Giacomo KOch

List of Publications by Year
in descending order

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265 papers	15,959 citations	15466 65 h-index	24915 109 g-index
266 all docs	266 docs citations	266 times ranked	14000 citing authors

#	Article	IF	Citations
1	Consensus Paper: Novel Directions and Next Steps of Non-invasive Brain Stimulation of the Cerebellum in Health and Disease. Cerebellum, 2022, 21, 1092-1122.	1.4	32
2	Feeling of Ownership over an Embodied Avatar's Hand Brings About Fast Changes of Fronto-Parietal Cortical Dynamics. Journal of Neuroscience, 2022, 42, 692-701.	1.7	29
3	Alzheimer disease and neuroplasticity. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2022, 184, 473-479.	1.0	12
4	Toward noninvasive brain stimulation 2.0 in Alzheimerâ€™s disease. Ageing Research Reviews, 2022, 75, 101555.	5.0	37
5	Altered motor cortex physiology and dysexecutive syndrome in patients with fatigue and cognitive difficulties after mild COVIDâ€19. European Journal of Neurology, 2022, 29, 1652-1662.	1.7	44
6	Isolated Amyloid-Î² Pathology Is Associated with Preserved Cortical Plasticity in APOE4 Alzheimerâ€™s Disease Patients. Journal of Alzheimer's Disease, 2022, 86, 773-778.	1.2	2
7	A multicenter, randomized, double-blind, placebo-controlled trial to test efficacy and safety of transcranial direct current stimulation to the motor cortex after stroke (NETS): study protocol. Neurological Research and Practice, 2022, 4, 14.	1.0	1
8	Transcranial magnetic stimulation of the brain: What is stimulated? â€“ A consensus and critical position paper. Clinical Neurophysiology, 2022, 140, 59-97.	0.7	124
9	Decreased Frontal Gamma Activity in Alzheimer Disease Patients. Annals of Neurology, 2022, 92, 464-475.	2.8	24
10	Local and Distributed fMRI Changes Induced by 40â€‰Hz Gamma tACS of the Bilateral Dorsolateral Prefrontal Cortex: A Pilot Study. Neural Plasticity, 2022, 2022, 1-14.	1.0	5
11	Mechanical Thrombectomy for Acute Intracranial Carotid Occlusion with Patent Intracranial Arteries. Clinical Neuroradiology, 2021, 31, 21-29.	1.0	8
12	Neuropsychological and neurophysiological correlates of fatigue in post-acute patients with neurological manifestations of COVID-19: Insights into a challenging symptom. Journal of the Neurological Sciences, 2021, 420, 117271.	0.3	181
13	Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. Clinical Neurophysiology, 2021, 132, 269-306.	0.7	553
14	Disentangling EEG responses to TMS due to cortical and peripheral activations. Brain Stimulation, 2021, 14, 4-18.	0.7	126
15	Synaptic impairment: The new battlefield of Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, 314-315.	0.4	10
16	Selective Asymmetry of Ocular Vestibular-Evoked Myogenic Potential in Patients with Acute Utricular Macula Loss. Journal of International Advanced Otology, 2021, 17, 58-63.	1.0	9
17	Classification accuracy of TMS for the diagnosis of mild cognitive impairment. Brain Stimulation, 2021, 14, 241-249.	0.7	35
18	Response letter to comments on "Cortico-cortical connectivity: the road from basic neurophysiological interactions to therapeutic applications" by Zibman and Zangen. Experimental Brain Research, 2021, 239, 1685-1686.	0.7	2

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19	Haemodynamic impairment along the Alzheimerâ€™s disease continuum. European Journal of Neurology, 2021, 28, 2168-2173.	1.7	7
20	Intracortical GABAergic dysfunction in patients with fatigue and dysexecutive syndrome after COVID-19. Clinical Neurophysiology, 2021, 132, 1138-1143.	0.7	54
21	Copper Imbalance in Alzheimerâ€™s Disease: Meta-Analysis of Serum, Plasma, and Brain Specimens, and Replication Study Evaluating ATP7B Gene Variants. Biomolecules, 2021, 11, 960.	1.8	33
22	The structural connectome and motor recovery after stroke: predicting natural recovery. Brain, 2021, 144, 2107-2119.	3.7	41
23	Cognitive reserve and Alzheimer's biological continuum: clues for prediction and prevention of dementia. Minerva Medica, 2021, 112, 441-447.	0.3	10
24	Ventral Tegmental Area Disconnection Contributes Two Years Early to Correctly Classify Patients Converted to Alzheimerâ€™s Disease: Implications for Treatment. Journal of Alzheimer's Disease, 2021, 82, 985-1000.	1.2	16
25	Diabetes mellitus contributes to higher cerebrospinal fluid tau levels selectively in Alzheimer's disease patients with the APOE4 genotype. European Journal of Neurology, 2021, 28, 3965-3971.	1.7	7
26	Experimental Protocol to Test Explicit Motor Learningâ€“Cerebellar Theta Burst Stimulation. Frontiers in Rehabilitation Sciences, 2021, 2, .	0.5	1
27	Brain energy metabolism and neurodegeneration: hints from CSF lactate levels in dementias. Neurobiology of Aging, 2021, 105, 333-339.	1.5	14
28	Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. Clinical Neurophysiology, 2021, 132, 2568-2607.	0.7	85
29	Large-scale analysis of interindividual variability in single and paired-pulse TMS data. Clinical Neurophysiology, 2021, 132, 2639-2653.	0.7	36
30	C57BL/6J and DBA/2J strains present opposite sex differences in flash visual evoked potential latency: A possible confusing factor in gender studies on neurological diseasesâ€™ transgenic models. Brain Research Bulletin, 2021, 176, 18-24.	1.4	0
31	Evidence for interhemispheric imbalance in stroke patients as revealed by combining transcranial magnetic stimulation and electroencephalography. Human Brain Mapping, 2021, 42, 1343-1358.	1.9	46
32	Gammaâ€induction in frontotemporal dementia (GIFTeD) randomized placeboâ€controlled trial: Rationale, noninvasive brain stimulation protocol, and study design. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2021, 7, e12219.	1.8	2
33	Novel TMS-EEG indexes to investigate interhemispheric dynamics in humans. Clinical Neurophysiology, 2020, 131, 70-77.	0.7	42
34	Non-invasive brain stimulation: From brain physiology to clinical opportunity. Neuroscience Letters, 2020, 719, 134496.	1.0	3
35	Transcranial magnetic stimulation: Emerging biomarkers and novel therapeutics in Alzheimerâ€™s disease. Neuroscience Letters, 2020, 719, 134355.	1.0	23
36	Improving visuo-motor learning with cerebellar theta burst stimulation: Behavioral and neurophysiological evidence. NeuroImage, 2020, 208, 116424.	2.1	46

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37	Cerebellar Intermittent Theta-Burst Stimulation Combined with Vestibular Rehabilitation Improves Gait and Balance in Patients with Multiple Sclerosis: a Preliminary Double-Blind Randomized Controlled Trial. Cerebellum, 2020, 19, 897-901.	1.4	33
38	Pearl and pitfalls in brain functional analysis by event-related potentials: a narrative review by the Italian Psychophysiology and Cognitive Neuroscience Society on methodological limits and clinical reliabilityâ€"part II. Neurological Sciences, 2020, 41, 3503-3515.	0.9	11
39	Large-scale analysis of interindividual variability in theta-burst stimulation data: Results from the â€˜Big TMS Data Collaborationâ€™. Brain Stimulation, 2020, 13, 1476-1488.	0.7	81
40	Cortico-cortical connectivity: the road from basic neurophysiological interactions to therapeutic applications. Experimental Brain Research, 2020, 238, 1677-1684.	0.7	31
41	Effect of Rotigotine vs Placebo on Cognitive Functions Among Patients With Mild to Moderate Alzheimer Disease. JAMA Network Open, 2020, 3, e2010372.	2.8	34
42	Pearls and pitfalls in brain functional analysis by event-related potentials: a narrative review by the Italian Psychophysiology and Cognitive Neuroscience Society on methodological limits and clinical reliabilityâ€"part I. Neurological Sciences, 2020, 41, 2711-2735.	0.9	19
43	LTP-like cortical plasticity predicts conversion to dementia in patients with memory impairment. Brain Stimulation, 2020, 13, 1175-1182.	0.7	51
44	Intermittent Cerebellar Theta Burst Stimulation Improves Visuo-motor Learning in Stroke Patients: a Pilot Study. Cerebellum, 2020, 19, 739-743.	1.4	15
45	Effects of Cerebellar Theta Burst Stimulation on Contralateral Motor Cortex Excitability in Patients with Alzheimerâ€™s Disease. Brain Topography, 2020, 33, 613-617.	0.8	26
46	Protective Role of Cerebrospinal Fluid Inflammatory Cytokines in Patients with Amnestic Mild Cognitive Impairment and Early Alzheimerâ€™s Disease Carrying Apolipoprotein E4 Genotype. Journal of Alzheimer's Disease, 2020, 76, 681-689.	1.2	27
47	Out with the Old and in with the New: the Contribution of Prefrontal and Cerebellar Areas to Backward Inhibition. Cerebellum, 2020, 19, 426-436.	1.4	7
48	Effects of Palmitoylethanolamide Combined with Luteoline on Frontal Lobe Functions, High Frequency Oscillations, and GABAergic Transmission in Patients with Frontotemporal Dementia. Journal of Alzheimer's Disease, 2020, 76, 1297-1308.	1.2	26
49	Health-related quality of life (HRQoL) after stroke: Positive relationship between lower extremity and balance recovery. Topics in Stroke Rehabilitation, 2020, 27, 534-540.	1.0	21
50	Classification Accuracy of Transcranial Magnetic Stimulation for the Diagnosis of Neurodegenerative Dementias. Annals of Neurology, 2020, 87, 394-404.	2.8	65
51	Ventral tegmental area dysfunction affects decision-making in patients with myotonic dystrophy type-1. Cortex, 2020, 128, 192-202.	1.1	7
52	The role of epsilon phenotype in brain glucose consumption in Alzheimerâ€™s disease. Annals of Nuclear Medicine, 2020, 34, 254-262.	1.2	4
53	Transcranial Magnetic Stimulation in Dementia: From Pathophysiology to Treatment. , 2020, , 161-173.		0
54	Interrogating cortical function with transcranial magnetic stimulation: insights from neurodegenerative disease and stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 47-57.	0.9	29

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55	Neurophysiological and clinical effects of blindfolded balance training (BBT) in Parkinson's disease patients: a preliminary study. European Journal of Physical and Rehabilitation Medicine, 2019, 55, 176-182.	1.1	21
56	Selection of anterior circulation acute stroke patients for mechanical thrombectomy. Journal of Neurology, 2019, 266, 2620-2628.	1.8	8
57	Abnormal cerebellar connectivity and plasticity in isolated cervical dystonia. PLoS ONE, 2019, 14, e0211367.	1.1	25
58	Safety and Efficacy of Reperfusion Therapies for Acute Ischemic Stroke Patients with Active Malignancy. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 2287-2291.	0.7	20
59	An association between bipolar disorder and Parkinson disease. Neurology, 2019, 92, 1125-1126.	1.5	6
60	The new era of TMS-EEG: Moving towards the clinical practice. Clinical Neurophysiology, 2019, 130, 791-792.	0.7	7
61	Heparin during endovascular stroke treatment seems safe. Journal of Neuroradiology, 2019, 46, 373-377.	0.6	5
62	Age-related changes in brain deactivation but not in activation after motor learning. NeuroImage, 2019, 186, 358-368.	2.1	28
63	Effect of Cerebellar Stimulation on Gait and Balance Recovery in Patients With Hemiparetic Stroke. JAMA Neurology, 2019, 76, 170.	4.5	118
64	LTP-like cortical plasticity is associated with verbal memory impairment in Alzheimer's disease patients. Brain Stimulation, 2019, 12, 148-151.	0.7	46
65	Dynamic reorganization of TMS-evoked activity in subcortical stroke patients. NeuroImage, 2018, 175, 365-378.	2.1	52
66	Mechanical thrombectomy of acute ischemic stroke with a new intermediate aspiration catheter: preliminary results. Journal of NeuroInterventional Surgery, 2018, 10, 975-977.	2.0	12
67	Lacosamide in the Management of Behavioral Symptoms in Frontotemporal Dementia. Alzheimer Disease and Associated Disorders, 2018, 32, 364-365.	0.6	4
68	Transcranial magnetic stimulation of the precuneus enhances memory and neural activity in prodromal Alzheimer's disease. NeuroImage, 2018, 169, 302-311.	2.1	234
69	Pretreatment predictors of malignant evolution in patients with ischemic stroke undergoing mechanical thrombectomy. Journal of NeuroInterventional Surgery, 2018, 10, 340-344.	2.0	27
70	Effect of mechanical thrombectomy alone or in combination with intravenous thrombolysis for acute ischemic stroke. Journal of Neurology, 2018, 265, 2875-2880.	1.8	26
71	Impaired Spike Timing Dependent Cortico-Cortical Plasticity in Alzheimerâ€™s Disease Patients. Journal of Alzheimer's Disease, 2018, 66, 983-991.	1.2	43
72	The impact of transcranial magnetic stimulation on diagnostic confidence in patients with Alzheimer disease. Alzheimer's Research and Therapy, 2018, 10, 94.	3.0	37

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73	Osteopathic Manipulative Therapy Potentiates Motor Cortical Plasticity. Journal of the American Osteopathic Association, The, 2018, 118, 396.	1.7	28
74	Dysfunctional inhibitory control in Parkinsonâ€™s disease patients with levodopa-induced dyskinesias. Journal of Neurology, 2018, 265, 2088-2096.	1.8	23
75	Amyloid-Mediated Cholinergic Dysfunction in Motor Impairment Related to Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2018, 64, 525-532.	1.2	59
76	Transcranial magnetic stimulation predicts cognitive decline in patients withÂAlzheimerâ€™s disease. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 1237-1242.	0.9	64
77	Endovascular Stroke Treatment of Acute Tandem Occlusion: A Single-Center Experience. Journal of Vascular and Interventional Radiology, 2017, 28, 543-549.	0.2	25
78	Impaired intracortical transmission in G2019S leucine richâ€repeat kinase Parkinson patients. Movement Disorders, 2017, 32, 750-756.	2.2	16
79	Efficacy and Safety of Mechanical Thrombectomy in Older Adults with Acute Ischemic Stoke. Journal of the American Geriatrics Society, 2017, 65, 1816-1820.	1.3	26
80	Reply Letter to â€œDoes motor cortex plasticity depend on the type of mutation in the LRRK2 gene?â€• Movement Disorders, 2017, 32, 949-949.	2.2	2
81	A role for NMDAR-dependent cerebellar plasticity in adaptive control of saccades in humans. Brain Stimulation, 2017, 10, 817-827.	0.7	10
82	CT Angiography ASPECTS Predicts Outcome Much Better Than Noncontrast CT in Patients with Stroke Treated Endovascularly. American Journal of Neuroradiology, 2017, 38, 1569-1573.	1.2	20
83	TMS-evoked long-lasting artefacts: A new adaptive algorithm for EEG signal correction. Clinical Neurophysiology, 2017, 128, 1563-1574.	0.7	41
84	Realâ€time activation of central cholinergic circuits during recognition memory. European Journal of Neuroscience, 2017, 45, 1485-1489.	1.2	32
85	Theta Burst Stimulation of the Precuneus Modulates Resting State Connectivity in the Left Temporal Pole. Brain Topography, 2017, 30, 312-319.	0.8	24
86	After Effects of Cerebellar Continuous Theta Burst Stimulation on Reflexive Saccades and Smooth Pursuit in Humans. Cerebellum, 2017, 16, 764-771.	1.4	5
87	CT angiography-based collateral flow and time to reperfusion are strong predictors of outcome in endovascular treatment of patients with stroke. Journal of NeuroInterventional Surgery, 2017, 9, 940-943.	2.0	46
88	CSF tau is associated with impaired cortical plasticity, cognitive decline and astrocyte survival only in APOE4-positive Alzheimerâ€™s disease. Scientific Reports, 2017, 7, 13728.	1.6	57
89	Damage to the Frontal Aslant Tract Accounts for Visuo-Constructive Deficits in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2017, 60, 1015-1024.	1.2	13
90	Letter by Sallustio et al Regarding Article, â€œEndovascular Thrombectomy and Stroke Physicians: Equity, Access, and Standardsâ€• Stroke, 2017, 48, e317.	1.0	1

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91	O176 LTP-like cortical plasticity in ad patients: A novel biomarker of disease progression. Clinical Neurophysiology, 2017, 128, e235.	0.7	0
92	Reply to: Efficacy and Safety of Mechanical Thrombectomy in Older Adults with Acute Ischemic Stroke: Methodological Concerns. Journal of the American Geriatrics Society, 2017, 65, 2113-2114.	1.3	1
93	Transcranial magnetic stimulation distinguishes Alzheimer disease from frontotemporal dementia. Neurology, 2017, 89, 665-672.	1.5	95
94	Functional correlates of TSH, fT3 and fT4 in Alzheimer disease: a F-18 FDG PET/CT study. Scientific Reports, 2017, 7, 6220.	1.6	20
95	Left hemispheric breakdown of LTP-like cortico-cortical plasticity in schizophrenic patients. Clinical Neurophysiology, 2017, 128, 2037-2042.	0.7	10
96	Subthalamic stimulation and levodopa modulate cortical reactivity in Parkinson's patients. Parkinsonism and Related Disorders, 2017, 34, 31-37.	1.1	34
97	Restored Asymmetry of Prefrontal Cortical Oscillatory Activity after Bilateral Theta Burst Stimulation Treatment in a Patient with Major Depressive Disorder: A TMS-EEG Study. Brain Stimulation, 2017, 10, 147-149.	0.7	26
98	Integrated Methods of Neuromodulation for Guiding Recovery Following Stroke. Contemporary Clinical Neuroscience, 2017, , 183-191.	0.3	1
99	Altered inhibitory interaction among inferior frontal and motor cortex in <scp>l</scp>â€dopaâ€induced dyskinesias. Movement Disorders, 2016, 31, 755-759.	2.2	20
100	Longâ€term potentiationâ€“like cortical plasticity is disrupted in Alzheimer's disease patients independently from age of onset. Annals of Neurology, 2016, 80, 202-210.	2.8	79
101	Reversal of LTP-Like Cortical Plasticity in Alzheimerâ€™s Disease Patients with Tau-Related Faster Clinical Progression. Journal of Alzheimer's Disease, 2016, 50, 605-616.	1.2	51
102	Mild cerebello-thalamo-cortical impairment in patients with normal dopaminergic scans (SWEDD). Parkinsonism and Related Disorders, 2016, 28, 23-28.	1.1	20
103	Spike-timing-dependent plasticity in the human dorso-lateral prefrontal cortex. NeuroImage, 2016, 143, 204-213.	2.1	64
104	Paradoxical facilitation after depotentiation protocol can precede dyskinesia onset in early Parkinsonâ€™s disease. Experimental Brain Research, 2016, 234, 3659-3667.	0.7	10
105	Neuronal mechanisms of motor learning are age dependent. Neurobiology of Aging, 2016, 46, 149-159.	1.5	18
106	Comparison between Early-Onset and Late-Onset Alzheimer's Disease Patients with Amnestic Presentation: CSF and 18F-FDG PET Study. Dementia and Geriatric Cognitive Disorders Extra, 2016, 6, 108-119.	0.6	34
107	Network-Based Substrate of Cognitive Reserve in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 55, 421-430.	1.2	50
108	Stability and Harmony of Gait in Patients with Subacute Stroke. Journal of Medical and Biological Engineering, 2016, 36, 635-643.	1.0	52

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109	Cerebellar theta burst stimulation modulates the neural activity of interconnected parietal and motor areas. Scientific Reports, 2016, 6, 36191.	1.6	83
110	Reading changes in children and adolescents with dyslexia after transcranial direct current stimulation. NeuroReport, 2016, 27, 295-300.	0.6	55
111	Is cerebral glucose metabolism related to bloodâ€“brain barrier dysfunction and intrathecal IgG synthesis in Alzheimer disease?. Medicine (United States), 2016, 95, e4206.	0.4	18
112	Cerebellar Control on Prefrontal-Motor Connectivity During Movement Inhibition. Cerebellum, 2016, 15, 680-687.	1.4	27
113	Ongoing cumulative effects of single TMS pulses on corticospinal excitability: An intra- and inter-block investigation. Clinical Neurophysiology, 2016, 127, 621-628.	0.7	64
114	Clinical effects of non-invasive cerebellar magnetic stimulation treatment combined with neuromotor rehabilitation in traumatic brain injury. A single case study. Functional Neurology, 2016, 31, 117-20.	1.3	12
115	Cerebellar transcranial direct current stimulation in patients with ataxia: A double-blind, randomized, sham-controlled study. Movement Disorders, 2015, 30, 1701-1705.	2.2	100
116	Cerebrospinal Fluid AÎ²₄₂ Levels: When Physiological Become Pathological State. CNS Neuroscience and Therapeutics, 2015, 21, 921-925.	1.9	41
117	Future Scenarios for Levodopa-Induced Dyskinesias in ParkinsonÃ¢â‚¬â„¢s Disease. Frontiers in Neurology, 2015, 6, 76.	1.1	4
118	Cognitive reserve and the risk for Alzheimer's disease: a longitudinal study. Neurobiology of Aging, 2015, 36, 592-600.	1.5	38
119	A network centred on the inferior frontal cortex is critically involved in levodopa-induced dyskinesias. Brain, 2015, 138, 414-427.	3.7	83
120	Functional Anatomy of the Thalamus as a Model of Integrated Structural and Functional Connectivity of the Human Brain In Vivo. Brain Topography, 2015, 28, 548-558.	0.8	14
121	The Impact of Cognitive Reserve on Brain Functional Connectivity in Alzheimer's Disease. Journal of Alzheimer's Disease, 2015, 44, 243-250.	1.2	100
122	TMS evidence for a selective role of the precuneus in source memory retrieval. Behavioural Brain Research, 2015, 282, 70-75.	1.2	56
123	Functional correlates of t-Tau, p-Tau and AÎ²1â€“42 amyloid cerebrospinal fluid levels in Alzheimerâ€™s disease. Nuclear Medicine Communications, 2015, 36, 461-468.	0.5	22
124	Combining TMS-EEG with transcranial direct current stimulation language treatment in aphasia. Expert Review of Neurotherapeutics, 2015, 15, 833-845.	1.4	39
125	Role of the anterior temporal lobes in semantic representations: Paradoxical results of a cTBS study. Neuropsychologia, 2015, 76, 163-169.	0.7	21
126	Is Motor Inhibition Mediated by Cerebello-cortical Interactions?. Cerebellum, 2015, 14, 47-49.	1.4	38

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127	Strategic Lesions in the Anterior Thalamic Radiation and Apathy in Early Alzheimer's Disease. PLoS ONE, 2015, 10, e0124998.	1.1	47
128	How genetics affects the brain to produce higher-level dysfunctions in myotonic dystrophy type 1. Functional Neurology, 2015, 30, 21-31.	1.3	27
129	Ã¢â‚¬Å“Is dopamine involved in Alzheimer's disease?Ã¢â‚¬Â• Frontiers in Aging Neuroscience, 2014, 6, 252.	1.7	202
130	Homotaurine Induces Measurable Changes of Short Latency Afferent Inhibition in a Group of Mild Cognitive Impairment Individuals. Frontiers in Aging Neuroscience, 2014, 6, 254.	1.7	34
131	Maladaptive Plasticity in Levodopa-Induced Dyskinesias and Tardive Dyskinesias: Old and New Insights on the Effects of Dopamine Receptor Pharmacology. Frontiers in Neurology, 2014, 5, 49.	1.1	28
132	Abnormal Asymmetry of Brain Connectivity in Schizophrenia. Frontiers in Human Neuroscience, 2014, 8, 1010.	1.0	126
133	Network Based Statistical Analysis Detects Changes Induced by Continuous Theta-Burst Stimulation on Brain Activity at Rest. Frontiers in Psychiatry, 2014, 5, 97.	1.3	22
134	Prefrontal Control over Motor Cortex Cycles at Beta Frequency during Movement Inhibition. Current Biology, 2014, 24, 2940-2945.	1.8	122
135	Cerebellar theta burst stimulation dissociates memory components in eyeblink classical conditioning. European Journal of Neuroscience, 2014, 40, 3363-3370.	1.2	41
136	Dopaminergic Modulation of Cortical Plasticity in Alzheimerâ€™s Disease Patients. Neuropsychopharmacology, 2014, 39, 2654-2661.	2.8	121
137	Parieto-motor Cortical Dysfunction in Primary Cervical Dystonia. Brain Stimulation, 2014, 7, 650-657.	0.7	14
138	Selective deficit of spatial short-term memory: Role of storage and rehearsal mechanisms. Cortex, 2014, 59, 22-32.	1.1	24
139	Theta Burst Stimulation Modulates Cerebellar-Cortical Connectivity in Patients with Progressive Supranuclear Palsy. Brain Stimulation, 2014, 7, 29-35.	0.7	58
140	Effects of Two Weeks of Cerebellar Theta Burst Stimulation in Cervical Dystonia Patients. Brain Stimulation, 2014, 7, 564-572.	0.7	124
141	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). Clinical Neurophysiology, 2014, 125, 2150-2206.	0.7	1,647
142	Magnetic stimulation of the cerebellum. Moving towards the clinic. Functional Neurology, 2014, 29, 5.	1.3	2
143	Cerebellar theta burst stimulation in stroke patients with ataxia. Functional Neurology, 2014, 29, 41-5.	1.3	50
144	Transcranial direct current stimulation of the affected hemisphere does not accelerate recovery of acute stroke patients. European Journal of Neurology, 2013, 20, 202-204.	1.7	129

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145	Cerebellar Contribution to Mental Rotation: a cTBS Study. Cerebellum, 2013, 12, 856-861.	1.4	25
146	Parieto-motor functional connectivity is impaired in Parkinson's disease. Brain Stimulation, 2013, 6, 147-154.	0.7	13
147	Study of Cerebello-Thalamocortical Pathway by Transcranial Magnetic Stimulation in Parkinson's Disease. Brain Stimulation, 2013, 6, 582-589.	0.7	75
148	To the Other Side of the Neglected Brain. Neuroscientist, 2013, 19, 208-217.	2.6	18
149	Perceptual Pseudoneglect in Schizophrenia: Candidate Endophenotype and the Role of the Right Parietal Cortex. Schizophrenia Bulletin, 2013, 39, 601-607.	2.3	38
150	Bihemispheric stimulation over left and right inferior frontal region enhances recovery from apraxia of speech in chronic aphasia. European Journal of Neuroscience, 2013, 38, 3370-3377.	1.2	72
151	Intra-arterial Thrombectomy versus Standard Intravenous Thrombolysis in Patients with Anterior Circulation Stroke Caused by Intracranial Arterial Occlusions: A Single-center Experience. Journal of Stroke and Cerebrovascular Diseases, 2013, 22, e323-e331.	0.7	30
152	Temporal accuracy and variability in the left and right posterior parietal cortex. Neuroscience, 2013, 245, 121-128.	1.1	76
153	Theta burst stimulation improves visuo-spatial attention in a patient with traumatic brain injury. Neurological Sciences, 2013, 34, 2053-2056.	0.9	42
154	Hebbian and Anti-Hebbian Spike-Timing-Dependent Plasticity of Human Cortico-Cortical Connections. Journal of Neuroscience, 2013, 33, 9725-9733.	1.7	132
155	Dopamine D2-agonist Rotigotine effects on cortical excitability and central cholinergic transmission in Alzheimer's disease patients. Neuropharmacology, 2013, 64, 108-113.	2.0	84
156	Paired Associative Stimulation Enforces the Communication between Interconnected Areas. Journal of Neuroscience, 2013, 33, 13773-13783.	1.7	112
157	Frailty Among Alzheimerâ€™s Disease Patients. CNS and Neurological Disorders - Drug Targets, 2013, 12, 507-511.	0.8	36
158	The Right Frontopolar Cortex Is Involved in Visual-Spatial Prospective Memory. PLoS ONE, 2013, 8, e56039.	1.1	24
159	Continuous Theta Burst Stimulation (cTBS) on Left Cerebellar Hemisphere Affects Mental Rotation Tasks during Music Listening. PLoS ONE, 2013, 8, e64640.	1.1	11
160	Cerebellar theta burst stimulation modulates short latency afferent inhibition in Alzheimer's disease patients. Frontiers in Aging Neuroscience, 2013, 5, 2.	1.7	48
161	Do Studies on Cortical Plasticity Provide a Rationale for Using Non-Invasive Brain Stimulation as a Treatment for Parkinsonâ€™s Disease Patients?. Frontiers in Neurology, 2013, 4, 180.	1.1	32
162	Stroke Prevention: Managing Modifiable Risk Factors. Stroke Research and Treatment, 2012, 2012, 1-15.	0.5	22

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163	Theta-burst stimulation of the left hemisphere accelerates recovery of hemispatial neglect. Neurology, 2012, 78, 24-30.	1.5	182
164	Safety of Early Carotid Artery Stenting after Systemic Thrombolysis: A Single Center Experience. Stroke Research and Treatment, 2012, 2012, 1-5.	0.5	13
165	Altered Parietal-Motor Connections in Alzheimer's Disease Patients. Journal of Alzheimer's Disease, 2012, 33, 525-533.	1.2	27
166	Response to the letter: â€˜Transcranial direct current stimulation (t<scp>DCS</scp>) in acute stroke patientsâ€™. European Journal of Neurology, 2012, 19, e95.	1.7	0
167	Metabolic changes induced by theta burst stimulation of the cerebellum in dyskinetic Parkinsonâ€™s disease patients. Parkinsonism and Related Disorders, 2012, 18, 59-62.	1.1	51
168	Acute stroke treatment using the Penumbra endovascular mechanical thrombolysis device: a single-centre experience. Radiologia Medica, 2012, 117, 1199-1214.	4.7	3
169	Impaired LTP- but not LTD-Like Cortical Plasticity in Alzheimer's Disease Patients. Journal of Alzheimer's Disease, 2012, 31, 593-599.	1.2	127
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