270-280.	3.3	23
6	Anterior EEG slowing in dementia with Lewy bodies: a multicenter European cohort study. Neurobiology of Aging, 2020, 93, 55-60.	1.5	14
7	Two-Year Longitudinal Monitoring of Amnestic Mild Cognitive Impairment Patients with Prodromal Alzheimerâ€™s Disease Using Topographical Biomarkers Derived from Functional Magnetic Resonance Imaging and Electroencephalographic Activity. Journal of Alzheimer's Disease, 2019, 69, 15-35.	1.2	34
8	Available and future treatments for atypical parkinsonism. A systematic review. CNS Neuroscience and Therapeutics, 2019, 25, 159-174.	1.9	22
9	Progress toward standardized diagnosis of vascular cognitive impairment: Guidelines from the Vascular Impairment of Cognition Classification Consensus Study. Alzheimer's and Dementia, 2018, 14, 280-292.	0.4	246
10	Increase of EEG Alpha3/Alpha2 Power Ratio Detects Inferior Parietal Lobule Atrophy in Mild Cognitive Impairment. Current Alzheimer Research, 2018, 15, 443-451.	0.7	4
11	The Vascular Impairment of Cognition Classification Consensus Study. Alzheimer's and Dementia, 2017, 13, 624-633.	0.4	143
12	Cerebral PET glucose hypometabolism in subjects with mild cognitive impairment and higher EEG high-alpha/low-alpha frequency power ratio. Neurobiology of Aging, 2017, 58, 213-224.	1.5	15
13	Possible Treatments of Atypical Parkinsonism. , 2016, , .		0
14	Electroencephalography-driven approach to prodromal Alzheimer's disease diagnosis: from biomarker integration to network-level comprehension. Clinical Interventions in Aging, 2016, Volume 11, 897-912.	1.3	13
15	Progranulin Mutations Affects Brain Oscillatory Activity in Fronto-Temporal Dementia. Frontiers in Aging Neuroscience, 2016, 8, 35.	1.7	8
16	Editorial: Neurophysiology in Alzheimer's Disease and Dementia. Frontiers in Aging Neuroscience, 2016, 8, 153.	1.7	2
17	Involvement of mirror neuron system in prodromal Alzheimer's disease. BBA Clinical, 2016, 5, 46-53.	4.1	9
18	Conversion of mild cognitive impairment patients in Alzheimerâ€™s disease: prognostic value of Alpha3/Alpha2 electroencephalographic rhythms power ratio. Alzheimer's Research and Therapy, 2015, 7, 80.	3.0	22

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19	Electroencephalography reveals lower regional blood perfusion and atrophy of the temporoparietal network associated with memory deficits and hippocampal volume reduction in mild cognitive impairment due to Alzheimer’s disease. Neuropsychiatric Disease and Treatment, 2015, 11, 461.	1.0	10
20	Association of EEG, MRI, and regional blood flow biomarkers is predictive of prodromal Alzheimer’s disease. Neuropsychiatric Disease and Treatment, 2015, 11, 2779.	1.0	13
21	Theta and alpha EEG frequency interplay in subjects with mild cognitive impairment: evidence from EEG, MRI, and SPECT brain modifications. Frontiers in Aging Neuroscience, 2015, 7, 31.	1.7	46
22	Mild Cognitive Impairment: Structural, Metabolical, and Neurophysiological Evidence of a Novel EEG Biomarker. Frontiers in Neurology, 2015, 6, 152.	1.1	10
23	Understanding early dementia: EEG, MRI, SPECT and memory evaluation. Translational Neuroscience, 2015, 6, 32-46.	0.7	7
24	Are there treatments for atypical parkinsonism? An update on actual options. Reviews in the Neurosciences, 2015, 26, 547-553.	1.4	2
25	Comparison of the effects of transdermal and oral rivastigmine on cognitive function and EEG markers in patients with AlzheimerÃ¢â‚¬â„¢s disease. Frontiers in Aging Neuroscience, 2014, 6, 179.	1.7	8
26	Rotigotine is safe and efficacious in Atypical Parkinsonism Syndromes induced by both a-synucleinopathy and tauopathy. Neuropsychiatric Disease and Treatment, 2014, 10, 1003.	1.0	12
27	Behavioral and Neurophysiological Effects of Transdermal Rotigotine in Atypical Parkinsonism. Frontiers in Neurology, 2014, 5, 85.	1.1	12
28	Non-ergot dopamine agonist rotigotine as a promising therapeutic tool in atypical parkinsonism syndromes: A 24 months pilot observational open-label study. Neuropharmacology, 2014, 85, 284-289.	2.0	8
29	Electroencephalographic Upper/Low Alpha Frequency Power Ratio Relates to Cortex Thinning in Mild Cognitive Impairment. Neurodegenerative Diseases, 2014, 14, 18-30.	0.8	17
30	EEG Upper/Low Alpha Frequency Power Ratio and the Impulsive Disorders Network in Subjects with Mild Cognitive Impairment.. Current Alzheimer Research, 2014, 11, 192-199.	0.7	7
31	Alpha rhythm oscillations and MMSE scores are differently modified by transdermal or oral rivastigmine in patients with Alzheimer's disease. American Journal of Neurodegenerative Disease, 2014, 3, 72-83.	0.1	1
32	Predictors of comprehensive stimulation program efficacy in patients with cognitive impairment. Clinical practice recommendations. International Journal of Geriatric Psychiatry, 2013, 28, 26-33.	1.3	19
33	Diagnostic accuracy of markers for prodromal Alzheimer's disease in independent clinical series. Alzheimer's and Dementia, 2013, 9, 677-686.	0.4	51
34	EEG upper/low alpha frequency power ratio relates to temporo-parietal brain atrophy and memory performances in mild cognitive impairment. Frontiers in Aging Neuroscience, 2013, 5, 63.	1.7	44
35	Increase of theta frequency is associated with reduction in regional cerebral blood flow only in subjects with mild cognitive impairment with higher upper alpha/low alpha EEG frequency power ratio. Frontiers in Behavioral Neuroscience, 2013, 7, 188.	1.0	24
36	Analysis of Grey Matter in Thalamus and Basal Ganglia Based on EEG Î±3/Î±2 Frequency Ratio Reveals Specific Changes in Subjects with Mild Cognitive Impairment. ASN Neuro, 2012, 4, AN20120058.	1.5	21

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37	EEG markers are associated to gray matter changes in thalamus and basal ganglia in subjects with mild cognitive impairment. NeuroImage, 2012, 60, 489-496.	2.1	48
38	Quantitative EEG Markers in Mild Cognitive Impairment: Degenerative versus Vascular Brain Impairment. International Journal of Alzheimer's Disease, 2012, 2012, 1-12.	1.1	44
39	Specific EEG Changes Associated with Atrophy of Hippocampus in Subjects with Mild Cognitive Impairment and Alzheimer's Disease. International Journal of Alzheimer's Disease, 2012, 2012, 1-8.	1.1	46
40	MCI patientsâ€™ EEGs show group differences between those who progress and those who do not progress to AD. Neurobiology of Aging, 2011, 32, 563-571.	1.5	98
41	Volumetric Differences in Mapped Hippocampal Regions Correlate with Increase of High Alpha Rhythm in Alzheimer's Disease. International Journal of Alzheimer's Disease, 2011, 2011, 1-7.	1.1	30
42	Anatomical Substrate and Scalp EEG Markers are Correlated in Subjects with Cognitive Impairment and Alzheimer's Disease. Frontiers in Psychiatry, 2011, 1, 152.	1.3	33
43	EEG Markers Discriminate Among Different Subgroup of Patients With Mild Cognitive Impairment. American Journal of Alzheimer's Disease and Other Dementias, 2010, 25, 58-73.	0.9	35
44	Progranulin Leu271LeufsX10 is one of the most common FTLD and CBS associated mutations worldwide. Neurobiology of Disease, 2009, 33, 379-385.	2.1	107
45	Increase of theta/gamma ratio is associated with memory impairment. Clinical Neurophysiology, 2009, 120, 295-303.	0.7	87
46	Increasing Hippocampal Atrophy and Cerebrovascular Damage Is Differently Associated With Functional Cortical Coupling in MCI Patients. Alzheimer Disease and Associated Disorders, 2009, 23, 323-332.	0.6	23
47	Increase of Theta/Gamma and Alpha3/Alpha2 Ratio is Associated with Amygdalo-Hippocampal Complex Atrophy. Journal of Alzheimer's Disease, 2009, 17, 349-357.	1.2	56
48	Brain Vascular Damage of Cholinergic Pathways and EEG Markers in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2008, 15, 357-372.	1.2	44
49	Cerebrovascular Disease and Hippocampal Atrophy Are Differently Linked to Functional Coupling of Brain Areas: An EEG Coherence Study in MCI Subjects. Journal of Alzheimer's Disease, 2008, 14, 285-299.	1.2	57
50	Vascular damage and EEG markers in subjects with mild cognitive impairment. Clinical Neurophysiology, 2007, 118, 1866-1876.	0.7	66
51	Hippocampal atrophy and EEG markers in subjects with mild cognitive impairment. Clinical Neurophysiology, 2007, 118, 2716-2729.	0.7	78
52	Donepezil effects on sources of cortical rhythms in mild Alzheimer's disease: Responders vs. Non-Responders. NeuroImage, 2006, 31, 1650-1665.	2.1	97
53	Sources of cortical rhythms change as a function of cognitive impairment in pathological aging: a multicenter study. Clinical Neurophysiology, 2006, 117, 252-268.	0.7	260
54	Alpha rhythms in mild dements during visual delayed choice reaction time tasks: A MEG study. Brain Research Bulletin, 2005, 65, 457-470.	1.4	35

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55	Abnormal fronto-parietal coupling of brain rhythms in mild Alzheimer's disease: a multicentric EEG study. European Journal of Neuroscience, 2004, 19, 2583-2590.	1.2	137
56	Synchronization of gamma oscillations increases functional connectivity of human hippocampus and inferior-middle temporal cortex during repetitive visuomotor events. European Journal of Neuroscience, 2004, 19, 3088-3098.	1.2	19
57	Human cortical responses during one-bit short-term memory. A high-resolution EEG study on delayed choice reaction time tasks. Clinical Neurophysiology, 2004, 115, 161-170.	0.7	60
58	Human cortical rhythms during visual delayed choice reaction time tasks. Behavioural Brain Research, 2004, 153, 261-271.	1.2	52
59	Cortical alpha rhythms in mild Alzheimer's disease. A multicentric EEG study. International Congress Series, 2004, 1270, 44-49.	0.2	3
60	Individual analysis of EEG frequency and band power in mild Alzheimer's disease. Clinical Neurophysiology, 2004, 115, 299-308.	0.7	311
61	Mapping distributed sources of cortical rhythms in mild Alzheimer's disease. A multicentric EEG study. NeuroImage, 2004, 22, 57-67.	2.1	253
62	Human cortical EEG rhythms during long-term episodic memory task. A high-resolution EEG study of the HERA model. NeuroImage, 2004, 21, 1576-1584.	2.1	66
63	Cortical Networks Generating Movement-Related EEG Rhythms in Alzheimer's Disease: An EEG Coherence Study.. Behavioral Neuroscience, 2004, 118, 698-706.	0.6	22
64	Transient human cortical responses during the observation of simple finger movements: A high-resolution EEG study. Human Brain Mapping, 2003, 20, 148-157.	1.9	16
65	Computerized processing of EEGâ€“EOGâ€“EMG artifacts for multi-centric studies in EEG oscillations and event-related potentials. International Journal of Psychophysiology, 2003, 47, 199-216.	0.5	238
66	Shall I Move My Right or My Left Hand?. Journal of Psychophysiology, 2003, 17, 69-86.	0.3	6
67	Chapter 55 High resolution EEG of sensorimotor brain functions: mapping ERPs or mu ERD?. Supplements To Clinical Neurophysiology, 2002, 54, 365-371.	2.1	2
68	Chapter 42 Quantitative EEG: modeling time, space, and phase of brain oscillatory activity. Supplements To Clinical Neurophysiology, 2002, , 284-288.	2.1	2
69	Human Cortical Electroencephalography (EEG) Rhythms during the Observation of Simple Aimless Movements: A High-Resolution EEG Study. NeuroImage, 2002, 17, 559-572.	2.1	198
70	Human cortical electroencephalography (EEG) rhythms during the observation of simple aimless movements: a high-resolution EEG study. NeuroImage, 2002, 17, 559-72.	2.1	74
71	Chronic bilateral electrical stimulation of the subthalamic nucleus for the treatment of advanced Parkinson's disease. Neurological Sciences, 2001, 22, 57-58.	0.9	27