

Claudio C Babiloni

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4907141/publications.pdf>

Version: 2024-02-01

358
papers

18,299
citations

9786

73
h-index

22166

113
g-index

377
all docs

377
docs citations

377
times ranked

14356
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical neurophysiology of aging brain: From normal aging to neurodegeneration. <i>Progress in Neurobiology</i> , 2007, 83, 375-400.	5.7	428
2	Frontoparietal Cortex Controls Spatial Attention through Modulation of Anticipatory Alpha Rhythms. <i>Journal of Neuroscience</i> , 2009, 29, 5863-5872.	3.6	411
3	Estimation of the cortical functional connectivity with the multimodal integration of high-resolution EEG and fMRI data by directed transfer function. <i>NeuroImage</i> , 2005, 24, 118-131.	4.2	362
4	Human Movement-Related Potentials vs Desynchronization of EEG Alpha Rhythm: A High-Resolution EEG Study. <i>NeuroImage</i> , 1999, 10, 658-665.	4.2	313
5	Individual analysis of EEG frequency and band power in mild Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2004, 115, 299-308.	1.5	311
6	Perspectives on ethnic and racial disparities in Alzheimer's disease and related dementias: Update and areas of immediate need. <i>Alzheimer's and Dementia</i> , 2019, 15, 292-312.	0.8	310
7	Brain neural synchronization and functional coupling in Alzheimer's disease as revealed by resting state EEG rhythms. <i>International Journal of Psychophysiology</i> , 2016, 103, 88-102.	1.0	262
8	Sources of cortical rhythms change as a function of cognitive impairment in pathological aging: a multicenter study. <i>Clinical Neurophysiology</i> , 2006, 117, 252-268.	1.5	260
9	Prefrontal cortex in long-term memory: an "interference" approach using magnetic stimulation. <i>Nature Neuroscience</i> , 2001, 4, 948-952.	14.8	259
10	Mapping distributed sources of cortical rhythms in mild Alzheimer's disease. A multicentric EEG study. <i>NeuroImage</i> , 2004, 22, 57-67.	4.2	253
11	Sources of cortical rhythms in adults during physiological aging: A multicentric EEG study. <i>Human Brain Mapping</i> , 2006, 27, 162-172.	3.6	253
12	Conversion from mild cognitive impairment to Alzheimer's disease is predicted by sources and coherence of brain electroencephalography rhythms. <i>Neuroscience</i> , 2006, 143, 793-803.	2.3	242
13	Computerized processing of EEG "EOG" EMG artifacts for multi-centric studies in EEG oscillations and event-related potentials. <i>International Journal of Psychophysiology</i> , 2003, 47, 199-216.	1.0	238
14	Spline Laplacian estimate of EEG potentials over a realistic magnetic resonance-constructed scalp surface model. <i>Electroencephalography and Clinical Neurophysiology</i> , 1996, 98, 363-373.	0.3	237
15	Human Cortical Electroencephalography (EEG) Rhythms during the Observation of Simple Aimless Movements: A High-Resolution EEG Study. <i>NeuroImage</i> , 2002, 17, 559-572.	4.2	198
16	Influence of the supplementary motor area on primary motor cortex excitability during movements triggered by neutral or emotionally unpleasant visual cues. <i>Experimental Brain Research</i> , 2003, 149, 214-221.	1.5	179
17	Age-Related Functional Changes of Prefrontal Cortex in Long-Term Memory: A Repetitive Transcranial Magnetic Stimulation Study. <i>Journal of Neuroscience</i> , 2004, 24, 7939-7944.	3.6	171
18	International Federation of Clinical Neurophysiology (IFCN) " EEG research workgroup: Recommendations on frequency and topographic analysis of resting state EEG rhythms. Part 1: Applications in clinical research studies. <i>Clinical Neurophysiology</i> , 2020, 131, 285-307.	1.5	164

#	ARTICLE	IF	CITATIONS
19	“Neural efficiency” of experts’ brain during judgment of actions: A high-resolution EEG study in elite and amateur karate athletes. <i>Behavioural Brain Research</i> , 2010, 207, 466-475.	2.2	160
20	Fronto-parietal coupling of brain rhythms in mild cognitive impairment: A multicentric EEG study. <i>Brain Research Bulletin</i> , 2006, 69, 63-73.	3.0	159
21	Frontal white matter volume and delta EEG sources negatively correlate in awake subjects with mild cognitive impairment and Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2006, 117, 1113-1129.	1.5	150
22	What electrophysiology tells us about Alzheimer's disease: a window into the synchronization and connectivity of brain neurons. <i>Neurobiology of Aging</i> , 2020, 85, 58-73.	3.1	150
23	Hippocampal volume and cortical sources of EEG alpha rhythms in mild cognitive impairment and Alzheimer disease. <i>NeuroImage</i> , 2009, 44, 123-135.	4.2	145
24	Pre- and Poststimulus Alpha Rhythms Are Related to Conscious Visual Perception: A High-Resolution EEG Study. <i>Cerebral Cortex</i> , 2005, 16, 1690-1700.	2.9	143
25	Resting state cortical electroencephalographic rhythms are related to gray matter volume in subjects with mild cognitive impairment and Alzheimer's disease. <i>Human Brain Mapping</i> , 2013, 34, 1427-1446.	3.6	142
26	Golf putt outcomes are predicted by sensorimotor cerebral EEG rhythms. <i>Journal of Physiology</i> , 2008, 586, 131-139.	2.9	138
27	Abnormal fronto-parietal coupling of brain rhythms in mild Alzheimer's disease: a multicentric EEG study. <i>European Journal of Neuroscience</i> , 2004, 19, 2583-2590.	2.6	137
28	“Neural efficiency” of athletes’ brain for upright standing: A high-resolution EEG study. <i>Brain Research Bulletin</i> , 2009, 79, 193-200.	3.0	136
29	Directionality of EEG synchronization in Alzheimer's disease subjects. <i>Neurobiology of Aging</i> , 2009, 30, 93-102.	3.1	132
30	Multimodal integration of high-resolution EEG and functional magnetic resonance imaging data: a simulation study. <i>NeuroImage</i> , 2003, 19, 1-15.	4.2	126
31	Visuo-attentional and sensorimotor alpha rhythms are related to visuo-motor performance in athletes. <i>Human Brain Mapping</i> , 2009, 30, 3527-3540.	3.6	126
32	Resting state cortical EEG rhythms in Alzheimer's disease. <i>Supplements To Clinical Neurophysiology</i> , 2013, 62, 223-236.	2.1	123
33	Revolution of Alzheimer Precision Neurology. <i>Passageway of Systems Biology and Neurophysiology. Journal of Alzheimer's Disease</i> , 2018, 64, S47-S105.	2.6	122
34	Plasma amyloid β 40/42 ratio predicts cerebral amyloidosis in cognitively normal individuals at risk for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 764-775.	0.8	122
35	Disease Tracking Markers for Alzheimer's Disease at the Prodromal (MCI) Stage. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 159-199.	2.6	120
36	Alpha, beta and gamma electrocorticographic rhythms in somatosensory, motor, premotor and prefrontal cortical areas differ in movement execution and observation in humans. <i>Clinical Neurophysiology</i> , 2016, 127, 641-654.	1.5	119

#	ARTICLE	IF	CITATIONS
37	Is there a "neural efficiency" in athletes? A high-resolution EEG study. <i>NeuroImage</i> , 2008, 42, 1544-1553.	4.2	116
38	High resolution EEG: a new model-dependent spatial deblurring method using a realistically-shaped MR-constructed subject's head model. <i>Electroencephalography and Clinical Neurophysiology</i> , 1997, 102, 69-80.	0.3	114
39	Sub-second "temporal attention" modulates alpha rhythms. A high-resolution EEG study. <i>Cognitive Brain Research</i> , 2004, 19, 259-268.	3.0	114
40	Assessing cortical functional connectivity by linear inverse estimation and directed transfer function: simulations and application to real data. <i>Clinical Neurophysiology</i> , 2005, 116, 920-932.	1.5	114
41	Spatial enhancement of EEG data by surface Laplacian estimation: the use of magnetic resonance imaging-based head models. <i>Clinical Neurophysiology</i> , 2001, 112, 724-727.	1.5	113
42	Performances of surface Laplacian estimators: A study of simulated and real scalp potential distributions. <i>Brain Topography</i> , 1995, 8, 35-45.	1.8	107
43	Judgment of actions in experts: A high-resolution EEG study in elite athletes. <i>NeuroImage</i> , 2009, 45, 512-521.	4.2	107
44	Brains "in concert": Frontal oscillatory alpha rhythms and empathy in professional musicians. <i>NeuroImage</i> , 2012, 60, 105-116.	4.2	105
45	Anticipatory Electroencephalography Alpha Rhythm Predicts Subjective Perception of Pain Intensity. <i>Journal of Pain</i> , 2006, 7, 709-717.	1.4	101
46	Resting EEG sources correlate with attentional span in mild cognitive impairment and Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2007, 25, 3742-3757.	2.6	101
47	Human secondary somatosensory cortex is involved in the processing of somatosensory rare stimuli: An fMRI study. <i>NeuroImage</i> , 2008, 40, 1765-1771.	4.2	100
48	Prefrontal and parietal cortex in human episodic memory: an interference study by repetitive transcranial magnetic stimulation. <i>European Journal of Neuroscience</i> , 2006, 23, 793-800.	2.6	98
49	Donepezil effects on sources of cortical rhythms in mild Alzheimer's disease: Responders vs. Non-Responders. <i>NeuroImage</i> , 2006, 31, 1650-1665.	4.2	97
50	Chapter 5 Fundamentals of Electroencefalography, Magnetoencefalography, and Functional Magnetic Resonance Imaging. <i>International Review of Neurobiology</i> , 2009, 86, 67-80.	2.0	97
51	Cortical sources of resting EEG rhythms in mild cognitive impairment and subjective memory complaint. <i>Neurobiology of Aging</i> , 2010, 31, 1787-1798.	3.1	97
52	Functional Frontoparietal Connectivity During Short-Term Memory as Revealed by High-Resolution EEG Coherence Analysis. <i>Behavioral Neuroscience</i> , 2004, 118, 687-697.	1.2	95
53	Linear inverse source estimate of combined EEG and MEG data related to voluntary movements. <i>Human Brain Mapping</i> , 2001, 14, 197-209.	3.6	93
54	Changes in fronto-posterior functional coupling at sleep onset in humans. <i>Journal of Sleep Research</i> , 2004, 13, 209-217.	3.2	93

#	ARTICLE	IF	CITATIONS
55	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
56	Estimation of the effective and functional human cortical connectivity with structural equation modeling and directed transfer function applied to high-resolution EEG. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1457-1470.	1.8	92
57	Apolipoprotein E and alpha brain rhythms in mild cognitive impairment: A multicentric Electroencephalogram study. <i>Annals of Neurology</i> , 2006, 59, 323-334.	5.3	92
58	Measuring Cortical Connectivity in Alzheimer's Disease as a Brain Neural Network Pathology: Toward Clinical Applications. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 138-163.	1.8	92
59	Movement-related desynchronization of alpha rhythms is lower in athletes than non-athletes: A high-resolution EEG study. <i>Clinical Neurophysiology</i> , 2010, 121, 482-491.	1.5	91
60	Cortical sources of resting state electroencephalographic rhythms in Parkinson's disease related dementia and Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2011, 122, 2355-2364.	1.5	91
61	Inhibition of auditory cortical responses to ipsilateral stimuli during dichotic listening: evidence from magnetoencephalography. <i>European Journal of Neuroscience</i> , 2004, 19, 2329-2336.	2.6	90
62	Is it possible to automatically distinguish resting EEG data of normal elderly vs. mild cognitive impairment subjects with high degree of accuracy?. <i>Clinical Neurophysiology</i> , 2008, 119, 1534-1545.	1.5	85
63	Human cortical activity related to unilateral movements. A high resolution EEG study. <i>NeuroReport</i> , 1996, 8, 203-206.	1.2	84
64	Functional topography of the secondary somatosensory cortex for nonpainful and painful stimuli: an fMRI study. <i>NeuroImage</i> , 2003, 20, 1625-1638.	4.2	82
65	Elevated response of human amygdala to neutral stimuli in mild post traumatic stress disorder: neural correlates of generalized emotional response. <i>Neuroscience</i> , 2010, 168, 670-679.	2.3	82
66	Multimodal integration of EEG, MEG and fMRI data for the solution of the neuroimage puzzle. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1471-1476.	1.8	81
67	Anticipatory cortical responses during the expectancy of a predictable painful stimulation. A high-resolution electroencephalography study. <i>European Journal of Neuroscience</i> , 2003, 18, 1692-1700.	2.6	80
68	Information and communication technology solutions for outdoor navigation in dementia. <i>Alzheimer's and Dementia</i> , 2016, 12, 695-707.	0.8	80
69	Functional and effective brain connectivity for discrimination between Alzheimer's patients and healthy individuals: A study on resting state EEG rhythms. <i>Clinical Neurophysiology</i> , 2017, 128, 667-680.	1.5	79
70	Sex differences in functional and molecular neuroimaging biomarkers of Alzheimer's disease in cognitively normal older adults with subjective memory complaints. <i>Alzheimer's and Dementia</i> , 2018, 14, 1204-1215.	0.8	79
71	Functional frontoparietal connectivity during encoding and retrieval processes follows HERA model. <i>Brain Research Bulletin</i> , 2006, 68, 203-212.	3.0	78
72	Dynamic functional coupling of high resolution EEG potentials related to unilateral internally triggered one-digit movements. <i>Electroencephalography and Clinical Neurophysiology</i> , 1998, 106, 477-487.	0.3	77

#	ARTICLE	IF	CITATIONS
73	High-resolution electro-encephalogram: source estimates of Laplacian-transformed somatosensory-evoked potentials using a realistic subject head model constructed from magnetic resonance images. <i>Medical and Biological Engineering and Computing</i> , 2000, 38, 512-519.	2.8	77
74	Movement-Related Electroencephalographic Reactivity in Alzheimer Disease. <i>NeuroImage</i> , 2000, 12, 139-146.	4.2	77
75	Electroencephalographic Rhythms in Alzheimer's Disease. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-11.	2.0	77
76	Effects of acetylcholinesterase inhibitors and memantine on resting-state electroencephalographic rhythms in Alzheimer's disease patients. <i>Clinical Neurophysiology</i> , 2013, 124, 837-850.	1.5	77
77	Genotype (cystatin C) and EEG phenotype in Alzheimer disease and mild cognitive impairment: A multicentric study. <i>NeuroImage</i> , 2006, 29, 948-964.	4.2	76
78	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
79	Hemispherical Asymmetry in Human SMA During Voluntary Simple Unilateral Movements. An fMRI Study. <i>Cortex</i> , 2003, 39, 293-305.	2.4	75
80	Mapping of early and late human somatosensory evoked brain potentials to phasic galvanic painful stimulation. <i>Human Brain Mapping</i> , 2001, 12, 168-179.	3.6	74
81	Human brain oscillatory activity phase-locked to painful electrical stimulations: A multi-channel EEG study. <i>Human Brain Mapping</i> , 2002, 15, 112-123.	3.6	74
82	Human cortical electroencephalography (EEG) rhythms during the observation of simple aimless movements: a high-resolution EEG study. <i>NeuroImage</i> , 2002, 17, 559-72.	4.2	74
83	Improved realistic Laplacian estimate of highly-sampled EEG potentials by regularization techniques. <i>Electroencephalography and Clinical Neurophysiology</i> , 1998, 106, 336-343.	0.3	73
84	Classification of Single Normal and Alzheimer's Disease Individuals from Cortical Sources of Resting State EEG Rhythms. <i>Frontiers in Neuroscience</i> , 2016, 10, 47.	2.8	73
85	Anticipation of somatosensory and motor events increases centro-parietal functional coupling: An EEG coherence study. <i>Clinical Neurophysiology</i> , 2006, 117, 1000-1008.	1.5	72
86	Mobile phone emission modulates interhemispheric functional coupling of EEG alpha rhythms. <i>European Journal of Neuroscience</i> , 2007, 25, 1908-1913.	2.6	72
87	The IFAST model, a novel parallel nonlinear EEG analysis technique, distinguishes mild cognitive impairment and Alzheimer's disease patients with high degree of accuracy. <i>Artificial Intelligence in Medicine</i> , 2007, 40, 127-141.	6.5	72
88	Cortical Sources of Resting State EEG Rhythms are Sensitive to the Progression of Early Stage Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 1015-1035.	2.6	72
89	Visuo-spatial Consciousness and Parieto-occipital Areas: A High-resolution EEG Study. <i>Cerebral Cortex</i> , 2006, 16, 37-46.	2.9	71
90	Differential Contribution of Right and Left Parietal Cortex to the Control of Spatial Attention: A Simultaneous EEG-rTMS Study. <i>Cerebral Cortex</i> , 2012, 22, 446-454.	2.9	71

#	ARTICLE	IF	CITATIONS
91	Lateralization of Dichotic Speech Stimuli is Based on Specific Auditory Pathway Interactions: Neuromagnetic Evidence. <i>Cerebral Cortex</i> , 2007, 17, 2303-2311.	2.9	70
92	Simultaneous recording of electroencephalographic data in musicians playing in ensemble. <i>Cortex</i> , 2011, 47, 1082-1090.	2.4	70
93	Antero-posterior functional coupling at sleep onset: changes as a function of increased sleep pressure. <i>Brain Research Bulletin</i> , 2005, 65, 133-140.	3.0	69
94	Cortical sources of resting-state alpha rhythms are abnormal in persistent vegetative state patients. <i>Clinical Neurophysiology</i> , 2009, 120, 719-729.	1.5	69
95	Comparison between SI and SII responses as a function of stimulus intensity. <i>NeuroReport</i> , 2002, 13, 813-819.	1.2	68
96	Resting State Cortical Rhythms in Mild Cognitive Impairment and Alzheimer's Disease: Electroencephalographic Evidence. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 201-214.	2.6	68
97	Responses of human primary sensorimotor and supplementary motor areas to internally triggered unilateral and simultaneous bilateral oneâ€digit movements. A highâ€resolution EEG study. <i>European Journal of Neuroscience</i> , 1998, 10, 765-770.	2.6	67
98	Mobile phone emission modulates inter-hemispheric functional coupling of EEG alpha rhythms in elderly compared to young subjects. <i>Clinical Neurophysiology</i> , 2010, 121, 163-171.	1.5	67
99	Intra-hemispheric functional coupling of alpha rhythms is related to golfer's performance: A coherence EEG study. <i>International Journal of Psychophysiology</i> , 2011, 82, 260-268.	1.0	67
100	Human cortical EEG rhythms during long-term episodic memory task. A high-resolution EEG study of the HERA model. <i>NeuroImage</i> , 2004, 21, 1576-1584.	4.2	66
101	Resting state cortical rhythms in athletes: A high-resolution EEG study. <i>Brain Research Bulletin</i> , 2010, 81, 149-156.	3.0	66
102	Reactivity of Cortical Alpha Rhythms to Eye Opening in Mild Cognitive Impairment and Alzheimer's Disease: an EEG Study. <i>Journal of Alzheimer's Disease</i> , 2011, 22, 1047-1064.	2.6	66
103	Functional coupling of parietal alpha rhythms is enhanced in athletes before visuomotor performance: a coherence electroencephalographic study. <i>Neuroscience</i> , 2011, 175, 198-211.	2.3	65
104	Estimation of the Cortical Connectivity by High-Resolution EEG and Structural Equation Modeling: Simulations and Application to Finger Tapping Data. <i>IEEE Transactions on Biomedical Engineering</i> , 2005, 52, 757-768.	4.2	64
105	Whiteâ€matter lesions along the cholinergic tracts are related to cortical sources of EEG rhythms in amnesic mild cognitive impairment. <i>Human Brain Mapping</i> , 2009, 30, 1431-1443.	3.6	64
106	Clinical and biomarker profiling of prodromal Alzheimer's disease in workpackage 5 of the Innovative Medicines Initiative PharmaCog project: a â€European <sc>ADNI</sc> studyâ€™. <i>Journal of Internal Medicine</i> , 2016, 279, 576-591.	6.0	64
107	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
108	â€Gatingâ€ of human short-latency somatosensory evoked cortical responses during execution of movement. A high resolution electroencephalography study. <i>Brain Research</i> , 1999, 843, 161-170.	2.2	63

#	ARTICLE	IF	CITATIONS
109	Functional topography of the secondary somatosensory cortex for nonpainful and painful stimulation of median and tibial nerve: an fMRI study. <i>NeuroImage</i> , 2004, 23, 1217-1225.	4.2	63
110	Global Functional Coupling of Resting EEG Rhythms is Related to White-Matter Lesions Along the Cholinergic Tracts in Subjects with Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 859-871.	2.6	63
111	Cortical alpha rhythms are correlated with body sway during quiet open-eyes standing in athletes: A high-resolution EEG study. <i>NeuroImage</i> , 2007, 36, 822-829.	4.2	62
112	Cortical sources of resting state electroencephalographic alpha rhythms deteriorate across time in subjects with amnesic mild cognitive impairment. <i>Neurobiology of Aging</i> , 2014, 35, 130-142.	3.1	61
113	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
114	The use of EEG modifications due to motor imagery for brain-computer interfaces. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2003, 11, 131-133.	4.9	60
115	Human cortical responses during one-bit short-term memory. A high-resolution EEG study on delayed choice reaction time tasks. <i>Clinical Neurophysiology</i> , 2004, 115, 161-170.	1.5	60
116	Association between CSF biomarkers, hippocampal volume and cognitive function in patients with amnesic mild cognitive impairment (MCI). <i>Neurobiology of Aging</i> , 2017, 53, 1-10.	3.1	59
117	Temporal dynamics of alpha and beta rhythms in human SI and SII after galvanic median nerve stimulation. A MEG study. <i>NeuroImage</i> , 2004, 22, 1438-1446.	4.2	58
118	Free copper and resting temporal EEG rhythms correlate across healthy, mild cognitive impairment, and Alzheimer's disease subjects. <i>Clinical Neurophysiology</i> , 2007, 118, 1244-1260.	1.5	58
119	Hippocampal, amygdala, and neocortical synchronization of theta rhythms is related to an immediate recall during rey auditory verbal learning test. <i>Human Brain Mapping</i> , 2009, 30, 2077-2089.	3.6	56
120	Resting state eyes-closed cortical rhythms in patients with locked-in-syndrome: An eeg study. <i>Clinical Neurophysiology</i> , 2010, 121, 1816-1824.	1.5	55
121	Use of nonintrusive sensor-based information and communication technology for real-world evidence for clinical trials in dementia. <i>Alzheimer's and Dementia</i> , 2018, 14, 1216-1231.	0.8	55
122	Somatotopy of anterior cingulate cortex (ACC) and supplementary motor area (SMA) for electric stimulation of the median and tibial nerves: An fMRI study. <i>NeuroImage</i> , 2006, 33, 700-705.	4.2	54
123	White matter vascular lesions are related to parietal-frontal coupling of EEG rhythms in mild cognitive impairment. <i>Human Brain Mapping</i> , 2008, 29, 1355-1367.	3.6	53
124	Cortical sources of resting state EEG rhythms are related to brain hypometabolism in subjects with Alzheimer's disease: an EEG-PET study. <i>Neurobiology of Aging</i> , 2016, 48, 122-134.	3.1	53
125	Human cortical rhythms during visual delayed choice reaction time tasks. <i>Behavioural Brain Research</i> , 2004, 153, 261-271.	2.2	52
126	Multimodal integration of EEG and MEG data: A simulation study with variable signal-to-noise ratio and number of sensors. <i>Human Brain Mapping</i> , 2004, 22, 52-62.	3.6	51

#	ARTICLE	IF	CITATIONS
127	Right hemisphere specialization for intensity discrimination of musical and speech sounds. <i>Neuropsychologia</i> , 2005, 43, 1916-1923.	1.6	51
128	Cortical EEG alpha rhythms reflect task-specific somatosensory and motor interactions in humans. <i>Clinical Neurophysiology</i> , 2014, 125, 1936-1945.	1.5	51
129	Classification of Healthy Subjects and Alzheimer's Disease Patients with Dementia from Cortical Sources of Resting State EEG Rhythms: A Study Using Artificial Neural Networks. <i>Frontiers in Neuroscience</i> , 2016, 10, 604.	2.8	51
130	Brain imaging and human nutrition: which measures to use in intervention studies?. <i>British Journal of Nutrition</i> , 2013, 110, S1-S30.	2.3	50
131	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
132	Cortical brain responses during passive nonpainful median nerve stimulation at low frequencies (0.5-4 Hz): An fMRI study. <i>Human Brain Mapping</i> , 2007, 28, 645-653.	3.6	49
133	White-matter vascular lesions correlate with alpha EEG sources in mild cognitive impairment. <i>Neuropsychologia</i> , 2008, 46, 1707-1720.	1.6	49
134	Reactivity of alpha rhythms to eyes opening is lower in athletes than non-athletes: A high-resolution EEG study. <i>International Journal of Psychophysiology</i> , 2011, 82, 240-247.	1.0	48
135	Resting State Cortical Electroencephalographic Rhythms and White Matter Vascular Lesions in Subjects with Alzheimer's Disease: An Italian Multicenter Study. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 331-346.	2.6	48
136	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
137	The I.F.A.S.T. Model Allows the Prediction of Conversion to Alzheimer Disease in Patients with Mild Cognitive Impairment with High Degree of Accuracy. <i>Current Alzheimer Research</i> , 2010, 7, 173-187.	1.4	45
138	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
139	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
140	Association of cerebrospinal fluid τ_{181} with total and phosphorylated tau protein concentrations and brain amyloid load in cognitively normal subjective memory complainers stratified by Alzheimer's disease biomarkers. <i>Alzheimer's and Dementia</i> , 2018, 14, 1623-1631.	0.8	45
141	Measuring network disruption in neurodegenerative diseases: New approaches using signal analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 1011-1020.	1.9	45
142	Alpha Event-Related Desynchronization Preceding a Go/No-Go Task: A High-Resolution EEG Study. <i>Neuropsychologia</i> , 2004, 42, 719-728.	1.3	43
143	Distraction affects frontal alpha rhythms related to expectancy of pain: An EEG study. <i>NeuroImage</i> , 2006, 31, 1268-1277.	4.2	43
144	Hypothalamus, sexual arousal and psychosexual identity in human males: a functional magnetic resonance imaging study. <i>European Journal of Neuroscience</i> , 2008, 27, 2922-2927.	2.6	43

#	ARTICLE	IF	CITATIONS
145	Heart rate variability is reduced in underweight and overweight healthy adult women. <i>Clinical Physiology and Functional Imaging</i> , 2017, 37, 162-167.	1.2	43
146	Differential default mode network trajectories in asymptomatic individuals at risk for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 940-950.	0.8	43
147	Microglia modulate hippocampal synaptic transmission and sleep duration along the light/dark cycle. <i>Glia</i> , 2022, 70, 89-105.	4.9	43
148	Nociceptive and non-nociceptive sub-regions in the human secondary somatosensory cortex: An MEG study using fMRI constraints. <i>NeuroImage</i> , 2005, 26, 48-56.	4.2	42
149	Subjective pain perception mediated by alpha rhythms. <i>Biological Psychology</i> , 2015, 109, 141-150.	2.2	42
150	Stability of clinical condition in mild cognitive impairment is related to cortical sources of alpha rhythms: An electroencephalographic study. <i>Human Brain Mapping</i> , 2011, 32, 1916-1931.	3.6	41
151	Electrophysiological Correlates of Stimulus-driven Reorienting Deficits after Interference with Right Parietal Cortex during a Spatial Attention Task: A TMS-EEG Study. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 2363-2371.	2.3	41
152	Resting-state Modulation of Alpha Rhythms by Interference with Angular Gyrus Activity. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 107-119.	2.3	41
153	Cortical sources of resting state EEG rhythms are abnormal in dyslexic children. <i>Clinical Neurophysiology</i> , 2012, 123, 2384-2391.	1.5	40
154	Cortical Network Topology in Prodromal and Mild Dementia Due to Alzheimer's Disease: Graph Theory Applied to Resting State EEG. <i>Brain Topography</i> , 2019, 32, 127-141.	1.8	40
155	Inhibitory effect of voluntary movement preparation on cutaneous heat pain and laser-evoked potentials. <i>European Journal of Neuroscience</i> , 2007, 25, 1900-1907.	2.6	39
156	An observational study on the influence of the APOE- ϵ 4 allele on the correlation between "free" copper toxicosis and EEG activity in Alzheimer disease. <i>Brain Research</i> , 2008, 1215, 183-189.	2.2	39
157	Cortical Alpha Rhythms Are Related to the Anticipation of Sensorimotor Interaction Between Painful Stimuli and Movements: A High-Resolution EEG Study. <i>Journal of Pain</i> , 2008, 9, 902-911.	1.4	39
158	Frontal delta event-related oscillations relate to frontal volume in mild cognitive impairment and healthy controls. <i>International Journal of Psychophysiology</i> , 2016, 103, 110-117.	1.0	39
159	Early Changes in Alpha Band Power and DMN BOLD Activity in Alzheimer's Disease: A Simultaneous Resting State EEG-fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 319.	3.4	38
160	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
161	Toward noninvasive brain stimulation 2.0 in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2022, 75, 101555.	10.9	37
162	"Gating" effects of simultaneous peripheral electrical stimulations on human secondary somatosensory cortex: a whole-head MEG study. <i>NeuroImage</i> , 2003, 20, 1704-1713.	4.2	35

#	ARTICLE	IF	CITATIONS
163	Attentional processes and cognitive performance during expectancy of painful galvanic stimulations: a high-resolution EEG study. <i>Behavioural Brain Research</i> , 2003, 152, 137-47.	2.2	35
164	Alpha rhythms in mild demented during visual delayed choice reaction time tasks: A MEG study. <i>Brain Research Bulletin</i> , 2005, 65, 457-470.	3.0	35
165	Homocysteine and electroencephalographic rhythms in Alzheimer disease: A multicentric study. <i>Neuroscience</i> , 2007, 145, 942-954.	2.3	34
166	Visual event-related potentials in elite and amateur athletes. <i>Brain Research Bulletin</i> , 2007, 74, 104-112.	3.0	34
167	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
168	Mobile phone emission increases inter-hemispheric functional coupling of electroencephalographic alpha rhythms in epileptic patients. <i>International Journal of Psychophysiology</i> , 2012, 84, 164-171.	1.0	33
169	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
170	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
171	Basal Forebrain Volume, but Not Hippocampal Volume, Is a Predictor of Global Cognitive Decline in Patients With Alzheimer's Disease Treated With Cholinesterase Inhibitors. <i>Frontiers in Neurology</i> , 2018, 9, 642.	2.4	32
172	Cortical Sensorimotor Interactions During the Expectancy of a Go/No-Go Task: Effects of Painful Stimuli. <i>Behavioral Neuroscience</i> , 2004, 118, 925-935.	1.2	31
173	Neuromagnetic functional coupling during dichotic listening of speech sounds. <i>Human Brain Mapping</i> , 2008, 29, 253-264.	3.6	31
174	Ibuprofen treatment modifies cortical sources of EEG rhythms in mild Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2009, 120, 709-718.	1.5	30
175	Cortical responses to consciousness of schematic emotional facial expressions: A high-resolution EEG study. <i>Human Brain Mapping</i> , 2010, 31, 1556-1569.	3.6	30
176	Effects of somatosensory stimulation and attention on human somatosensory cortex: An fMRI study. <i>NeuroImage</i> , 2010, 53, 181-188.	4.2	30
177	Resting state Rolandic mu rhythms are related to activity of sympathetic component of autonomic nervous system in healthy humans. <i>International Journal of Psychophysiology</i> , 2016, 103, 79-87.	1.0	30
178	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
179	Stacked autoencoders as new models for an accurate Alzheimer's disease classification support using resting-state EEG and MRI measurements. <i>Clinical Neurophysiology</i> , 2021, 132, 232-245.	1.5	30
180	Frontal attentional responses to food size are abnormal in obese subjects: An electroencephalographic study. <i>Clinical Neurophysiology</i> , 2009, 120, 1441-1448.	1.5	29

#	ARTICLE	IF	CITATIONS
181	Mobile phone emission modulates event-related desynchronization of alpha rhythms and cognitive motor performance in healthy humans. <i>Clinical Neurophysiology</i> , 2012, 123, 121-128.	1.5	29
182	Human cortical responses during one-bit delayed-response tasks: An fMRI study. <i>Brain Research Bulletin</i> , 2005, 65, 383-390.	3.0	28
183	Human Neural Systems for Conceptual Knowledge of Proper Object Use: A Functional Magnetic Resonance Imaging Study. <i>Cerebral Cortex</i> , 2007, 17, 2744-2751.	2.9	28
184	Pre-stimulus alpha rhythms are correlated with post-stimulus sensorimotor performance in athletes and non-athletes: A high-resolution EEG study. <i>Clinical Neurophysiology</i> , 2007, 118, 1711-1720.	1.5	27
185	Functional coupling between anterior prefrontal cortex (BA10) and hand muscle contraction during intentional and imitative motor acts. <i>NeuroImage</i> , 2008, 39, 1314-1323.	4.2	27
186	Temporal pattern of pre-shooting psycho-physiological states in elite athletes: A probabilistic approach. <i>Psychology of Sport and Exercise</i> , 2012, 13, 91-98.	2.1	27
187	Brain Networks are Independently Modulated by Donepezil, Sleep, and Sleep Deprivation. <i>Brain Topography</i> , 2018, 31, 380-391.	1.8	27
188	Global Functional Coupling of Resting EEG Rhythms is Abnormal in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Psychophysiology</i> , 2009, 23, 224-234.	0.7	27
189	Gamma synchronization in human primary somatosensory cortex as revealed by somatosensory evoked neuromagnetic fields. <i>Brain Research</i> , 2003, 986, 63-70.	2.2	26
190	Coupling Between "Hand" Primary Sensorimotor Cortex and Lower Limb Muscles After Ulnar Nerve Surgical Transfer in Paraplegia.. <i>Behavioral Neuroscience</i> , 2004, 118, 214-222.	1.2	26
191	Inter-hemispheric functional coupling of eyes-closed resting EEG rhythms in adolescents with Down syndrome. <i>Clinical Neurophysiology</i> , 2009, 120, 1619-1627.	1.5	26
192	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
193	Expectancy of Pain Is Influenced by Motor Preparation: A High-Resolution EEG Study of Cortical Alpha Rhythms.. <i>Behavioral Neuroscience</i> , 2005, 119, 503-511.	1.2	25
194	Human alpha rhythms during visual delayed choice reaction time tasks: A magnetoencephalography study. <i>Human Brain Mapping</i> , 2005, 24, 184-192.	3.6	25
195	Human Ventral Parietal Cortex Plays a Functional Role on Visuospatial Attention and Primary Consciousness. A Repetitive Transcranial Magnetic Stimulation Study. <i>Cerebral Cortex</i> , 2007, 17, 1486-1492.	2.9	25
196	Functional cortico-muscular coupling during upright standing in athletes and nonathletes: A coherence electroencephalographic-electromyographic study.. <i>Behavioral Neuroscience</i> , 2008, 122, 917-927.	1.2	25
197	Effects of Dietary Resveratrol on the Sleep-Wake Cycle in the Non-Human Primate Gray Mouse Lemur (<i>Microcebus murinus</i>)*. <i>Chronobiology International</i> , 2012, 29, 261-270.	2.0	25
198	Brain A β load association and sexual dimorphism of plasma BACE1 concentrations in cognitively normal individuals at risk for AD. <i>Alzheimer's and Dementia</i> , 2019, 15, 1274-1285.	0.8	25

#	ARTICLE	IF	CITATIONS
199	Topography of spatially enhanced human shortlatency somatosensory evoked potentials. <i>NeuroReport</i> , 1997, 8, 991-994.	1.2	24
200	A high resolution EEG method based on the correction of the surface Laplacian estimate for the subject's variable scalp thickness. <i>Electroencephalography and Clinical Neurophysiology</i> , 1997, 103, 486-492.	0.3	24
201	Cortical sources of EEG rhythms are abnormal in down syndrome. <i>Clinical Neurophysiology</i> , 2010, 121, 1205-1212.	1.5	24
202	Working memory of somatosensory stimuli: An fMRI study. <i>International Journal of Psychophysiology</i> , 2012, 86, 220-228.	1.0	24
203	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
204	Late-Onset Epilepsy With Unknown Etiology: A Pilot Study on Neuropsychological Profile, Cerebrospinal Fluid Biomarkers, and Quantitative EEG Characteristics. <i>Frontiers in Neurology</i> , 2020, 11, 199.	2.4	24
205	Human Cortical Electroencephalography (EEG) Rhythms during the Observation of Simple Aimless Movements: A High-Resolution EEG Study. <i>NeuroImage</i> , 2002, 17, 559-572.	4.2	24
206	Cortical sources of awake scalp EEG in eating disorders. <i>Clinical Neurophysiology</i> , 2007, 118, 1213-1222.	1.5	23
207	Cortical sources of resting-state EEG rhythms are abnormal in naïve HIV subjects. <i>Clinical Neurophysiology</i> , 2012, 123, 2163-2171.	1.5	23
208	Cortical sources of resting state electroencephalographic rhythms differ in relapsing/remitting and secondary progressive multiple sclerosis. <i>Clinical Neurophysiology</i> , 2016, 127, 581-590.	1.5	23
209	Plasma A β 42 as a Biomarker of Prodromal Alzheimer's Disease Progression in Patients with Amnesic Mild Cognitive Impairment: Evidence from the PharmaCog/E-ADNI Study. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 37-48.	2.6	23
210	Bilateral neuromagnetic activation of human primary sensorimotor cortex in preparation and execution of unilateral voluntary finger movements. <i>Brain Research</i> , 1999, 827, 234-236.	2.2	22
211	Cortical Networks Generating Movement-Related EEG Rhythms in Alzheimer's Disease: An EEG Coherence Study. <i>Behavioral Neuroscience</i> , 2004, 118, 698-706.	1.2	22
212	Direction of Information Flow in Alzheimer's Disease and MCI Patients. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-7.	2.0	22
213	The Italian Alzheimer's Disease Neuroimaging Initiative (I-ADNI): Validation of Structural MR Imaging. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 941-952.	2.6	22
214	Decrease of functional coupling between left and right auditory cortices during dichotic listening: An electroencephalography study. <i>Neuroscience</i> , 2005, 136, 323-332.	2.3	21
215	Resting state cortical electroencephalographic rhythms in subjects with normal and abnormal body weight. <i>NeuroImage</i> , 2011, 58, 698-707.	4.2	21
216	Effects of pharmacological agents, sleep deprivation, hypoxia and transcranial magnetic stimulation on electroencephalographic rhythms in rodents: Towards translational challenge models for drug discovery in Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2013, 124, 437-451.	1.5	21

#	ARTICLE	IF	CITATIONS
217	Hypercapnia affects the functional coupling of resting state electroencephalographic rhythms and cerebral haemodynamics in healthy elderly subjects and in patients with amnesic mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2014, 125, 685-693.	1.5	21
218	Biomarkers of monitoring and functional reserve of physiological systems over time in HIV: expert opinions for effective secondary prevention. <i>New Microbiologica</i> , 2018, 41, 1-25.	0.1	21
219	Stroop interference task and single-photon emission tomography in anorexia: A preliminary report. <i>International Journal of Eating Disorders</i> , 2005, 38, 323-329.	4.0	20
220	Synchronization of gamma oscillations increases functional connectivity of human hippocampus and inferior-middle temporal cortex during repetitive visuomotor events. <i>European Journal of Neuroscience</i> , 2004, 19, 3088-3098.	2.6	19
221	Pre-stimulus alpha power affects vertex N2â€P2 potentials evoked by noxious stimuli. <i>Brain Research Bulletin</i> , 2008, 75, 581-590.	3.0	19
222	Cortical sources of resting-state EEG rhythms in â€œexperiencedâ€ HIV subjects under antiretroviral therapy. <i>Clinical Neurophysiology</i> , 2014, 125, 1792-1802.	1.5	19
223	Are there consistent abnormalities in eventâ€related EEG oscillations in patients with Alzheimerâ€™s disease compared to other diseases belonging to dementia?. <i>Psychophysiology</i> , 2022, 59, e13934.	2.4	19
224	Slow cortical potential shifts preceding sensorimotor interactions. <i>Brain Research Bulletin</i> , 2005, 65, 309-316.	3.0	18
225	Directional functional coupling of cerebral rhythms between anterior cingulate and dorsolateral prefrontal areas during rare stimuli: A directed transfer function analysis of human depth EEG signal. <i>Human Brain Mapping</i> , 2009, 30, 138-146.	3.6	18
226	Is there â€œneuronal efficiencyâ€ during the processing of visuo-spatial information in male humans? An EEG study. <i>Behavioural Brain Research</i> , 2009, 205, 468-474.	2.2	18
227	Genetic Counseling and Testing for Alzheimerâ€™s Disease and Frontotemporal Lobar Degeneration: An Italian Consensus Protocol. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 277-291.	2.6	18
228	Predicting and Tracking Short Term Disease Progression in Amnesic Mild Cognitive Impairment Patients with Prodromal Alzheimerâ€™s Disease: Structural Brain Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 3-14.	2.6	18
229	Association of plasma YKL-40 with brain amyloid-Î² levels, memory performance, and sex in subjective memory complainers. <i>Neurobiology of Aging</i> , 2020, 96, 22-32.	3.1	18
230	Hyperconnectivity in Dementia Is Early and Focal and Wanes with Progression. <i>Cerebral Cortex</i> , 2021, 31, 97-105.	2.9	18
231	A Review of the Effects of Hypoxia, Sleep Deprivation and Transcranial Magnetic Stimulation on EEG Activity in Humans: Challenges for Drug Discovery for Alzheimerâ€™s Disease. <i>Current Alzheimer Research</i> , 2014, 11, 501-518.	1.4	18
232	The Implicit Function as Squashing Time Model: A Novel Parallel Nonlinear EEG Analysis Technique Distinguishing Mild Cognitive Impairment and Alzheimer's Disease Subjects with High Degree of Accuracy. <i>Computational Intelligence and Neuroscience</i> , 2007, 2007, 1-15.	1.7	17
233	Different modalities of painful somatosensory stimulations affect anticipatory cortical processes: A high-resolution EEG study. <i>Brain Research Bulletin</i> , 2007, 71, 475-484.	3.0	17
234	Sleep Deprivation Impairs Spatial Retrieval but Not Spatial Learning in the Non-Human Primate Grey Mouse Lemur. <i>PLoS ONE</i> , 2013, 8, e64493.	2.5	17

#	ARTICLE	IF	CITATIONS
235	Transient human cortical responses during the observation of simple finger movements: A high-resolution EEG study. <i>Human Brain Mapping</i> , 2003, 20, 148-157.	3.6	16
236	Directional Information Flows between Brain Hemispheres during Presleep Wake and Early Sleep Stages. <i>Cerebral Cortex</i> , 2007, 17, 1970-1978.	2.9	16
237	Abnormal cortical sources of resting state electroencephalographic rhythms in single treatment-naïve HIV individuals: A statistical z-score index. <i>Clinical Neurophysiology</i> , 2016, 127, 1803-1812.	1.5	16
238	Sensorimotor interaction between somatosensory painful stimuli and motor sequences affects both anticipatory alpha rhythms and behavior as a function of the event side. <i>Brain Research Bulletin</i> , 2010, 81, 398-405.	3.0	15
239	Passive tactile recognition of geometrical shape in humans: An fMRI study. <i>Brain Research Bulletin</i> , 2010, 83, 223-231.	3.0	15
240	Attentional cortical responses to enlarged faces are related to body fat in normal weight subjects: An electroencephalographic study. <i>Clinical Neurophysiology</i> , 2009, 120, 922-931.	1.5	14
241	Cortical sources of EEG rhythms in congestive heart failure and Alzheimer's disease. <i>International Journal of Psychophysiology</i> , 2012, 86, 98-107.	1.0	14
242	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
243	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
244	District-related frequency specificity in hand cortical representation: dynamics of regional activation and intra-regional synchronization. <i>Brain Research</i> , 2004, 1014, 80-86.	2.2	13
245	Directional information flows between brain hemispheres across waking, non-REM and REM sleep states: An EEG study. <i>Brain Research Bulletin</i> , 2009, 78, 270-275.	3.0	13
246	Attention cortical responses to enlarged faces are reduced in underweight subjects: An electroencephalographic study. <i>Clinical Neurophysiology</i> , 2011, 122, 1348-1359.	1.5	13
247	Inter-hemispherical functional coupling of EEG rhythms during the perception of facial emotional expressions. <i>Clinical Neurophysiology</i> , 2013, 124, 263-272.	1.5	13
248	Cortical inhibition of laser pain and laser-evoked potentials by non-nociceptive somatosensory input. <i>European Journal of Neuroscience</i> , 2015, 42, 2407-2414.	2.6	13
249	Harmonization of neuroimaging biomarkers for neurodegenerative diseases: A survey in the imaging community of perceived barriers and suggested actions. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 69-73.	2.4	13
250	Special Report on the Impact of the COVID-19 Pandemic on Clinical EEG and Research and Consensus Recommendations for the Safe Use of EEG. <i>Clinical EEG and Neuroscience</i> , 2021, 52, 3-28.	1.7	13
251	Different Abnormalities of Cortical Neural Synchronization Mechanisms in Patients with Mild Cognitive Impairment due to Alzheimer's and Chronic Kidney Diseases: An EEG Study. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 897-915.	2.6	12
252	Widespread cortical β -ERD accompanying visual oddball target stimuli is frequency but non-modality specific. <i>Behavioural Brain Research</i> , 2015, 295, 71-77.	2.2	11

#	ARTICLE	IF	CITATIONS
253	The Italian dementia with Lewy bodies study group (DLB-SINdem): toward a standardization of clinical procedures and multicenter cohort studies design. <i>Neurological Sciences</i> , 2017, 38, 83-91.	1.9	11
254	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
255	CSF cutoffs for MCI due to AD depend on APOE ϵ 4 carrier status. <i>Neurobiology of Aging</i> , 2020, 89, 55-62.	3.1	11
256	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
257	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
258	Subjects' hypnotizability level affects somatosensory evoked potentials to non-painful and painful stimuli. <i>Clinical Neurophysiology</i> , 2013, 124, 1448-1455.	1.5	10
259	Poor desynchronisation of resting-state eyes-open cortical alpha rhythms in obese subjects without eating disorders. <i>Clinical Neurophysiology</i> , 2013, 124, 1095-1105.	1.5	10
260	Brain Imaging and Human Nutrition: Which Measures to Use in Intervention Studies?. <i>Advances in Nutrition</i> , 2013, 4, 554-556.	6.4	10
261	Advanced classification of Alzheimer's disease and healthy subjects based on EEG markers. , 2015, , .		10
262	Sleep deprivation and Modafinil affect cortical sources of resting state electroencephalographic rhythms in healthy young adults. <i>Clinical Neurophysiology</i> , 2019, 130, 1488-1498.	1.5	10
263	Contingent Negative Variation in the Parasyllian Cortex Increases During Expectancy of Painful Sensorimotor Events: A Magnetoencephalographic Study.. <i>Behavioral Neuroscience</i> , 2005, 119, 491-502.	1.2	9
264	Response inhibition failure to visual stimuli paired with a "single-type" stressor in PTSD patients: An fMRI pilot study. <i>Brain Research Bulletin</i> , 2015, 114, 20-30.	3.0	9
265	EEG measures for clinical research in major vascular cognitive impairment: recommendations by an expert panel. <i>Neurobiology of Aging</i> , 2021, 103, 78-97.	3.1	9
266	Alzheimer Disease: Standard of Diagnosis, Treatment, Care, and Prevention. <i>Journal of Nuclear Medicine</i> , 2022, 63, 981-985.	5.0	9
267	Comparison between Human and Artificial Neural Network Detection of Laplacian-Derived Electroencephalographic Activity Related to Unilateral Voluntary Movements. <i>Journal of Biomedical Informatics</i> , 2000, 33, 59-74.	0.7	8
268	Resting state EEG rhythms as network disease markers for drug discovery in Alzheimer's disease. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2013, 10, e85-e90.	0.5	8
269	Resting State Cortical Electroencephalographic Rhythms in Covert Hepatic Encephalopathy and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 707-725.	2.6	8
270	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

#	ARTICLE	IF	CITATIONS
271	Adaptability and reproducibility of a memory disruption rTMS protocol in the PharmaCog IMI European project. <i>Scientific Reports</i> , 2018, 8, 9371.	3.3	8
272	Biomarker Matrix to Track Short Term Disease Progression in Amnesic Mild Cognitive Impairment Patients with Prodromal Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 49-58.	2.6	8
273	Abnormalities of Cortical Sources of Resting State Delta Electroencephalographic Rhythms Are Related to Epileptiform Activity in Patients With Amnesic Mild Cognitive Impairment Not Due to Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 514136.	2.4	8
274	Functional Living Skills: A Non-Immersive Virtual Reality Training for Individuals with Major Neurocognitive Disorders. <i>Sensors</i> , 2021, 21, 5751.	3.8	8
275	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
276	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
277	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
278	The Dark Side of Alzheimer's Disease: Neglected Physiological Biomarkers of Brain Hyperexcitability and Abnormal Consciousness Level. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 801-807.	2.6	8
279	fMRI Priors for the Linear Inverse Estimation of EEG Cortical Sources. <i>Electromagnetics</i> , 2001, 21, 579-592.	0.7	7
280	Evaluation of symptomatic drug effects in Alzheimer's disease: strategies for prediction of efficacy in humans. <i>Drug Discovery Today: Technologies</i> , 2013, 10, e329-e342.	4.0	7
281	Electroencephalographic markers of robot-aided therapy in stroke patients for the evaluation of upper limb rehabilitation. <i>International Journal of Rehabilitation Research</i> , 2015, 38, 294-305.	1.3	7
282	Antiretroviral therapy effects on sources of cortical rhythms in HIV subjects: Responders vs. Mild Responders. <i>Clinical Neurophysiology</i> , 2015, 126, 68-81.	1.5	7
283	Cortical Neural Synchronization Underlies Primary Visual Consciousness of Qualia: Evidence from Event-Related Potentials. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 310.	2.0	7
284	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
285	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
286	Statistical analysis of topographic maps of short-latency somatosensory evoked potentials in normal and parkinsonian subjects. <i>IEEE Transactions on Biomedical Engineering</i> , 1994, 41, 617-624.	4.2	6
287	Conditioning transcutaneous electrical nerve stimulation induces delayed gating effects on cortical response: A magnetoencephalographic study. <i>NeuroImage</i> , 2007, 35, 1578-1585.	4.2	6
288	Cortical sources of visual evoked potentials during consciousness of executive processes. <i>Human Brain Mapping</i> , 2009, 30, 998-1013.	3.6	6

#	ARTICLE	IF	CITATIONS
289	Frontal-parietal responses to "oddball" stimuli depicting "fattened" faces are increased in successful dieters: An electroencephalographic study. <i>International Journal of Psychophysiology</i> , 2011, 82, 153-166.	1.0	6
290	Dementia with Lewy bodies research consortia: A global perspective from the ISTAART Lewy Body Dementias Professional Interest Area working group. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12235.	2.4	6
291	Shall I Move My Right or My Left Hand?. <i>Journal of Psychophysiology</i> , 2003, 17, 69-86.	0.7	6
292	Cortical sources of resting state electroencephalographic rhythms probe brain function in naïve HIV individuals. <i>Clinical Neurophysiology</i> , 2018, 129, 431-441.	1.5	5
293	Developmental abnormalities in cortical GABAergic system in mice lacking mGlu3 metabotropic glutamate receptors. <i>FASEB Journal</i> , 2019, 33, 14204-14220.	0.5	5
294	A 15-day course of donepezil modulates spectral EEG dynamics related to target auditory stimuli in young, healthy adult volunteers. <i>Clinical Neurophysiology</i> , 2019, 130, 863-875.	1.5	5
295	Recommendations for Preclinical Testing of Treatments Against Alzheimer's Disease-Related Epileptiform Spikes in Transgenic Rodent Models. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 849-865.	2.6	5
296	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
297	Cortical network modularity changes along the course of frontotemporal and Alzheimer's dementing diseases. <i>Neurobiology of Aging</i> , 2022, 110, 37-46.	3.1	5
298	BDNF Val66Met gene polymorphism modulates brain activity following rTMS-induced memory impairment. <i>Scientific Reports</i> , 2022, 12, 176.	3.3	5
299	Activity of hippocampal, amygdala, and neocortex during the Rey auditory verbal learning test: An event-related potential study in epileptic patients. <i>Clinical Neurophysiology</i> , 2010, 121, 1351-1357.	1.5	4
300	Brain and cognitive functions in two groups of naïve HIV patients selected for a different plan of antiretroviral therapy: A qEEG study. <i>Clinical Neurophysiology</i> , 2016, 127, 3455-3469.	1.5	4
301	[P4157]: CSF BIOMARKERS AND EFFECT OF APOLIPOPROTEIN E GENOTYPE, AGE AND SEX ON CUT-OFF DERIVATION IN MILD COGNITIVE IMPAIRMENT. <i>Alzheimer's and Dementia</i> , 2017, 13, P1319.	0.8	4
302	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
303	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
304	Frontoparietal cortical networks revealed by Structural Equation modeling and high resolution EEG during a short term memory task. , 0, , .		3
305	Cortical alpha rhythms in mild Alzheimer's disease. A multicentric EEG study. <i>International Congress Series</i> , 2004, 1270, 44-49.	0.2	3
306	Chapter 55 High resolution EEG of sensorimotor brain functions: mapping ERPs or mu ERD?. <i>Supplements To Clinical Neurophysiology</i> , 2002, 54, 365-371.	2.1	2

#	ARTICLE	IF	CITATIONS
307	Chapter 42 Quantitative EEG: modeling time, space, and phase of brain oscillatory activity. Supplements To Clinical Neurophysiology, 2002, , 284-288.	2.1	2
308	Estimation of the cortical connectivity during a finger-tapping movement with multimodal integration of EEG and fMRI recordings. International Congress Series, 2004, 1270, 126-129.	0.2	2
309	Chapter 47 Solving the neuroimaging puzzle: the multimodal integration of neuroelectromagnetic and functional magnetic resonance recordings. Supplements To Clinical Neurophysiology, 2004, 57, 450-457.	2.1	2
310	P2-188: Characterization of cognitive function with the cantab in individuals with amnesic mild cognitive impairment in relation to hippocampal volume, amyloid, and tau status: Preliminary baseline results from the PharmaCog/european-ADNI study. , 2015, 11, P564-P564.		2
311	P2-302: CSF Beta-Amyloid- and APOE ϵ 4-Related Decline in Episodic Memory Over 12 Months Measured using the Cantab in Individuals with Amnesic MCI: Results from the European ADNI Study. , 2016, 12, P751-P751.		2
312	Feasibility of a Non-immersive Virtual Reality Training on Functional Living Skills Applied to Person with Major Neurocognitive Disorder. Lecture Notes in Computer Science, 2019, , 692-703.	1.3	2
313	Mechanisms Of Cortical Neural Synchronization Related To Healthy And Impaired Consciousness: Evidence By Quantitative Electroencephalographic Studies. Current Pharmaceutical Design, 2013, 999, 23-24.	1.9	2
314	Ongoing Electroencephalographic Rhythms Related to Exploratory Movements in Transgenic TASTPM Mice. Journal of Alzheimer's Disease, 2020, 78, 291-308.	2.6	2
315	Mechanisms of cortical neural synchronization related to healthy and impaired consciousness: evidence by quantitative electroencephalographic studies. Current Pharmaceutical Design, 2014, 20, 4225-38.	1.9	2
316	Alzheimer's Disease with Epileptiform EEG Activity: Abnormal Cortical Sources of Resting State Delta Rhythms in Patients with Amnesic Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2022, , 1-29.	2.6	2
317	Multimodal integration of high resolution EEG and functional magnetic resonance: a simulation study. NeuroImage, 2001, 13, 66.	4.2	1
318	High-resolution EEG: modeling time, space and phase of SEPs following upper limb stimulation. International Congress Series, 2002, 1232, 243-246.	0.2	1
319	Transcranial Magnetic Stimulation of the Prefrontal Cortex: A Complementary Approach to Investigate Human Long-Term Memory. , 2004, , 269-288.		1
320	P3-092: EFFECTS OF DONEPEZIL ON EEG-EMG MARKERS IN WILD TYPE (WT) AND TRIPLE TRANSGENIC (TAUPS2APP) MICE. , 2014, 10, P661-P661.		1
321	P1-413: Prevention of Mental Disorders in Seniors at Risk of Alzheimer's Disease in The Smart Health Project: The Smartaging Platform. , 2016, 12, P592-P593.		1
322	P3-056: Back-Translation of EEG/ERP Markers from Amnesic MCI Patients to Healthy Young Volunteers in the Pharmacog Project. , 2016, 12, P837-P838.		1
323	[P1-133]: RESTING EEG AND AUDITORY ERP MARKERS CAN BE BACK-TRANSLATED FROM PRODROMAL ALZHEIMER'S DISEASE PATIENTS TO HEALTHY YOUNG VOLUNTEERS UNDER A COGNITIVE CHALLENGE. Alzheimer's and Dementia, 2017, 13, P292.	0.8	1
324	Chronic BACE-1 Inhibitor Administration in TASTPM Mice (APP KM670/671NL and PSEN1 M146V Mutation): An EEG Study. International Journal of Molecular Sciences, 2020, 21, 9072.	4.1	1

#	ARTICLE	IF	CITATIONS
325	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
326	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
327	Accuracy of the clinical diagnosis of dementia with Lewy bodies (DLB) among the Italian Dementia Centers: a study by the Italian DLB study group (DLB-SINdem). <i>Neurological Sciences</i> , 2022, 43, 4221-4229.	1.9	1
328	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
329	Solving the "neuroimaging puzzle" with the multimodal integration of EEG and functional magnetic resonance recordings. <i>International Congress Series</i> , 2004, 1270, 38-43.	0.2	0
330	Posterior parietal cortex controls spatial attention through modulation of anticipatory alpha rhythms. <i>Nature Precedings</i> , 2008, , .	0.1	0
331	Informational Digest Bulletin From San Raffaele Foundation and Tosinvest SanitÃ (No. 21). A New Quantitative Approach of the Evaluation of "Tonic" Cortical EEG Rhythms in Adults With Down Syndrome and in Adults With an Impairment of Awareness "Persistent Vegetative State (PVS). <i>Journal of Policy and Practice in Intellectual Disabilities</i> , 2010, 7, 82-83.	2.7	0
332	Informational Digest Bulletin from San Raffaele Foundation and Tosinvest SanitÃ (No. 22). New Quantitative Approaches in the Evaluation of Neuroanatomical Features, "Tonic" Cortical EEG Rhythms, and Cognitive/Motor Behavior in Individuals With Down Syndro. <i>Journal of Policy and Practice in Intellectual Disabilities</i> , 2010, 7, 153-154.	2.7	0
333	Informational Digest Bulletin From San Raffaele Foundation and Tosinvest SanitÃ (No. 26). Research on Cortical Sources of EEG Rhythms in Dyslexic Children. <i>Journal of Policy and Practice in Intellectual Disabilities</i> , 2011, 8, 220-221.	2.7	0
334	P1-215: CORTICAL SOURCES OF RESTING STATE EYES CLOSED EEG RHYTHMS ARE CORRELATED TO CEREBROSPINAL FLUID Î² AMYLOID IN AMNESTIC MCI SUBJECTS. , 2014, 10, P382-P383.		0
335	P1-216: FRONTAL CORTICAL SOURCES OF AUDITORY ODDBALL EVENT-RELATED POTENTIALS ARE RELATED TO CEREBROSPINAL FLUID Î² AMYLOID IN AMNESTIC MCI SUBJECTS. , 2014, 10, P383-P383.		0
336	P1-157: Eeg markers in adult gray mouse lemurs before and after sleep deprivation. , 2015, 11, P404-P405.		0
337	P2-175: Are cortical sources of resting state eyes-closed electroencephalographic rhythms an early diagnostic marker of Alzheimer's disease?. , 2015, 11, P558-P559.		0
338	P2-176: Are cortical sources of auditory oddball event-related potentials an early diagnostic marker of Alzheimer's disease?. , 2015, 11, P559-P559.		0
339	P1-158: Spectral ongoing eeg markers of motor activity in mouse models in physiological aging and Alzheimer's disease. , 2015, 11, P405-P405.		0
340	ICâ€Pâ€037: Simultaneous Eegâ€Fmri in Patients with Alzheimer's Disease: are Bold Signal Fluctuations in The Default Mode Network Correlated with Alpha Band Power?. <i>Alzheimer's and Dementia</i> , 2016, 12, P33.	0.8	0
341	P1â€316: Simultaneous EEGâ€FMRI in Patients with Alzheimer's Disease: Are Bold Signal Fluctuations in The Default Mode Network Correlated with Alpha Band Power?. <i>Alzheimer's and Dementia</i> , 2016, 12, P544.	0.8	0
342	P3â€057: Association Between EEG/ERP and CSF Markers in Prodromal Alzheimer's Disease in the Pharmacog Project. <i>Alzheimer's and Dementia</i> , 2016, 12, P838.	0.8	0

#	ARTICLE	IF	CITATIONS
343	P2â€“169: Spectral Ongoing Eeg Markers in Tastpm Mice are Affected by Chronic Administration of Baceâ€“1 Inhibitor in the Pharmacog Project. Alzheimer's and Dementia, 2016, 12, P680.	0.8	0
344	[P4â€“160]: BACKâ€“TRANSLATION OF EEG/ERP MARKERS FROM AMNESTIC MCI PATIENTS TO HEALTHY YOUNG VOLUNTEERS IN THE PHARMACOG PROJECT. Alzheimer's and Dementia, 2017, 13, P1321.	0.8	0
345	[P3â€“199]: ABNORMALITIES OF CORTICAL NEURAL SYNCHRONIZATION MECHANISMS IN SUBJECTS WITH MILD COGNITIVE IMPAIRMENT DUE TO ALZHEIMER'S AND PARKINSON'S DISEASES: AN EEG STUDY. Alzheimer's and Dementia, 2017, 13, P1011.	0.8	0
346	[P2â€“235]: ABNORMALITIES OF RESTING STATE ELECTROENCEPHALOGRAPHIC RHYTHM IN PATIENTS WITH DEMENTIA DUE TO ALZHEIMER'S, PARKINSON'S AND LEWY BODY DISEASES. Alzheimer's and Dementia, 2017, 13, P701.	0.8	0
347	P2â€“101: AÎ²/PHOSPHO TAU LOAD IN CSF IS RELATED TO CORTICAL EXCITABILITY AS REVEALED BY CORTICAL EEG BIOMARKERS IN PATIENTS WITH PRODROMAL ALZHEIMER'S DISEASE: THE PHARMACOG PROJECT. Alzheimer's and Dementia, 2018, 14, P707.	0.8	0
348	O1â€“10â€“04: ABNORMALITIES OF RESTING STATE FUNCTIONAL CORTICAL CONNECTIVITY IN PATIENTS WITH DEMENTIA DUE TO ALZHEIMER'S AND LEWY BODY DISEASES: AN EEG STUDY. Alzheimer's and Dementia, 2018, 14, P244.	0.8	0
349	Ongoing electroencephalographic rhythms related to exploratory movements in transgenic TASTPM mice. Alzheimer's and Dementia, 2020, 16, e039729.	0.8	0
350	Lateâ€“onset epilepsy with unknown etiology: A pilot study on neuropsychological profile, cerebrospinal fluid biomarkers, and quantitative EEG characteristics. Alzheimer's and Dementia, 2020, 16, e045129.	0.8	0
351	Lifetime brain structural trajectories in TAUPS2APP mouse model of Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e045523.	0.8	0
352	Different abnormalities of electroencephalographic (EEG) markers in quiet wakefulness are related to motor visual hallucinations in patients with Parkinsonâ€™s and Lewy body diseases. Alzheimer's and Dementia, 2020, 16, e045811.	0.8	0
353	Abnormalities of cortical neural synchronization mechanisms in subjects with mild cognitive impairment due to Alzheimer's disease and epileptiformâ€“like signatures. Alzheimer's and Dementia, 2020, 16, e045825.	0.8	0
354	Sensitivity and specificity of EEG biomarkers of AD at the preclinical stage. Alzheimer's and Dementia, 2020, 16, e045832.	0.8	0
355	Cortical arousal is differently related with restingâ€“state electroencephalographic delta rhythms in healthy seniors and in patients with dementia due to Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0
356	Reduction in posterior cortical alpha rhythms during eye opening is more abnormal in patients with dementia due to Lewy bodies than Alzheimerâ€™s disease: An EEG study. Alzheimer's and Dementia, 2021, 17, .	0.8	0
357	Relationship between cortical neural synchronization at alpha restingâ€“state electroencephalographic rhythms and education attainment in normal elderly subjects and patients with amnesic mild cognitive impairment due to Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0
358	Education and brain amyloid load act on temporal lobe function in individual with subjective memory complaint: An EEGâ€“fMRI study. Alzheimer's and Dementia, 2021, 17, .	0.8	0