Giacomo KOch

List of Publications by Year
in descending order

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Version: 2024-02-01

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	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). Clinical Neurophysiology, 2014, 125, 2150-2206.	0.7	1,647
2	A common polymorphism in the brainâ€derived neurotrophic factor gene (BDNF) modulates human cortical plasticity and the response to rTMS. Journal of Physiology, 2008, 586, 5717-5725.	1.3	592
3	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
4	Transcranial magnetic stimulation of the precuneus enhances memory and neural activity in prodromal Alzheimer's disease. NeuroImage, 2018, 169, 302-311.	2.1	234
5	Effects of Anodal Transcranial Direct Current Stimulation on Chronic Neuropathic Pain in Patients With Multiple Sclerosis. Journal of Pain, 2010, 11, 436-442.	0.7	215
6	Time Course of Functional Connectivity between Dorsal Premotor and Contralateral Motor Cortex during Movement Selection. Journal of Neuroscience, 2006, 26, 7452-7459.	1.7	202
7	Focal Stimulation of the Posterior Parietal Cortex Increases the Excitability of the Ipsilateral Motor Cortex. Journal of Neuroscience, 2007, 27, 6815-6822.	1.7	202
8	Ã¢â‚¬Å“Is dopamine involved in Alzheimer's disease?Ã¢â‚¬Â• Frontiers in Aging Neuroscience, 2014, 6, 252.	1.7	202
9	Hyperexcitability of parietal-motor functional connections in the intact left-hemisphere of patients with neglect. Brain, 2008, 131, 3147-3155.	3.7	201
10	Theta-burst stimulation of the left hemisphere accelerates recovery of hemispatial neglect. Neurology, 2012, 78, 24-30.	1.5	182
11	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
12	Cerebellar magnetic stimulation decreases levodopa-induced dyskinesias in Parkinson disease. Neurology, 2009, 73, 113-119.	1.5	178
13	Repetitive TMS of cerebellum interferes with millisecond time processing. Experimental Brain Research, 2007, 179, 291-299.	0.7	176
14	Changes in intracortical circuits of the human motor cortex following theta burst stimulation of the lateral cerebellum. Clinical Neurophysiology, 2008, 119, 2559-2569.	0.7	172
15	Role of the Cerebellum in Externally Paced Rhythmic Finger Movements. Journal of Neurophysiology, 2007, 98, 145-152.	0.9	151
16	Perceiving numbers alters time perception. Neuroscience Letters, 2008, 438, 308-311.	1.0	146
17	Neural networks engaged in milliseconds and seconds time processing: evidence from transcranial magnetic stimulation and patients with cortical or subcortical dysfunction. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1907-1918.	1.8	140
18	Long-Term Effects on Cortical Excitability and Motor Recovery Induced by Repeated Muscle Vibration in Chronic Stroke Patients. Neurorehabilitation and Neural Repair, 2011, 25, 48-60.	1.4	140

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19	Magnetic stimulation of human premotor or motor cortex produces interhemispheric facilitation through distinct pathways. Journal of Physiology, 2006, 572, 857-868.	1.3	139
20	Hebbian and Anti-Hebbian Spike-Timing-Dependent Plasticity of Human Cortico-Cortical Connections. Journal of Neuroscience, 2013, 33, 9725-9733.	1.7	132
21	Relativistic Compression and Expansion of Experiential Time in the Left and Right Space. PLoS ONE, 2008, 3, e1716.	1.1	130
22	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
23	Dopamine Modulates Cholinergic Cortical Excitability in Alzheimer's Disease Patients. Neuropsychopharmacology, 2009, 34, 2323-2328.	2.8	128
24	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
25	Abnormal Asymmetry of Brain Connectivity in Schizophrenia. Frontiers in Human Neuroscience, 2014, 8, 1010.	1.0	126
26	Disentangling EEG responses to TMS due to cortical and peripheral activations. Brain Stimulation, 2021, 14, 4-18.	0.7	126
27	Effects of Two Weeks of Cerebellar Theta Burst Stimulation in Cervical Dystonia Patients. Brain Stimulation, 2014, 7, 564-572.	0.7	124
28	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
29	In vivo definition of parieto-motor connections involved in planning of grasping movements. NeuroImage, 2010, 51, 300-312.	2.1	123
30	Beyond the Cholinergic Hypothesis: Do Current Drugs Work in Alzheimer's Disease?. CNS Neuroscience and Therapeutics, 2010, 16, 235-245.	1.9	122
31	Asymmetry of Parietal Interhemispheric Connections in Humans. Journal of Neuroscience, 2011, 31, 8967-8975.	1.7	122
32	Prefrontal Control over Motor Cortex Cycles at Beta Frequency during Movement Inhibition. Current Biology, 2014, 24, 2940-2945.	1.8	122
33	Dopaminergic Modulation of Cortical Plasticity in Alzheimerâ€™s Disease Patients. Neuropsychopharmacology, 2014, 39, 2654-2661.	2.8	121
34	Increased facilitation of the primary motor cortex following 1Hz repetitive transcranial magnetic stimulation of the contralateral cerebellum in normal humans. Neuroscience Letters, 2005, 376, 188-193.	1.0	120
35	Functional Interplay between Posterior Parietal and Ipsilateral Motor Cortex Revealed by Twin-Coil Transcranial Magnetic Stimulation during Reach Planning toward Contralateral Space. Journal of Neuroscience, 2008, 28, 5944-5953.	1.7	118
36	Effect of Cerebellar Stimulation on Gait and Balance Recovery in Patients With Hemiparetic Stroke. JAMA Neurology, 2019, 76, 170.	4.5	118

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37	Underestimation of time perception after repetitive transcranial magnetic stimulation. Neurology, 2003, 60, 1844-1846.	1.5	115
38	Paired Associative Stimulation Enforces the Communication between Interconnected Areas. Journal of Neuroscience, 2013, 33, 13773-13783.	1.7	112
39	Transcranial magnetic stimulation primes the effects of exercise therapy in multiple sclerosis. Journal of Neurology, 2011, 258, 1281-1287.	1.8	107
40	Effects of intermittent theta burst stimulation on spasticity in patients with multiple sclerosis. European Journal of Neurology, 2010, 17, 295-300.	1.7	104
41	Resonance of corticoâ€“cortical connections of the motor system with the observation of goal directed grasping movements. Neuropsychologia, 2010, 48, 3513-3520.	0.7	102
42	Impaired reproduction of second but not millisecond time intervals in Parkinson's disease. Neuropsychologia, 2008, 46, 1305-1313.	0.7	101
43	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
44	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
45	Interference of Left and Right Cerebellar rTMS with Procedural Learning. Journal of Cognitive Neuroscience, 2004, 16, 1605-1611.	1.1	98
46	Selective deficit of time perception in a patient with right prefrontal cortex lesion. Neurology, 2002, 59, 1658-1658.	1.5	97
47	TMS investigations into the task-dependent functional interplay between human posterior parietal and motor cortex. Behavioural Brain Research, 2009, 202, 147-152.	1.2	95
48	Cognitive and Cortical Plasticity Deficits Correlate with Altered Amyloid-Î² CSF Levels in Multiple Sclerosis. Neuropsychopharmacology, 2011, 36, 559-568.	2.8	95
49	Transcranial magnetic stimulation distinguishes Alzheimer disease from frontotemporal dementia. Neurology, 2017, 89, 665-672.	1.5	95
50	Inhibitory and facilitatory connectivity from ventral premotor to primary motor cortex in healthy humans at rest â€“ A bifocal TMS study. Clinical Neurophysiology, 2009, 120, 1724-1731.	0.7	90
51	Interactions between pairs of transcranial magnetic stimuli over the human left dorsal premotor cortex differ from those seen in primary motor cortex. Journal of Physiology, 2007, 578, 551-562.	1.3	89
52	Effects of motor cortex rTMS on lower urinary tract dysfunction in multiple sclerosis. Multiple Sclerosis Journal, 2007, 13, 269-271.	1.4	86
53	Low frequency rTMS of the SMA transiently ameliorates peak-dose LID in Parkinsonâ€™s disease. Clinical Neurophysiology, 2006, 117, 1917-1921.	0.7	85
54	Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. Clinical Neurophysiology, 2021, 132, 2568-2607.	0.7	85

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55	Different TMS patterns of intracortical inhibition in early onset Alzheimer dementia and frontotemporal dementia. Clinical Neurophysiology, 2004, 115, 2410-2418.	0.7	84
56	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
57	rTMS evidence of different delay and decision processes in a fronto-parietal neuronal network activated during spatial working memory. NeuroImage, 2005, 24, 34-39.	2.1	83
58	A network centred on the inferior frontal cortex is critically involved in levodopa-induced dyskinesias. Brain, 2015, 138, 414-427.	3.7	83
59	Cerebellar theta burst stimulation modulates the neural activity of interconnected parietal and motor areas. Scientific Reports, 2016, 6, 36191.	1.6	83
60	Effects of theta burst stimulation protocols on phosphene threshold. Clinical Neurophysiology, 2006, 117, 1808-1813.	0.7	81
61	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
62	Long-term effects on motor cortical excitability induced by repeated muscle vibration during contraction in healthy subjects. Journal of the Neurological Sciences, 2008, 275, 51-59.	0.3	80
63	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
64	Temporal accuracy and variability in the left and right posterior parietal cortex. Neuroscience, 2013, 245, 121-128.	1.1	76
65	Study of Cerebello-Thalamocortical Pathway by Transcranial Magnetic Stimulation in Parkinson's Disease. Brain Stimulation, 2013, 6, 582-589.	0.7	75
66	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
67	Spatialâ€“temporal interactions in the human brain. Experimental Brain Research, 2009, 195, 489-497.	0.7	67
68	Representation of time intervals in the right posterior parietal cortex: Implications for a mental time line. NeuroImage, 2009, 46, 1173-1179.	2.1	66
69	Classification Accuracy of Transcranial Magnetic Stimulation for the Diagnosis of Neurodegenerative Dementias. Annals of Neurology, 2020, 87, 394-404.	2.8	65
70	Spike-timing-dependent plasticity in the human dorso-lateral prefrontal cortex. NeuroImage, 2016, 143, 204-213.	2.1	64
71	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
72	Transcranial magnetic stimulation predicts cognitive decline in patients withÂAlzheimerâ€™s disease. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 1237-1242.	0.9	64

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73	The influence of rTMS over prefrontal and motor areas in a morphological task: Grammatical vs. semantic effects. Neuropsychologia, 2008, 46, 764-770.	0.7	63
74	TMS activation of interhemispheric pathways between the posterior parietal cortex and the contralateral motor cortex. Journal of Physiology, 2009, 587, 4281-4292.	1.3	62
75	Improvement of hand dexterity following motor cortex rTMS in multiple sclerosis patients with cerebellar impairment. Multiple Sclerosis Journal, 2008, 14, 995-998.	1.4	61
76	Abnormal brain lateralization and connectivity in Schizophrenia. Reviews in the Neurosciences, 2009, 20, 61-70.	1.4	59
77	Amyloid-Mediated Cholinergic Dysfunction in Motor Impairment Related to Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2018, 64, 525-532.	1.2	59
78	Theta Burst Stimulation Modulates Cerebellar-Cortical Connectivity in Patients with Progressive Supranuclear Palsy. Brain Stimulation, 2014, 7, 29-35.	0.7	58
79	Alzheimer's disease and frontal variant of frontotemporal dementia. Journal of Neurology, 2005, 252, 1238-1244.	1.8	57
80	Cortical networks of procedural learning: Evidence from cerebellar damage. Neuropsychologia, 2007, 45, 1208-1214.	0.7	57
81	The use of repetitive transcranial magnetic stimulation (rTMS) for the treatment of spasticity. Progress in Brain Research, 2009, 175, 429-439.	0.9	57
82	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
83	TMS evidence for a selective role of the precuneus in source memory retrieval. Behavioural Brain Research, 2015, 282, 70-75.	1.2	56
84	AD with subcortical white matter lesions and vascular dementia: CSF markers for differential diagnosis. Journal of the Neurological Sciences, 2005, 237, 83-88.	0.3	55
85	Reading changes in children and adolescents with dyslexia after transcranial direct current stimulation. NeuroReport, 2016, 27, 295-300.	0.6	55
86	Intracortical GABAergic dysfunction in patients with fatigue and dysexecutive syndrome after COVID-19. Clinical Neurophysiology, 2021, 132, 1138-1143.	0.7	54
87	Subthalamic deep brain stimulation improves time perception in Parkinsonâ€™s disease. NeuroReport, 2004, 15, 1071-1073.	0.6	52
88	Changes in Cerebello-motor Connectivity during Procedural Learning by Actual Execution and Observation. Journal of Cognitive Neuroscience, 2011, 23, 338-348.	1.1	52
89	Stability and Harmony of Gait in Patients with Subacute Stroke. Journal of Medical and Biological Engineering, 2016, 36, 635-643.	1.0	52
90	Dynamic reorganization of TMS-evoked activity in subcortical stroke patients. NeuroImage, 2018, 175, 365-378.	2.1	52

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91	Repetitive transcranial magnetic stimulation: a tool for human cerebellar plasticity. Functional Neurology, 2010, 25, 159-63.	1.3	52
92	Connectivity Between Posterior Parietal Cortex and Ipsilateral Motor Cortex Is Altered in Schizophrenia. Biological Psychiatry, 2008, 64, 815-819.	0.7	51
93	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
94	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
95	LTP-like cortical plasticity predicts conversion to dementia in patients with memory impairment. Brain Stimulation, 2020, 13, 1175-1182.	0.7	51
96	Effects of paired pulse TMS of primary somatosensory cortex on perception of a peripheral electrical stimulus. Experimental Brain Research, 2006, 172, 416-424.	0.7	50
97	Network-Based Substrate of Cognitive Reserve in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 55, 421-430.	1.2	50
98	Microstructural Damage of the Posterior Corpus Callosum Contributes to the Clinical Severity of Neglect. PLoS ONE, 2012, 7, e48079.	1.1	50
99	Cerebellar theta burst stimulation in stroke patients with ataxia. Functional Neurology, 2014, 29, 41-5.	1.3	50
100	Improvement of choreic movements by 1Hz repetitive transcranial magnetic stimulation in Huntington's disease patients. Annals of Neurology, 2005, 58, 655-656.	2.8	49
101	Effects of inhibitory rTMS on bladder function in Parkinson's disease patients. Movement Disorders, 2009, 24, 445-447.	2.2	49
102	Cerebellar theta burst stimulation modulates short latency afferent inhibition in Alzheimer's disease patients. Frontiers in Aging Neuroscience, 2013, 5, 2.	1.7	48
103	The What and How of Observational Learning. Journal of Cognitive Neuroscience, 2007, 19, 1656-1663.	1.1	47
104	The role of transcranial magnetic stimulation in the study of cerebellar cognitive function. Cerebellum, 2007, 6, 95-101.	1.4	47
105	Strategic Lesions in the Anterior Thalamic Radiation and Apathy in Early Alzheimer's Disease. PLoS ONE, 2015, 10, e0124998.	1.1	47
106	Altered dorsal premotorâ€“motor interhemispheric pathway activity in focal arm dystonia. Movement Disorders, 2008, 23, 660-668.	2.2	46
107	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
108	LTP-like cortical plasticity is associated with verbal memory impairment in Alzheimer's disease patients. Brain Stimulation, 2019, 12, 148-151.	0.7	46

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109	Improving visuo-motor learning with cerebellar theta burst stimulation: Behavioral and neurophysiological evidence. NeuroImage, 2020, 208, 116424.	2.1	46
110	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
111	Lack of effect of cannabis-based treatment on clinical and laboratory measures in multiple sclerosis. Neurological Sciences, 2009, 30, 531-534.	0.9	45
112	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
113	Altered dopamine modulation of LTD-like plasticity in Alzheimerâ€™s disease patients. Clinical Neurophysiology, 2011, 122, 703-707.	0.7	43
114	Impaired Spike Timing Dependent Cortico-Cortical Plasticity in Alzheimerâ€™s Disease Patients. Journal of Alzheimer's Disease, 2018, 66, 983-991.	1.2	43
115	Functional overlap between hand and forearm motor cortical representations during motor cognitive tasks. Clinical Neurophysiology, 2007, 118, 1767-1775.	0.7	42
116	Theta burst stimulation improves visuo-spatial attention in a patient with traumatic brain injury. Neurological Sciences, 2013, 34, 2053-2056.	0.9	42
117	Novel TMS-EEG indexes to investigate interhemispheric dynamics in humans. Clinical Neurophysiology, 2020, 131, 70-77.	0.7	42
118	Cerebellar theta burst stimulation dissociates memory components in eyeblink classical conditioning. European Journal of Neuroscience, 2014, 40, 3363-3370.	1.2	41
119	Cerebrospinal Fluid AÎ²₄₂ Levels: When Physiological Become Pathological State. CNS Neuroscience and Therapeutics, 2015, 21, 921-925.	1.9	41
120	TMS-evoked long-lasting artefacts: A new adaptive algorithm for EEG signal correction. Clinical Neurophysiology, 2017, 128, 1563-1574.	0.7	41
121	The structural connectome and motor recovery after stroke: predicting natural recovery. Brain, 2021, 144, 2107-2119.	3.7	41
122	Modulation of excitatory and inhibitory circuits for visual awareness in the human right parietal cortex. Experimental Brain Research, 2005, 160, 510-516.	0.7	40
123	Combining TMS-EEG with transcranial direct current stimulation language treatment in aphasia. Expert Review of Neurotherapeutics, 2015, 15, 833-845.	1.4	39
124	Pergolide effect on cognitive functions in early-mild Parkinson?s disease. Journal of Neural Transmission, 2005, 112, 231-237.	1.4	38
125	CSF Tau Levels Influence Cortical Plasticity in Alzheimer's Disease Patients. Journal of Alzheimer's Disease, 2011, 26, 181-186.	1.2	38
126	Perceptual Pseudoneglect in Schizophrenia: Candidate Endophenotype and the Role of the Right Parietal Cortex. Schizophrenia Bulletin, 2013, 39, 601-607.	2.3	38

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127	Cognitive reserve and the risk for Alzheimer's disease: a longitudinal study. Neurobiology of Aging, 2015, 36, 592-600.	1.5	38
128	Is Motor Inhibition Mediated by Cerebello-cortical Interactions?. Cerebellum, 2015, 14, 47-49.	1.4	38
129	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
130	Motor and Linguistic Linking of Space and Time in the Cerebellum. PLoS ONE, 2009, 4, e7933.	1.1	37
131	Toward noninvasive brain stimulation 2.0 in Alzheimerâ€™s disease. Ageing Research Reviews, 2022, 75, 101555.	5.0	37
132	Frailty Among Alzheimerâ€™s Disease Patients. CNS and Neurological Disorders - Drug Targets, 2013, 12, 507-511.	0.8	36
133	Large-scale analysis of interindividual variability in single and paired-pulse TMS data. Clinical Neurophysiology, 2021, 132, 2639-2653.	0.7	36
134	Classification accuracy of TMS for the diagnosis of mild cognitive impairment. Brain Stimulation, 2021, 14, 241-249.	0.7	35
135	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
136	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
137	Subthalamic stimulation and levodopa modulate cortical reactivity in Parkinson's patients. Parkinsonism and Related Disorders, 2017, 34, 31-37.	1.1	34
138	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
139	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
140	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
141	Memory for time intervals is impaired in left hemi-Parkinson patients. Neuropsychologia, 2005, 43, 1163-1167.	0.7	32
142	Recognition Memory and Prefrontal Cortex: Dissociating Recollection and Familiarity Processes Using rTMS. Behavioural Neurology, 2008, 19, 23-27.	1.1	32
143	Transcranial Magnetic Stimulation: From Neurophysiology to Pharmacology, Molecular Biology and Genomics. Neuroscientist, 2010, 16, 210-221.	2.6	32
144	Keeping Memory for Intentions: A cTBS Investigation of the Frontopolar Cortex. Cerebral Cortex, 2011, 21, 2696-2703.	1.6	32

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145	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
146	Realâ€time activation of central cholinergic circuits during recognition memory. European Journal of Neuroscience, 2017, 45, 1485-1489.	1.2	32
147	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
148	Cerebrospinal fluid levels of AÎ²42 relationship with cholinergic cortical activity in Alzheimerâ€™s disease patients. Journal of Neural Transmission, 2012, 119, 771-778.	1.4	31
149	Cortico-cortical connectivity: the road from basic neurophysiological interactions to therapeutic applications. Experimental Brain Research, 2020, 238, 1677-1684.	0.7	31
150	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
151	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
152	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
153	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
154	Osteopathic Manipulative Therapy Potentiates Motor Cortical Plasticity. Journal of the American Osteopathic Association, The, 2018, 118, 396.	1.7	28
155	Age-related changes in brain deactivation but not in activation after motor learning. NeuroImage, 2019, 186, 358-368.	2.1	28
156	Altered Parietal-Motor Connections in Alzheimer's Disease Patients. Journal of Alzheimer's Disease, 2012, 33, 525-533.	1.2	27
157	Cerebellar Control on Prefrontal-Motor Connectivity During Movement Inhibition. Cerebellum, 2016, 15, 680-687.	1.4	27
158	Pretreatment predictors of malignant evolution in patients with ischemic stroke undergoing mechanical thrombectomy. Journal of NeuroInterventional Surgery, 2018, 10, 340-344.	2.0	27
159	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
160	How genetics affects the brain to produce higher-level dysfunctions in myotonic dystrophy type 1. Functional Neurology, 2015, 30, 21-31.	1.3	27
161	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
162	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

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163	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
164	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
165	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
166	Temporal lobe epileptic activity mimicking dementia: a case report. European Journal of Neurology, 2005, 12, 805-806.	1.7	25
167	Adaptations of glutamatergic synapses in the striatum contribute to recovery from cerebellar damage. European Journal of Neuroscience, 2008, 27, 2188-2196.	1.2	25
168	Cerebellar Contribution to Mental Rotation: a cTBS Study. Cerebellum, 2013, 12, 856-861.	1.4	25
169	Endovascular Stroke Treatment of Acute Tandem Occlusion: A Single-Center Experience. Journal of Vascular and Interventional Radiology, 2017, 28, 543-549.	0.2	25
170	Abnormal cerebellar connectivity and plasticity in isolated cervical dystonia. PLoS ONE, 2019, 14, e0211367.	1.1	25
171	Cannabis-based treatment induces polarity-reversing plasticity assessed by theta burst stimulation in humans. Brain Stimulation, 2009, 2, 229-233.	0.7	24
172	Left hand dominance affects supra-second time processing. Frontiers in Integrative Neuroscience, 2011, 5, 65.	1.0	24
173	The Right Frontopolar Cortex Is Involved in Visual-Spatial Prospective Memory. PLoS ONE, 2013, 8, e56039.	1.1	24
174	Selective deficit of spatial short-term memory: Role of storage and rehearsal mechanisms. Cortex, 2014, 59, 22-32.	1.1	24
175	Theta Burst Stimulation of the Precuneus Modulates Resting State Connectivity in the Left Temporal Pole. Brain Topography, 2017, 30, 312-319.	0.8	24
176	Decreased Frontal Gamma Activity in Alzheimer Disease Patients. Annals of Neurology, 2022, 92, 464-475.	2.8	24
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178	Dysfunctional inhibitory control in Parkinsonâ€™s disease patients with levodopa-induced dyskinesias. Journal of Neurology, 2018, 265, 2088-2096.	1.8	23
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