

# Paolo M Rossini

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

467  
papers

28,738  
citations

79  
h-index

149  
g-index

490  
ext. papers

33,470  
ext. citations

4.8  
avg, IF

6.84  
L-index

#	Paper	IF	Citations
467	General principles of brain electromagnetic rhythmic oscillations and implications for neuroplasticity.. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2022</b> , 184, 221-237 <sup>3</sup>		
466	BDNF Val66Met gene polymorphism modulates brain activity following rTMS-induced memory impairment.. <i>Scientific Reports</i> , <b>2022</b> , 12, 176	4.9	0
465	Performance prediction in a visuo-motor task: the contribution of EEG analysis.. <i>Cognitive Neurodynamics</i> , <b>2022</b> , 16, 297-308	4.2	1
464	Analysis of complexity in the EEG activity of Parkinson's disease patients by means of approximate entropy.. <i>GeroScience</i> , <b>2022</b> , 1	8.9	0
463	Transcranial Direct Current Stimulation Enhances Neuroplasticity and Accelerates Motor Recovery in a Stroke Mouse Model.. <i>Stroke</i> , <b>2022</b> , STROKEAHA121034200	6.7	1
462	Dynamics of the "Cognitive" Brain Wave P3b at Rest for Alzheimer Dementia Prediction in Mild Cognitive Impairment.. <i>International Journal of Neural Systems</i> , <b>2022</b> , 2250022	6.2	0
461	Toward Noninvasive Brain Stimulation 2.0 in Alzheimer's Disease.. <i>Ageing Research Reviews</i> , <b>2021</b> , 75, 101555	12	2
460	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> , <b>2021</b> , 133, 145-151	4.3	1
459	TMS-EEG Biomarkers of Amnesic Mild Cognitive Impairment Due to Alzheimer's Disease: A Proof-of-Concept Six Years Prospective Study. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 737281	5.3	3
458	Entropy as Measure of Brain Networks Complexity in Eyes Open and Closed Conditions. <i>Symmetry</i> , <b>2021</b> , 13, 2178	2.7	3
457	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> , <b>2021</b> , 2150056	6.2	2
456	Graph Theory on Brain Cortical Sources in Parkinson's Disease: The Analysis of 'Small World' Organization from EEG. <i>Sensors</i> , <b>2021</b> , 21,	3.8	2
455	A Psychometric Platform to Collect Somatosensory Sensations for Neuroprosthetic Use.. <i>Frontiers in Medical Technology</i> , <b>2021</b> , 3, 619280	1.9	2
454	EEG alterations during wake and sleep in mild cognitive impairment and Alzheimer's disease. <i>IScience</i> , <b>2021</b> , 24, 102386	6.1	10
453	Mild Cognitive Impairment and Mild Dementia: The Role of (EGb 761). <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	8
452	Human brain networks in physiological and pathological aging: reproducibility of EEG graph theoretical analysis in cortical connectivity. <i>Brain Connectivity</i> , <b>2021</b> ,	2.7	3
451	Computational approaches to decode grasping force and velocity level in upper-limb amputee from intraneural peripheral signals. <i>Journal of Neural Engineering</i> , <b>2021</b> , 18,	5	6

450	Entropy modulation of electroencephalographic signals in physiological aging. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 196, 111472	5.6	5
449	Norms for Automatic Estimation of Hippocampal Atrophy and a Step Forward for Applicability to the Italian Population. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 656808	5.1	0
448	tDCS effects on brain network properties during physiological aging. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2021</b> , 473, 785-792	4.6	2
447	Assessing the dependence of the number of EEG channels in the brain networks' modulations. <i>Brain Research Bulletin</i> , <b>2021</b> , 167, 33-36	3.9	4
446	Accuracy and reproducibility of automated white matter hyperintensities segmentation with lesion segmentation tool: A European multi-site 3T study. <i>Magnetic Resonance Imaging</i> , <b>2021</b> , 76, 108-115	3.3	7
445	Training in the practice of noninvasive brain stimulation: Recommendations from an IFCN committee. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 819-837	4.3	10
444	The brain network organization during sleep onset after deprivation. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 36-44	4.3	3
443	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> , <b>2021</b> , 132, 269-306	4.3	130
442	Brain sources' activity in resting state before a visuo-motor task. <i>Journal of Neural Engineering</i> , <b>2021</b> , 18,	5	2
441	Source-level EEG and graph theory reveal widespread functional network alterations in focal epilepsy. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 1663-1676	4.3	2
440	Contribution of Graph Theory Applied to EEG Data Analysis for Alzheimer's Disease Versus Vascular Dementia Diagnosis. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 82, 871-879	4.3	3
439	Non-invasive electrical brain stimulation for vision restoration after stroke: An exploratory randomized trial (REVIS). <i>Restorative Neurology and Neuroscience</i> , <b>2021</b> , 39, 221-235	2.8	3
438	Brain network modulation in transradial amputee with finger perception restored through biomimetic intraneural stimulation. <i>Neurological Sciences</i> , <b>2021</b> , 42, 5369-5372	3.5	0
437	Direct and indirect neurological, cognitive, and behavioral effects of COVID-19 on the healthy elderly, mild-cognitive-impairment, and Alzheimer's disease populations. <i>Neurological Sciences</i> , <b>2021</b> , 42, 455-465	3.5	21
436	Neuronavigated Magnetic Stimulation combined with cognitive training for Alzheimer's patients: an EEG graph study.. <i>GeroScience</i> , <b>2021</b> , 44, 159	8.9	2
435	Brain reactions to the use of sensorized hand prosthesis in amputees. <i>Brain and Behavior</i> , <b>2020</b> , 10, e01734	3.4	2
434	Approximate Entropy of Brain Network in the Study of Hemispheric Differences. <i>Entropy</i> , <b>2020</b> , 22,	2.8	7
433	Neurophysiological Hallmarks of Neurodegenerative Cognitive Decline: The Study of Brain Connectivity as A Biomarker of Early Dementia. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	12

432	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> , <b>2020</b> , 75, 1253-1261	4.3	13
431	Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated volumetry across different MRI sites and vendors. <i>NeuroImage</i> , <b>2020</b> , 218, 116932	7.9	15
430	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> , <b>2020</b> , 17, 046006	5	18
429	Human brain networks: a graph theoretical analysis of cortical connectivity normative database from EEG data in healthy elderly subjects. <i>GeroScience</i> , <b>2020</b> , 42, 575-584	8.9	18
428	Small World Index in Default Mode Network Predicts Progression from Mild Cognitive Impairment to Dementia. <i>International Journal of Neural Systems</i> , <b>2020</b> , 30, 2050004	6.2	25
427	Decoding of grasping tasks from intraneural recordings in trans-radial amputee. <i>Journal of Neural Engineering</i> , <b>2020</b> , 17, 026034	5	18
426	Subclinical epileptiform activity during sleep in Alzheimer's disease and mild cognitive impairment. <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 1011-1018	4.3	16
425	Corticomotor Plasticity Predicts Clinical Efficacy of Combined Neuromodulation and Cognitive Training in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 200	5.3	13
424	Morphological Neural Computation Restores Discrimination of Naturalistic Textures in Trans-radial Amputees. <i>Scientific Reports</i> , <b>2020</b> , 10, 527	4.9	15
423	Human brain connectivity: Clinical applications for clinical neurophysiology. <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 1621-1651	4.3	23
422	Sural nerve biopsy in peripheral neuropathies: 30-year experience from a single center. <i>Neurological Sciences</i> , <b>2020</b> , 41, 341-346	3.5	7
421	CSF cutoffs for MCI due to AD depend on APOE $\epsilon$ 4 carrier status. <i>Neurobiology of Aging</i> , <b>2020</b> , 89, 55-62	5.6	7
420	The role of primary visual cortex after transorbital alternating current stimulation in low vision patients. <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 2327-2328	4.3	1
419	Sensitivity to temporal parameters of intraneural tactile sensory feedback. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2020</b> , 17, 110	5.3	8
418	Hand Control With Invasive Feedback Is Not Impaired by Increased Cognitive Load. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 287	5.8	16
417	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> , <b>2019</b> , 72, 373-388	4.3	12
416	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> , <b>2019</b> , 130, 997-1007	4.3	17
415	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> , <b>2019</b> , 69, 49-58	4.3	5

414	Intraneural sensory feedback restores grip force control and motor coordination while using a prosthetic hand. <i>Journal of Neural Engineering</i> , <b>2019</b> , 16, 026034	5	35
413	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> , <b>2019</b> , 69, 3-14	4.3	13
412	Tracking Neuronal Connectivity from Electric Brain Signals to Predict Performance. <i>Neuroscientist</i> , <b>2019</b> , 25, 86-93	7.6	11
411	Multisensory bionic limb to achieve prosthesis embodiment and reduce distorted phantom limb perceptions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 833-836	5.5	57
410	Clinical use of bioelectrical impedance analysis in patients affected by myotonic dystrophy type 1: A cross-sectional study. <i>Nutrition</i> , <b>2019</b> , 67-68, 110546	4.8	0
409	Sleep and $\beta$ Amyloid Deposition in Alzheimer Disease: Insights on Mechanisms and Possible Innovative Treatments. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 695	5.6	47
408	Acute Phase Neuronal Activity for the Prognosis of Stroke Recovery. <i>Neural Plasticity</i> , <b>2019</b> , 2019, 1971875	3.5	5
407	Upper limb joint kinematics using wearable magnetic and inertial measurement units: an anatomical calibration procedure based on bony landmark identification. <i>Scientific Reports</i> , <b>2019</b> , 9, 14449	4.9	11
406	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> , <b>2019</b> , 146, 133-138	2.9	29
405	Neurophysiological effect of transorbital electrical stimulation: Early results in advanced optic atrophy. <i>Brain Stimulation</i> , <b>2019</b> , 12, 800-802	5.1	3
404	A closed-loop hand prosthesis with simultaneous intraneural tactile and position feedback. <i>Science Robotics</i> , <b>2019</b> , 4,	18.6	110
403	Cortical neurodynamics changes mediate the efficacy of a personalized neuromodulation against multiple sclerosis fatigue. <i>Scientific Reports</i> , <b>2019</b> , 9, 18213	4.9	15
402	Abnormal Circadian Modification of A-Fiber Pathway Excitability in Idiopathic Restless Legs Syndrome. <i>Pain Research and Management</i> , <b>2019</b> , 2019, 5408732	2.6	1
401	Actigraphic measurement of the upper limbs movements in acute stroke patients. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2019</b> , 16, 153	5.3	7
400	Bilateral Theta Transcranial Alternating Current Stimulation (tACS) Modulates EEG Activity: When tACS Works Awake It Also Works Asleep. <i>Nature and Science of Sleep</i> , <b>2019</b> , 11, 343-356	3.6	4
399	Plasma A $\beta$ 2 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> , <b>2019</b> , 69, 37-48	4.3	17
398	Six-Month Assessment of a Hand Prosthesis with Intraneural Tactile Feedback. <i>Annals of Neurology</i> , <b>2019</b> , 85, 137-154	9.4	82
397	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> , <b>2019</b> , 69, 15-35	4.3	17

396	Transcranial direct current stimulation generates a transient increase of small-world in brain connectivity: an EEG graph theoretical analysis. <i>Experimental Brain Research</i> , <b>2018</b> , 236, 1117-1127	2.3	20
395	Phantom somatosensory evoked potentials following selective intraneural electrical stimulation in two amputees. <i>Clinical Neurophysiology</i> , <b>2018</b> , 129, 1117-1120	4.3	23
394	Sustainable method for Alzheimer dementia prediction in mild cognitive impairment: Electroencephalographic connectivity and graph theory combined with apolipoprotein E. <i>Annals of Neurology</i> , <b>2018</b> , 84, 302-314	9.4	38
393	Symptomatic intracranial atherosclerotic disease: an ultrasound 2-year follow-up pilot study. <i>Neurological Sciences</i> , <b>2018</b> , 39, 1955-1959	3.5	5
392	Brain electroencephalographic segregation as a biomarker of learning. <i>Neural Networks</i> , <b>2018</b> , 106, 168-174	4.4	20
391	Brain Networks are Independently Modulated by Donepezil, Sleep, and Sleep Deprivation. <i>Brain Topography</i> , <b>2018</b> , 31, 380-391	4.3	19
390	Personalized, bilateral whole-body somatosensory cortex stimulation to relieve fatigue in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2018</b> , 24, 1366-1374	5	30
389	Sudoscan 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> , <b>2018</b> , 25, 242-246	2.7	16
388	Learning Processes and Brain Connectivity in A Cognitive-Motor Task in Neurodegeneration: Evidence from EEG Network Analysis. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 66, 471-481	4.3	17
387	BDNF rs6265 polymorphism methylation in Multiple Sclerosis: A possible marker of disease progression. <i>PLoS ONE</i> , <b>2018</b> , 13, e0206140	3.7	11
386	Biomimetic Intraneural Sensory Feedback Enhances Sensation Naturalness, Tactile Sensitivity, and Manual Dexterity in a Bidirectional Prosthesis. <i>Neuron</i> , <b>2018</b> , 100, 37-45.e7	13.9	146
385	Adaptability and reproducibility of a memory disruption rTMS protocol in the PharmaCog IMI European project. <i>Scientific Reports</i> , <b>2018</b> , 8, 9371	4.9	5
384	Non-Ceruloplasmin Copper Distincts Subtypes in Alzheimer's Disease: a Genetic Study of ATP7B Frequency. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 671-681	6.2	30
383	"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> , <b>2017</b> , 11, 473-485	4.1	64
382	Electroencephalography-Derived Sensory and Motor Network Topology in Multiple Sclerosis Fatigue. <i>Neurorehabilitation and Neural Repair</i> , <b>2017</b> , 31, 56-64	4.7	15
381	Rinsing after spinning: plasmapheresis in EBV-related post-infectious cerebellitis. <i>Journal of Neurology</i> , <b>2017</b> , 264, 576-577	5.5	2
380	The Fall of Sleep K-Complex in Alzheimer Disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 39688	4.9	57
379	Small world brain network characteristics during EEG Holter recording of a stroke event. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 1-3	4.3	9

378	Association between CSF biomarkers, hippocampal volume and cognitive function in patients with amnesic mild cognitive impairment (MCI). <i>Neurobiology of Aging</i> , <b>2017</b> , 53, 1-10	5.6	43
377	Prognostic Value of EEG Microstates in Acute Stroke. <i>Brain Topography</i> , <b>2017</b> , 30, 698-710	4.3	38
376	Age related differences in functional synchronization of EEG activity as evaluated by means of TMS-EEG coreregistrations. <i>Neuroscience Letters</i> , <b>2017</b> , 647, 141-146	3.3	20
375	Transfer to inpatient rehabilitation facilities after neurological admission. <i>Neurological Sciences</i> , <b>2017</b> , 38, 687-688	3.5	1
374	Contribution of transcranial magnetic stimulation to assessment of brain connectivity and networks. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 2125-2139	4.3	83
373	Cortical connectivity modulation during sleep onset: A study via graph theory on EEG data. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 5456-5464	5.9	33
372	Bilateral 5 Hz transcranial alternating current stimulation on fronto-temporal areas modulates resting-state EEG. <i>Scientific Reports</i> , <b>2017</b> , 7, 15672	4.9	13
371	Connectome: Graph theory application in functional brain network architecture. <i>Clinical Neurophysiology Practice</i> , <b>2017</b> , 2, 206-213	3.8	71
370	Trunk-lower limb coordination pattern during gait in patients with ataxia. <i>Gait and Posture</i> , <b>2017</b> , 57, 252-257	2.6	11
369	On the Use of Intraneural Transversal Electrodes to Develop Bidirectional Bionic Limbs. <i>Biosystems and Biorobotics</i> , <b>2017</b> , 737-741	0.2	
368	Small-World Characteristics of Cortical Connectivity Changes in Acute Stroke. <i>Neurorehabilitation and Neural Repair</i> , <b>2017</b> , 31, 81-94	4.7	47
367	Free water elimination improves test-retest reproducibility of diffusion tensor imaging indices in the brain: A longitudinal multisite study of healthy elderly subjects. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 12-26	5.9	51
366	Searching for signs of aging and dementia in EEG through network analysis. <i>Behavioural Brain Research</i> , <b>2017</b> , 317, 292-300	3.4	53
365	Defining a functional network homeostasis after stroke: EEG-based approach is complementary to functional MRI. <i>Brain</i> , <b>2017</b> , 140, e71	11.2	3
364	In Search of Sleep Biomarkers of Alzheimer's Disease: K-Complexes Do Not Discriminate between Patients with Mild Cognitive Impairment and Healthy Controls. <i>Brain Sciences</i> , <b>2017</b> , 7,	3.4	24
363	Anodal Transcranial Direct Current Stimulation Promotes Frontal Compensatory Mechanisms in Healthy Elderly Subjects. <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 420	5.3	25
362	Biological factors and age-dependence of primary motor cortex experimental plasticity. <i>Neurological Sciences</i> , <b>2016</b> , 37, 211-8	3.5	13
361	Longitudinal reproducibility of default-mode network connectivity in healthy elderly participants: A multicentric resting-state fMRI study. <i>NeuroImage</i> , <b>2016</b> , 124, 442-454	7.9	58

360	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> , <b>2016</b> , 127, 641-654	4.3	72
359	Prolonged phone-call posture causes changes of ulnar motor nerve conduction across elbow. <i>Clinical Neurophysiology</i> , <b>2016</b> , 127, 2728-2732	4.3	5
358	Test-retest reliability of the default mode network in a multi-centric fMRI study of healthy elderly: Effects of data-driven physiological noise correction techniques. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 2114-329	5.9	27
357	RANTES correlates with inflammatory activity and synaptic excitability in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2016</b> , 22, 1405-1412	5	29
356	The challenge of basilar artery occlusion wake-up stroke: too late for intravenous thrombolysis?. <i>Neurological Sciences</i> , <b>2016</b> , 37, 1137-40	3.5	2
355	Charcot-Marie-Tooth type 2 and distal hereditary motor neuropathy: Clinical, neurophysiological and genetic findings from a single-centre experience. <i>Clinical Neurology and Neurosurgery</i> , <b>2016</b> , 144, 67-71	2	13
354	Effects of transcranial direct current stimulation on the functional coupling of the sensorimotor cortical network. <i>NeuroImage</i> , <b>2016</b> , 140, 50-6	7.9	20
353	EEG characteristics in "eyes-open" versus "eyes-closed" conditions: Small-world network architecture in healthy aging and age-related brain degeneration. <i>Clinical Neurophysiology</i> , <b>2016</b> , 127, 1261-1268	4.3	85
352	Neurophysiological assessment of Alzheimer's disease individuals by a single electroencephalographic marker. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 49, 159-77	4.3	24
351	Electroencephalographic Fractal Dimension in Healthy Ageing and Alzheimer's Disease. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149587	3.7	56
350	Non-Ceruloplasmin Copper Distinguishes A Distinct Subtype of Alzheimer's Disease: A Study of EEG-Derived Brain Activity. <i>Current Alzheimer Research</i> , <b>2016</b> , 13, 1374-1384	3	21
349	Intraneural stimulation elicits discrimination of textural features by artificial fingertip in intact and amputee humans. <i>eLife</i> , <b>2016</b> , 5, e09148	8.9	196
348	Parietal Fast Sleep Spindle Density Decrease in Alzheimer's Disease and Amnesic Mild Cognitive Impairment. <i>Neural Plasticity</i> , <b>2016</b> , 2016, 8376108	3.3	72
347	Regional MRI Diffusion, White-Matter Hyperintensities, and Cognitive Function in Alzheimer's Disease and Vascular Dementia. <i>Journal of Clinical Neurology (Korea)</i> , <b>2016</b> , 12, 201-8	1.7	37
346	Sensorimotor cortex excitability and connectivity in Alzheimer's disease: A TMS-EEG Co-registration study. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 2083-96	5.9	56
345	From Mild Cognitive Impairment to Alzheimer's Disease: A New Perspective in the "Land" of Human Brain Reactivity and Connectivity. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 53, 1389-93	4.3	14
344	Association Between Serum Ceruloplasmin Specific Activity and Risk of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 50, 1181-9	4.3	33
343	Severe dyspnoea with alteration of the diffusion capacity of the lung associated with fingolimod treatment. <i>Multiple Sclerosis and Related Disorders</i> , <b>2016</b> , 9, 11-3	4	4



342	Pre-seizure architecture of the local connections of the epileptic focus examined via graph-theory. <i>Clinical Neurophysiology</i> , <b>2016</b> , 127, 3252-8	4.3	4
341	Neurophysiological features of motor cortex excitability and plasticity in Subcortical Ischemic Vascular Dementia: a TMS mapping study. <i>Clinical Neurophysiology</i> , <b>2015</b> , 126, 906-13	4.3	31
340	Retinal origin of electrically evoked potentials in response to transcorneal alternating current stimulation in the rat. <i>Investigative Ophthalmology and Visual Science</i> , <b>2015</b> , 56, 1711-8		28
339	Primary fibroblasts cultures reveal TDP-43 abnormalities in amyotrophic lateral sclerosis patients with and without SOD1 mutations. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 2005.e5-2005.e13	5.6	34
338	Distinct lymphocytes subsets in IgM-related neuropathy: clinical-immunological correlations. <i>Neurological Sciences</i> , <b>2015</b> , 36, 303-8	3.5	2
337	Cortical Brain Connectivity and B-Type Natriuretic Peptide in Patients With Congestive Heart Failure. <i>Clinical EEG and Neuroscience</i> , <b>2015</b> , 46, 224-9	2.3	11
336	Acyclovir-related kidney injury during alemtuzumab infusion. <i>Journal of Neurology</i> , <b>2015</b> , 262, 1772-4	5.5	1
335	Prefrontal cortex as a compensatory network in ataxic gait: a correlation study between cortical activity and gait parameters. <i>Restorative Neurology and Neuroscience</i> , <b>2015</b> , 33, 177-87	2.8	14
334	Impaired pain processing in patients with silent myocardial ischemia. <i>International Journal of Cardiology</i> , <b>2015</b> , 186, 204-6	3.2	2
333	Electromagnetic fields and EEG spiking rate in patients with focal epilepsy. <i>Clinical Neurophysiology</i> , <b>2015</b> , 126, 659-66	4.3	12
332	Toward the Development of a Neuro-Controlled Bidirectional Hand Prosthesis. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 105-110	0.9	
331	Antiretroviral therapy effects on sources of cortical rhythms in HIV subjects: responders vs. mild responders. <i>Clinical Neurophysiology</i> , <b>2015</b> , 126, 68-81	4.3	6
330	Cortical connectivity in fronto-temporal focal epilepsy from EEG analysis: A study via graph theory. <i>Clinical Neurophysiology</i> , <b>2015</b> , 126, 1108-1116	4.3	46
329	Cortical brain connectivity evaluated by graph theory in dementia: a correlation study between functional and structural data. <i>Journal of Alzheimer's Disease</i> , <b>2015</b> , 45, 745-56	4.3	49
328	Idiopathic inflammatory myopathies evaluated by near-infrared spectroscopy. <i>Muscle and Nerve</i> , <b>2015</b> , 51, 830-7	3.4	1
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30	Transcranial magnetic stimulation reveals an interhemispheric asymmetry of cortical inhibition in focal epilepsy. <i>NeuroReport</i> , <b>2000</b> , 11, 701-7	1.7	42
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25	Intracortical excitatory and inhibitory phenomena to paired transcranial magnetic stimulation in healthy human subjects: differences between the right and left hemisphere. <i>Neuroscience Letters</i> , <b>2000</b> , 288, 171-4	3.3	33
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15	Functional localization of the sensory hand area with respect to the motor central gyrus knob. <i>NeuroReport</i> , <b>1999</b> , 10, 3809-14	1.7	39
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12	Modulation of corticospinal output to human hand muscles following deprivation of sensory feedback. <i>NeuroImage</i> , <b>1998</b> , 8, 163-75	7.9	61
11	Interhemispheric differences of hand muscle representation in human motor cortex. <i>Muscle and Nerve</i> , <b>1997</b> , 20, 535-42	3.4	112
10	Mapping of motor cortical reorganization after stroke. A brain stimulation study with focal magnetic pulses. <i>Stroke</i> , <b>1997</b> , 28, 110-7	6.7	291
9	N30 in PD. <i>Neurology</i> , <b>1996</b> , 47, 303-4; author reply 304-6	6.5	6
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5	Sudomotor skin responses to brain stimulation do not depend on nerve sensory fiber functionality. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , <b>1993</b> , 89, 447-51		13
4	Stability of Thin-Film Metallization in Flexible Stimulation Electrodes: Analysis and Improvement of in vivo Performance		1
3	A psychometric platform to collect somatosensory sensations for neuroprosthetic use		3
2	Source-level EEG and graph theory reveal widespread functional network alterations in focal epilepsy		1
1	A closed-loop hand prosthesis with simultaneous intraneural tactile and position feedback		1

