

Paolo M Rossini

List of Publications by Year in descending order

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Version: 2024-02-01

476
papers

37,270
citations

4120

87
h-index

5227

165
g-index

490
all docs

490
docs citations

490
times ranked

30099
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Brain Networks in Physiological and Pathological Aging: Reproducibility of Electroencephalogram Graph Theoretical Analysis in Cortical Connectivity. <i>Brain Connectivity</i> , 2022, 12, 41-51.	0.8	11
2	Performance prediction in a visuo-motor task: the contribution of EEG analysis. <i>Cognitive Neurodynamics</i> , 2022, 16, 297-308.	2.3	4
3	One century of healing currents into the brain from the scalp: From electroconvulsive therapy to repetitive transcranial magnetic stimulation for neuropsychiatric disorders. <i>Clinical Neurophysiology</i> , 2022, 133, 145-151.	0.7	7
4	General principles of brain electromagnetic rhythmic oscillations and implications for neuroplasticity. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, 184, 221-237.	1.0	0
5	BDNF Val66Met gene polymorphism modulates brain activity following rTMS-induced memory impairment. <i>Scientific Reports</i> , 2022, 12, 176.	1.6	5
6	Toward noninvasive brain stimulation 2.0 in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2022, 75, 101555.	5.0	37
7	Brain Connectivity and Graph Theory Analysis in Alzheimer's and Parkinson's Disease: The Contribution of Electrophysiological Techniques. <i>Brain Sciences</i> , 2022, 12, 402.	1.1	18
8	Analysis of complexity in the EEG activity of Parkinson's disease patients by means of approximate entropy. <i>GeroScience</i> , 2022, 44, 1599-1607.	2.1	27
9	Transcranial Direct Current Stimulation Enhances Neuroplasticity and Accelerates Motor Recovery in a Stroke Mouse Model. <i>Stroke</i> , 2022, 53, 1746-1758.	1.0	20
10	Early dementia diagnosis, MCI to dementia risk prediction, and the role of machine learning methods for feature extraction from integrated biomarkers, in particular for EEG signal analysis. <i>Alzheimer's and Dementia</i> , 2022, 18, 2699-2706.	0.4	23
11	Neuronavigated Magnetic Stimulation combined with cognitive training for Alzheimer's patients: an EEG graph study. <i>GeroScience</i> , 2022, 44, 159-172.	2.1	9
12	Dynamics of the "Cognitive" Brain Wave P3b at Rest for Alzheimer Dementia Prediction in Mild Cognitive Impairment. <i>International Journal of Neural Systems</i> , 2022, 32, 2250022.	3.2	8
13	tDCS effects on brain network properties during physiological aging. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 785-792.	1.3	6
14	Assessing the dependence of the number of EEG channels in the brain networks' modulations. <i>Brain Research Bulletin</i> , 2021, 167, 33-36.	1.4	9
15	Accuracy and reproducibility of automated white matter hyperintensities segmentation with lesion segmentation tool: A European multi-site 3T study. <i>Magnetic Resonance Imaging</i> , 2021, 76, 108-115.	1.0	24
16	Training in the practice of noninvasive brain stimulation: Recommendations from an IFCN committee. <i>Clinical Neurophysiology</i> , 2021, 132, 819-837.	0.7	38
17	The brain network organization during sleep onset after deprivation. <i>Clinical Neurophysiology</i> , 2021, 132, 36-44.	0.7	13
18	Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. <i>Clinical Neurophysiology</i> , 2021, 132, 269-306.	0.7	553

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19	Brain sourcesâ€™ activity in resting state before a visuo-motor task. <i>Journal of Neural Engineering</i> , 2021, 18, 034002.	1.8	4
20	A Psychometric Platform to Collect Somatosensory Sensations for Neuroprosthetic Use. <i>Frontiers in Medical Technology</i> , 2021, 3, 619280.	1.3	13
21	EEG alterations during wake and sleep in mild cognitive impairment and Alzheimer's disease. <i>IScience</i> , 2021, 24, 102386.	1.9	34
22	Mild Cognitive Impairment and Mild Dementia: The Role of Ginkgo biloba (EGb 761Â®). <i>Pharmaceuticals</i> , 2021, 14, 305.	1.7	23
23	Computational approaches to decode grasping force and velocity level in upper-limb amputee from intraneural peripheral signals. <i>Journal of Neural Engineering</i> , 2021, 18, 055001.	1.8	12
24	Entropy modulation of electroencephalographic signals in physiological aging. <i>Mechanisms of Ageing and Development</i> , 2021, 196, 111472.	2.2	14
25	Norms for Automatic Estimation of Hippocampal Atrophy and a Step Forward for Applicability to the Italian Population. <i>Frontiers in Neuroscience</i> , 2021, 15, 656808.	1.4	4
26	Source-level EEG and graph theory reveal widespread functional network alterations in focal epilepsy. <i>Clinical Neurophysiology</i> , 2021, 132, 1663-1676.	0.7	13
27	Contribution of Graph Theory Applied to EEG Data Analysis for Alzheimerâ€™s Disease Versus Vascular Dementia Diagnosis. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 871-879.	1.2	12
28	Non-invasive electrical brain stimulation for vision restoration after stroke: An exploratory randomized trial (REVIS). <i>Restorative Neurology and Neuroscience</i> , 2021, 39, 221-235.	0.4	10
29	Brain network modulation in transradial amputee with finger perception restored through biomimetic intraneural stimulation. <i>Neurological Sciences</i> , 2021, 42, 5369-5372.	0.9	1
30	Relationship between Cortical Thickness and EEG Alterations during Sleep in the Alzheimerâ€™s Disease. <i>Brain Sciences</i> , 2021, 11, 1174.	1.1	3
31	Direct and indirect neurological, cognitive, and behavioral effects of COVID-19 on the healthy elderly, mild-cognitive-impairment, and Alzheimerâ€™s disease populations. <i>Neurological Sciences</i> , 2021, 42, 455-465.	0.9	59
32	Brain Networks Modulation in Young and Old Subjects During Transcranial Direct Current Stimulation Applied on Prefrontal and Parietal Cortex. <i>International Journal of Neural Systems</i> , 2021, , 2150056.	3.2	3
33	Graph Theory on Brain Cortical Sources in Parkinsonâ€™s Disease: The Analysis of â€˜Small Worldâ€™ Organization from EEG. <i>Sensors</i> , 2021, 21, 7266.	2.1	13
34	TMS-EEG Biomarkers of Amnesic Mild Cognitive Impairment Due to Alzheimerâ€™s Disease: A Proof-of-Concept Six Years Prospective Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 737281.	1.7	14
35	Entropy as Measure of Brain Networksâ€™ Complexity in Eyes Open and Closed Conditions. <i>Symmetry</i> , 2021, 13, 2178.	1.1	13
36	Sural nerve biopsy in peripheral neuropathies: 30-year experience from a single center. <i>Neurological Sciences</i> , 2020, 41, 341-346.	0.9	12

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37	CSF cutoffs for MCI due to AD depend on APOE ϵ 4 carrier status. <i>Neurobiology of Aging</i> , 2020, 89, 55-62.	1.5	11
38	The role of primary visual cortex after transorbital alternating current stimulation in low vision patients. <i>Clinical Neurophysiology</i> , 2020, 131, 2327-2328.	0.7	1
39	Sensitivity to temporal parameters of intraneural tactile sensory feedback. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 110.	2.4	15
40	Brain reactions to the use of sensorized hand prosthesis in amputees. <i>Brain and Behavior</i> , 2020, 10, e01734.	1.0	6
41	Approximate Entropy of Brain Network in the Study of Hemispheric Differences. <i>Entropy</i> , 2020, 22, 1220.	1.1	20
42	Neurophysiological Hallmarks of Neurodegenerative Cognitive Decline: The Study of Brain Connectivity as A Biomarker of Early Dementia. <i>Journal of Personalized Medicine</i> , 2020, 10, 34.	1.1	26
43	Classification of Alzheimer's Disease with Respect to Physiological Aging with Innovative EEG Biomarkers in a Machine Learning Implementation. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 1253-1261.	1.2	29
44	Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated volumetry across different MRI sites and vendors. <i>NeuroImage</i> , 2020, 218, 116932.	2.1	38
45	Stability of flexible thin-film metallization stimulation electrodes: analysis of explants after first-in-human study and improvement of in vivo performance. <i>Journal of Neural Engineering</i> , 2020, 17, 046006.	1.8	38
46	Human brain networks: a graph theoretical analysis of cortical connectivity normative database from EEG data in healthy elderly subjects. <i>GeroScience</i> , 2020, 42, 575-584.	2.1	28
47	Small World Index in Default Mode Network Predicts Progression from Mild Cognitive Impairment to Dementia. <i>International Journal of Neural Systems</i> , 2020, 30, 2050004.	3.2	40
48	Decoding of grasping tasks from intraneural recordings in trans-radial amputee. <i>Journal of Neural Engineering</i> , 2020, 17, 026034.	1.8	39
49	Subclinical epileptiform activity during sleep in Alzheimer's disease and mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2020, 131, 1011-1018.	0.7	30
50	Corticomotor Plasticity Predicts Clinical Efficacy of Combined Neuromodulation and Cognitive Training in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 200.	1.7	29
51	Morphological Neural Computation Restores Discrimination of Naturalistic Textures in Trans-radial Amputees. <i>Scientific Reports</i> , 2020, 10, 527.	1.6	30
52	Human brain connectivity: Clinical applications for clinical neurophysiology. <i>Clinical Neurophysiology</i> , 2020, 131, 1621-1651.	0.7	68
53	Hand Control With Invasive Feedback Is Not Impaired by Increased Cognitive Load. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 287.	2.0	31
54	Predicting and Tracking Short Term Disease Progression in Amnesic Mild Cognitive Impairment Patients with Prodromal Alzheimer's Disease: Structural Brain Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 3-14.	1.2	18

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55	Tracking Neuronal Connectivity from Electric Brain Signals to Predict Performance. <i>Neuroscientist</i> , 2019, 25, 86-93.	2.6	14
56	Multisensory bionic limb to achieve prosthesis embodiment and reduce distorted phantom limb perceptions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 833-836.	0.9	101
57	Clinical use of bioelectrical impedance analysis in patients affected by myotonic dystrophy type 1: A cross-sectional study. <i>Nutrition</i> , 2019, 67-68, 110546.	1.1	2
58	Sleep and β -Amyloid Deposition in Alzheimer Disease: Insights on Mechanisms and Possible Innovative Treatments. <i>Frontiers in Pharmacology</i> , 2019, 10, 695.	1.6	85
59	Acute Phase Neuronal Activity for the Prognosis of Stroke Recovery. <i>Neural Plasticity</i> , 2019, 2019, 1-10.	1.0	11
60	Upper limb joint kinematics using wearable magnetic and inertial measurement units: an anatomical calibration procedure based on bony landmark identification. <i>Scientific Reports</i> , 2019, 9, 14449.	1.6	25
61	Cortical connectivity from EEG data in acute stroke: A study via graph theory as a potential biomarker for functional recovery. <i>International Journal of Psychophysiology</i> , 2019, 146, 133-138.	0.5	60
62	Aging and brain connectivity via electroencephalographic recordings. <i>Neuroscience</i> , 2019, 422, 228-229.	1.1	3
63	The Italian INTERCEPTOR Project: From the Early Identification of Patients Eligible for Prescription of Antidementia Drugs to a Nationwide Organizational Model for Early Alzheimer's Disease Diagnosis. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 373-388.	1.2	19
64	Acute cerebellar stroke and middle cerebral artery stroke exert distinctive modifications on functional cortical connectivity: A comparative study via EEG graph theory. <i>Clinical Neurophysiology</i> , 2019, 130, 997-1007.	0.7	32
65	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.	1.2	8
66	Intraneural sensory feedback restores grip force control and motor coordination while using a prosthetic hand. <i>Journal of Neural Engineering</i> , 2019, 16, 026034.	1.8	66
67	Neurophysiological effect of transorbital electrical stimulation: Early results in advanced optic atrophy. <i>Brain Stimulation</i> , 2019, 12, 800-802.	0.7	4
68	A closed-loop hand prosthesis with simultaneous intraneural tactile and position feedback. <i>Science Robotics</i> , 2019, 4, .	9.9	198
69	Cortical neurodynamics changes mediate the efficacy of a personalized neuromodulation against multiple sclerosis fatigue. <i>Scientific Reports</i> , 2019, 9, 18213.	1.6	34
70	Abnormal Circadian Modification of α -Fiber Pathway Excitability in Idiopathic Restless Legs Syndrome. <i>Pain Research and Management</i> , 2019, 2019, 1-8.	0.7	3
71	Actigraphic measurement of the upper limbs movements in acute stroke patients. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 153.	2.4	12
72	<p>Bilateral Theta Transcranial Alternating Current Stimulation (tACS) Modulates EEG Activity: When tACS Works Awake It Also Works Asleep<p>. <i>Nature and Science of Sleep</i> , 2019, Volume 11, 343-356.	1.4	19

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73	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.	1.2	23
74	Six-Month Assessment of a Hand Prosthesis with Intraneural Tactile Feedback. <i>Annals of Neurology</i> , 2019, 85, 137-154.	2.8	140
75	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.	1.2	34
76	Transcranial direct current stimulation generates a transient increase of small-world in brain connectivity: an EEG graph theoretical analysis. <i>Experimental Brain Research</i> , 2018, 236, 1117-1127.	0.7	27
77	Phantom somatosensory evoked potentials following selective intraneural electrical stimulation in two amputees. <i>Clinical Neurophysiology</i> , 2018, 129, 1117-1120.	0.7	35
78	Brain Networks are Independently Modulated by Donepezil, Sleep, and Sleep Deprivation. <i>Brain Topography</i> , 2018, 31, 380-391.	0.8	27
79	Personalized, bilateral whole-body somatosensory cortex stimulation to relieve fatigue in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1366-1374.	1.4	51
80	Sudoscans in the evaluation and follow-up of patients and carriers with TTR mutations: experience from an Italian Centre. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2018, 25, 242-246.	1.4	28
81	Learning Processes and Brain Connectivity in A Cognitive-Motor Task in Neurodegeneration: Evidence from EEG Network Analysis. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 471-481.	1.2	21
82	BDNF rs6265 polymorphism methylation in Multiple Sclerosis: A possible marker of disease progression. <i>PLoS ONE</i> , 2018, 13, e0206140.	1.1	24
83	Biomimetic Intraneural Sensory Feedback Enhances Sensation Naturalness, Tactile Sensitivity, and Manual Dexterity in a Bidirectional Prosthesis. <i>Neuron</i> , 2018, 100, 37-45.e7.	3.8	265
84	Adaptability and reproducibility of a memory disruption rTMS protocol in the PharmaCog IMI European project. <i>Scientific Reports</i> , 2018, 8, 9371.	1.6	8
85	Sustainable method for Alzheimer dementia prediction in mild cognitive impairment: Electroencephalographic connectivity and graph theory combined with apolipoprotein E. <i>Annals of Neurology</i> , 2018, 84, 302-314.	2.8	65
86	Symptomatic intracranial atherosclerotic disease: an ultrasound 2-year follow-up pilot study. <i>Neurological Sciences</i> , 2018, 39, 1955-1959.	0.9	6
87	Brain electroencephalographic segregation as a biomarker of learning. <i>Neural Networks</i> , 2018, 106, 168-174.	3.3	33
88	Non-Ceruloplasmin Copper Distinct Subtypes in Alzheimer's Disease: a Genetic Study of ATP7B Frequency. <i>Molecular Neurobiology</i> , 2017, 54, 671-681.	1.9	40
89	"Small World" architecture in brain connectivity and hippocampal volume in Alzheimer's disease: a study via graph theory from EEG data. <i>Brain Imaging and Behavior</i> , 2017, 11, 473-485.	1.1	85
90	Electroencephalography-Derived Sensory and Motor Network Topology in Multiple Sclerosis Fatigue. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 56-64.	1.4	28

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91	Rinsing after spinning: plasmapheresis in EBV-related post-infectious cerebellitis. <i>Journal of Neurology</i> , 2017, 264, 576-577.	1.8	3
92	The Fall of Sleep K-Complex in Alzheimer Disease. <i>Scientific Reports</i> , 2017, 7, 39688.	1.6	80
93	Small world brain network characteristics during EEG Holter recording of a stroke event. <i>Clinical Neurophysiology</i> , 2017, 128, 1-3.	0.7	10
94	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.	1.5	59
95	Prognostic Value of EEG Microstates in Acute Stroke. <i>Brain Topography</i> , 2017, 30, 698-710.	0.8	65
96	Age related differences in functional synchronization of EEG activity as evaluated by means of TMS-EEG coreregistrations. <i>Neuroscience Letters</i> , 2017, 647, 141-146.	1.0	30
97	Transfer to inpatient rehabilitation facilities after neurological admission. <i>Neurological Sciences</i> , 2017, 38, 687-688.	0.9	1
98	Contribution of transcranial magnetic stimulation to assessment of brain connectivity and networks. <i>Clinical Neurophysiology</i> , 2017, 128, 2125-2139.	0.7	119
99	Cortical connectivity modulation during sleep onset: A study via graph theory on EEG data. <i>Human Brain Mapping</i> , 2017, 38, 5456-5464.	1.9	48
100	Bilateral 5â€‰Hz transcranial alternating current stimulation on fronto-temporal areas modulates resting-state EEG. <i>Scientific Reports</i> , 2017, 7, 15672.	1.6	26
101	Connectome: Graph theory application in functional brain network architecture. <i>Clinical Neurophysiology Practice</i> , 2017, 2, 206-213.	0.6	139
102	Trunk-lower limb coordination pattern during gait in patients with ataxia. <i>Gait and Posture</i> , 2017, 57, 252-257.	0.6	16
103	On the Use of Intraneural Transversal Electrodes to Develop Bidirectional Bionic Limbs. <i>Biosystems and Biorobotics</i> , 2017, , 737-741.	0.2	0
104	Small-World Characteristics of Cortical Connectivity Changes in Acute Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 81-94.	1.4	78
105	Free water elimination improves testâ€‰retest reproducibility of diffusion tensor imaging indices in the brain: A longitudinal multisite study of healthy elderly subjects. <i>Human Brain Mapping</i> , 2017, 38, 12-26.	1.9	72
106	Searching for signs of aging and dementia in EEG through network analysis. <i>Behavioural Brain Research</i> , 2017, 317, 292-300.	1.2	72
107	Defining a functional network homeostasis after stroke: EEG-based approach is complementary to functional MRI. <i>Brain</i> , 2017, 140, e71-e71.	3.7	5
108	In Search of Sleep Biomarkers of Alzheimerâ€™s Disease: K-Complexes Do Not Discriminate between Patients with Mild Cognitive Impairment and Healthy Controls. <i>Brain Sciences</i> , 2017, 7, 51.	1.1	37

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109	Anodal Transcranial Direct Current Stimulation Promotes Frontal Compensatory Mechanisms in Healthy Elderly Subjects. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 420.	1.7	36
110	Parietal Fast Sleep Spindle Density Decrease in Alzheimer's Disease and Amnesic Mild Cognitive Impairment. <i>Neural Plasticity</i> , 2016, 2016, 1-10.	1.0	117
111	Regional MRI Diffusion, White-Matter Hyperintensities, and Cognitive Function in Alzheimer's Disease		

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127	Electroencephalographic Fractal Dimension in Healthy Ageing and Alzheimer's Disease. PLoS ONE, 2016, 11, e0149587.	1.1	94
128	Non-Ceruloplasmin Copper Distinguishes A Distinct Subtype of Alzheimer's Disease: A Study of EEG-Derived Brain Activity. Current Alzheimer Research, 2016, 13, 1374-1384.	0.7	24
129	Intraneural stimulation elicits discrimination of textural features by artificial fingertip in intact and amputee humans. ELife, 2016, 5, e09148.	2.8	286
130	Cortical Brain Connectivity Evaluated by Graph Theory in Dementia: A Correlation Study Between Functional and Structural Data. Journal of Alzheimer's Disease, 2015, 45, 745-756.	1.2	60
131	Neurophysiological Assessment of Alzheimer's Disease Individuals by a Single Electroencephalographic Marker. Journal of Alzheimer's Disease, 2015, 49, 159-177.	1.2	32
132	Idiopathic inflammatory myopathies evaluated by near-infrared spectroscopy. Muscle and Nerve, 2015, 51, 830-837.	1.0	3
133	Longitudinal reproducibility of automatically segmented hippocampal subfields: A multisite European 3T study on healthy elderly. Human Brain Mapping, 2015, 36, 3516-3527.	1.9	34
134	Cortical inhibition of laser pain and laser-evoked potentials by non-nociceptive somatosensory input. European Journal of Neuroscience, 2015, 42, 2407-2414.	1.2	13
135	Brain Plasticity Effects of Neuromodulation Against Multiple Sclerosis Fatigue. Frontiers in Neurology, 2015, 6, 141.	1.1	49
136	An improved I-FAST system for the diagnosis of Alzheimer's disease from unprocessed electroencephalograms by using robust invariant features. Artificial Intelligence in Medicine, 2015, 64, 59-74.	3.8	24
137	Admission neurophysiological abnormalities in Guillain-Barré syndrome: A single-center experience. Clinical Neurology and Neurosurgery, 2015, 135, 6-10.	0.6	15
138	Non-invasive electric current stimulation for restoration of vision after unilateral occipital stroke. Contemporary Clinical Trials, 2015, 43, 231-236.	0.8	28
139	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. Neurobiology of Aging, 2015, 36, 556-570.	1.5	93
140	Second-Line Therapy with Fingolimod for Relapsing-Remitting Multiple Sclerosis in Clinical Practice: The Effect of Previous Exposure to Natalizumab. European Neurology, 2015, 73, 57-65.	0.6	20
141	Neurophysiological features of motor cortex excitability and plasticity in Subcortical Ischemic Vascular Dementia: A TMS mapping study. Clinical Neurophysiology, 2015, 126, 906-913.	0.7	39
142	Retinal Origin of Electrically Evoked Potentials in Response to Transcorneal Alternating Current Stimulation in the Rat. Investigative Ophthalmology and Visual Science, 2015, 56, 1711-1718.	3.3	38
143	Primary fibroblasts cultures reveal TDP-43 abnormalities in amyotrophic lateral sclerosis patients with and without SOD1 mutations. Neurobiology of Aging, 2015, 36, 2005.e5-2005.e13.	1.5	42
144	Distinct lymphocytes subsets in IgM-related neuropathy: clinical-immunological correlations. Neurological Sciences, 2015, 36, 303-308.	0.9	2

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145	Cortical Brain Connectivity and B-Type Natriuretic Peptide in Patients With Congestive Heart Failure. <i>Clinical EEG and Neuroscience</i> , 2015, 46, 224-229.	0.9	15
146	Acyclovir-related kidney injury during alemtuzumab infusion. <i>Journal of Neurology</i> , 2015, 262, 1772-1774.	1.8	2
147	Prefrontal cortex as a compensatory network in ataxic gait: A correlation study between cortical activity and gait parameters. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 177-187.	0.4	18
148	Impaired pain processing in patients with silent myocardial ischemia. <i>International Journal of Cardiology</i> , 2015, 186, 204-206.	0.8	3
149	Electromagnetic fields and EEG spiking rate in patients with focal epilepsy. <i>Clinical Neurophysiology</i> , 2015, 126, 659-666.	0.7	13
150	Toward the Development of a Neuro-Controlled Bidirectional Hand Prosthesis. <i>Lecture Notes in Computer Science</i> , 2015, , 105-110.	1.0	0
151	Antiretroviral therapy effects on sources of cortical rhythms in HIV subjects: Responders vs. Mild Responders. <i>Clinical Neurophysiology</i> , 2015, 126, 68-81.	0.7	7
152	Cortical connectivity in fronto-temporal focal epilepsy from EEG analysis: A study via graph theory. <i>Clinical Neurophysiology</i> , 2015, 126, 1108-1116.	0.7	54
153	Neurophysiological makers of plastic brain reorganization following central and peripheral lesions. <i>Archives Italiennes De Biologie</i> , 2015, 152, 216-38.	0.1	4
154	Alpha and beta EEG power reflects L-dopa acute administration in parkinsonian patients. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 302.	1.7	62
155	Ultrasound evaluation in transthyretin-related amyloid neuropathy. <i>Muscle and Nerve</i> , 2014, 50, 372-376.	1.0	32
156	Time-varying coupling of EEG oscillations predicts excitability fluctuations in the primary motor cortex as reflected by motor evoked potentials amplitude: An EEG-TMS study. <i>Human Brain Mapping</i> , 2014, 35, 1969-1980.	1.9	76
157	Moving to Fingolimod From Natalizumab in Multiple Sclerosis: The ENIGM Is Not Solved. <i>JAMA Neurology</i> , 2014, 71, 924.	4.5	2
158	Clinical, neurophysiological and pathological findings of HNPP patients with 17p12 deletion: A single-centre experience. <i>Journal of the Neurological Sciences</i> , 2014, 341, 46-50.	0.3	32
159	1994-2014 Twenty years from the first guidelines for electrical and magnetic stimulation of brain, spinal cord and spinal roots. <i>Clinical Neurophysiology</i> , 2014, 125, 865-866.	0.7	2
160	Stratified medicine for mental disorders. <i>European Neuropsychopharmacology</i> , 2014, 24, 5-50.	0.3	152
161	Restoring Natural Sensory Feedback in Real-Time Bidirectional Hand Prostheses. <i>Science Translational Medicine</i> , 2014, 6, 222ra19.	5.8	805
162	Topographic electroencephalogram changes associated with psychomotor vigilance task performance after sleep deprivation. <i>Sleep Medicine</i> , 2014, 15, 1132-1139.	0.8	59

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163	Multisite longitudinal reliability of tract-based spatial statistics in diffusion tensor imaging of healthy elderly subjects. <i>NeuroImage</i> , 2014, 101, 390-403.	2.1	99
164	Cortical sources of resting-state EEG rhythms in "experienced" HIV subjects under antiretroviral therapy. <i>Clinical Neurophysiology</i> , 2014, 125, 1792-1802.	0.7	19
165	Repetitive transcranial magnetic stimulation versus electroconvulsive therapy for major depression: A systematic review and meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 51, 181-189.	2.5	127
166	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.	0.7	21
167	Jitter of Corticospinal Neurons During Repetitive Transcranial Magnetic Stimulation. Method and Possible Clinical Implications. <i>Brain Stimulation</i> , 2014, 7, 580-586.	0.7	8
168	Complex fasciculation potentials and survival in amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2014, 125, 1059-1064.	0.7	25
169	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). <i>Clinical Neurophysiology</i> , 2014, 125, 2150-2206.	0.7	1,647
170	Sleep Deprivation Affects Somatosensory Cortex Excitability as Tested Through Median Nerve Stimulation. <i>Brain Stimulation</i> , 2014, 7, 732-739.	0.7	11
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