

# Giacomo KOch

## List of Publications by Year in descending order

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265  
papers

15,959  
citations

15504

65  
h-index

24982

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). <i>Clinical Neurophysiology</i> , 2014, 125, 2150-2206.	1.5	1,647
2	A common polymorphism in the brain-derived neurotrophic factor gene (<i>BDNF</i>) modulates human cortical plasticity and the response to rTMS. <i>Journal of Physiology</i> , 2008, 586, 5717-5725.	2.9	592
3	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.	1.5	553
4	Transcranial magnetic stimulation of the precuneus enhances memory and neural activity in prodromal Alzheimer's disease. <i>NeuroImage</i> , 2018, 169, 302-311.	4.2	234
5	Effects of Anodal Transcranial Direct Current Stimulation on Chronic Neuropathic Pain in Patients With Multiple Sclerosis. <i>Journal of Pain</i> , 2010, 11, 436-442.	1.4	215
6	Time Course of Functional Connectivity between Dorsal Premotor and Contralateral Motor Cortex during Movement Selection. <i>Journal of Neuroscience</i> , 2006, 26, 7452-7459.	3.6	202
7	Focal Stimulation of the Posterior Parietal Cortex Increases the Excitability of the Ipsilateral Motor Cortex. <i>Journal of Neuroscience</i> , 2007, 27, 6815-6822.	3.6	202
8	“Is dopamine involved in Alzheimer's disease?” <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 252.	3.4	202
9	Hyperexcitability of parietal-motor functional connections in the intact left-hemisphere of patients with neglect. <i>Brain</i> , 2008, 131, 3147-3155.	7.6	201
10	Theta-burst stimulation of the left hemisphere accelerates recovery of hemispatial neglect. <i>Neurology</i> , 2012, 78, 24-30.	1.1	182
11	Neuropsychological and neurophysiological correlates of fatigue in post-acute patients with neurological manifestations of COVID-19: Insights into a challenging symptom. <i>Journal of the Neurological Sciences</i> , 2021, 420, 117271.	0.6	181
12	Cerebellar magnetic stimulation decreases levodopa-induced dyskinesias in Parkinson disease. <i>Neurology</i> , 2009, 73, 113-119.	1.1	178
13	Repetitive TMS of cerebellum interferes with millisecond time processing. <i>Experimental Brain Research</i> , 2007, 179, 291-299.	1.5	176
14	Changes in intracortical circuits of the human motor cortex following theta burst stimulation of the lateral cerebellum. <i>Clinical Neurophysiology</i> , 2008, 119, 2559-2569.	1.5	172
15	Role of the Cerebellum in Externally Paced Rhythmic Finger Movements. <i>Journal of Neurophysiology</i> , 2007, 98, 145-152.	1.8	151
16	Perceiving numbers alters time perception. <i>Neuroscience Letters</i> , 2008, 438, 308-311.	2.1	146
17	Neural networks engaged in milliseconds and seconds time processing: evidence from transcranial magnetic stimulation and patients with cortical or subcortical dysfunction. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 1907-1918.	4.0	140
18	Long-Term Effects on Cortical Excitability and Motor Recovery Induced by Repeated Muscle Vibration in Chronic Stroke Patients. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 48-60.	2.9	140

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19	Magnetic stimulation of human premotor or motor cortex produces interhemispheric facilitation through distinct pathways. <i>Journal of Physiology</i> , 2006, 572, 857-868.	2.9	139
20	Hebbian and Anti-Hebbian Spike-Timing-Dependent Plasticity of Human Cortico-Cortical Connections. <i>Journal of Neuroscience</i> , 2013, 33, 9725-9733.	3.6	132
21	Relativistic Compression and Expansion of Experiential Time in the Left and Right Space. <i>PLoS ONE</i> , 2008, 3, e1716.	2.5	130
22	Transcranial direct current stimulation of the affected hemisphere does not accelerate recovery of acute stroke patients. <i>European Journal of Neurology</i> , 2013, 20, 202-204.	3.3	129
23	Dopamine Modulates Cholinergic Cortical Excitability in Alzheimer's Disease Patients. <i>Neuropsychopharmacology</i> , 2009, 34, 2323-2328.	5.4	128
24	Impaired LTP- but not LTD-Like Cortical Plasticity in Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , 2012, 31, 593-599.	2.6	127
25	Abnormal Asymmetry of Brain Connectivity in Schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 1010.	2.0	126
26	Disentangling EEG responses to TMS due to cortical and peripheral activations. <i>Brain Stimulation</i> , 2021, 14, 4-18.	1.6	126
27	Effects of Two Weeks of Cerebellar Theta Burst Stimulation in Cervical Dystonia Patients. <i>Brain Stimulation</i> , 2014, 7, 564-572.	1.6	124
28	Transcranial magnetic stimulation of the brain: What is stimulated? â€œ A consensus and critical position paper. <i>Clinical Neurophysiology</i> , 2022, 140, 59-97.	1.5	124
29	In vivo definition of parieto-motor connections involved in planning of grasping movements. <i>NeuroImage</i> , 2010, 51, 300-312.	4.2	123
30	Beyond the Cholinergic Hypothesis: Do Current Drugs Work in Alzheimer's Disease?. <i>CNS Neuroscience and Therapeutics</i> , 2010, 16, 235-245.	3.9	122
31	Asymmetry of Parietal Interhemispheric Connections in Humans. <i>Journal of Neuroscience</i> , 2011, 31, 8967-8975.	3.6	122
32	Prefrontal Control over Motor Cortex Cycles at Beta Frequency during Movement Inhibition. <i>Current Biology</i> , 2014, 24, 2940-2945.	3.9	122
33	Dopaminergic Modulation of Cortical Plasticity in Alzheimer's Disease Patients. <i>Neuropsychopharmacology</i> , 2014, 39, 2654-2661.	5.4	121
34	Increased facilitation of the primary motor cortex following 1Hz repetitive transcranial magnetic stimulation of the contralateral cerebellum in normal humans. <i>Neuroscience Letters</i> , 2005, 376, 188-193.	2.1	120
35	Functional Interplay between Posterior Parietal and Ipsilateral Motor Cortex Revealed by Twin-Coil Transcranial Magnetic Stimulation during Reach Planning toward Contralateral Space. <i>Journal of Neuroscience</i> , 2008, 28, 5944-5953.	3.6	118
36	Effect of Cerebellar Stimulation on Gait and Balance Recovery in Patients With Hemiparetic Stroke. <i>JAMA Neurology</i> , 2019, 76, 170.	9.0	118

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37	Underestimation of time perception after repetitive transcranial magnetic stimulation. <i>Neurology</i> , 2003, 60, 1844-1846.	1.1	115
38	Paired Associative Stimulation Enforces the Communication between Interconnected Areas. <i>Journal of Neuroscience</i> , 2013, 33, 13773-13783.	3.6	112
39	Transcranial magnetic stimulation primes the effects of exercise therapy in multiple sclerosis. <i>Journal of Neurology</i> , 2011, 258, 1281-1287.	3.6	107
40	Effects of intermittent theta burst stimulation on spasticity in patients with multiple sclerosis. <i>European Journal of Neurology</i> , 2010, 17, 295-300.	3.3	104
41	Resonance of cortico-cortical connections of the motor system with the observation of goal directed grasping movements. <i>Neuropsychologia</i> , 2010, 48, 3513-3520.	1.6	102
42	Impaired reproduction of second but not millisecond time intervals in Parkinson's disease. <i>Neuropsychologia</i> , 2008, 46, 1305-1313.	1.6	101
43	Cerebellar transcranial direct current stimulation in patients with ataxia: A double-blind, randomized, sham-controlled study. <i>Movement Disorders</i> , 2015, 30, 1701-1705.	3.9	100
44	The Impact of Cognitive Reserve on Brain Functional Connectivity in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 243-250.	2.6	100
45	Interference of Left and Right Cerebellar rTMS with Procedural Learning. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 1605-1611.	2.3	98
46	Selective deficit of time perception in a patient with right prefrontal cortex lesion. <i>Neurology</i> , 2002, 59, 1658-1658.	1.1	97
47	TMS investigations into the task-dependent functional interplay between human posterior parietal and motor cortex. <i>Behavioural Brain Research</i> , 2009, 202, 147-152.	2.2	95
48	Cognitive and Cortical Plasticity Deficits Correlate with Altered Amyloid- $\beta^2$ CSF Levels in Multiple Sclerosis. <i>Neuropsychopharmacology</i> , 2011, 36, 559-568.	5.4	95
49	Transcranial magnetic stimulation distinguishes Alzheimer disease from frontotemporal dementia. <i>Neurology</i> , 2017, 89, 665-672.	1.1	95
50	Inhibitory and facilitatory connectivity from ventral premotor to primary motor cortex in healthy humans at rest - A bifocal TMS study. <i>Clinical Neurophysiology</i> , 2009, 120, 1724-1731.	1.5	90
51	Interactions between pairs of transcranial magnetic stimuli over the human left dorsal premotor cortex differ from those seen in primary motor cortex. <i>Journal of Physiology</i> , 2007, 578, 551-562.	2.9	89
52	Effects of motor cortex rTMS on lower urinary tract dysfunction in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2007, 13, 269-271.	3.0	86
53	Low frequency rTMS of the SMA transiently ameliorates peak-dose LID in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2006, 117, 1917-1921.	1.5	85
54	Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. <i>Clinical Neurophysiology</i> , 2021, 132, 2568-2607.	1.5	85

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55	Different TMS patterns of intracortical inhibition in early onset Alzheimer dementia and frontotemporal dementia. <i>Clinical Neurophysiology</i> , 2004, 115, 2410-2418.	1.5	84
56	Dopamine D2-agonist Rotigotine effects on cortical excitability and central cholinergic transmission in Alzheimer's disease patients. <i>Neuropharmacology</i> , 2013, 64, 108-113.	4.1	84
57	rTMS evidence of different delay and decision processes in a fronto-parietal neuronal network activated during spatial working memory. <i>NeuroImage</i> , 2005, 24, 34-39.	4.2	83
58	A network centred on the inferior frontal cortex is critically involved in levodopa-induced dyskinesias. <i>Brain</i> , 2015, 138, 414-427.	7.6	83
59	Cerebellar theta burst stimulation modulates the neural activity of interconnected parietal and motor areas. <i>Scientific Reports</i> , 2016, 6, 36191.	3.3	83
60	Effects of theta burst stimulation protocols on phosphene threshold. <i>Clinical Neurophysiology</i> , 2006, 117, 1808-1813.	1.5	81
61	Large-scale analysis of interindividual variability in theta-burst stimulation data: Results from the "Big TMS Data Collaboration". <i>Brain Stimulation</i> , 2020, 13, 1476-1488.	1.6	81
62	Long-term effects on motor cortical excitability induced by repeated muscle vibration during contraction in healthy subjects. <i>Journal of the Neurological Sciences</i> , 2008, 275, 51-59.	0.6	80
63	Long-term potentiation-like cortical plasticity is disrupted in Alzheimer's disease patients independently from age of onset. <i>Annals of Neurology</i> , 2016, 80, 202-210.	5.3	79
64	Temporal accuracy and variability in the left and right posterior parietal cortex. <i>Neuroscience</i> , 2013, 245, 121-128.	2.3	76
65	Study of Cerebello-Thalamocortical Pathway by Transcranial Magnetic Stimulation in Parkinson's Disease. <i>Brain Stimulation</i> , 2013, 6, 582-589.	1.6	75
66	Bihemispheric stimulation over left and right inferior frontal region enhances recovery from apraxia of speech in chronic aphasia. <i>European Journal of Neuroscience</i> , 2013, 38, 3370-3377.	2.6	72
67	Spatial-temporal interactions in the human brain. <i>Experimental Brain Research</i> , 2009, 195, 489-497.	1.5	67
68	Representation of time intervals in the right posterior parietal cortex: Implications for a mental time line. <i>NeuroImage</i> , 2009, 46, 1173-1179.	4.2	66
69	Classification Accuracy of Transcranial Magnetic Stimulation for the Diagnosis of Neurodegenerative Dementias. <i>Annals of Neurology</i> , 2020, 87, 394-404.	5.3	65
70	Spike-timing-dependent plasticity in the human dorso-lateral prefrontal cortex. <i>NeuroImage</i> , 2016, 143, 204-213.	4.2	64
71	Ongoing cumulative effects of single TMS pulses on corticospinal excitability: An intra- and inter-block investigation. <i>Clinical Neurophysiology</i> , 2016, 127, 621-628.	1.5	64
72	Transcranial magnetic stimulation predicts cognitive decline in patients with Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 1237-1242.	1.9	64

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73	The influence of rTMS over prefrontal and motor areas in a morphological task: Grammatical vs. semantic effects. <i>Neuropsychologia</i> , 2008, 46, 764-770.	1.6	63
74	TMS activation of interhemispheric pathways between the posterior parietal cortex and the contralateral motor cortex. <i>Journal of Physiology</i> , 2009, 587, 4281-4292.	2.9	62
75	Improvement of hand dexterity following motor cortex rTMS in multiple sclerosis patients with cerebellar impairment. <i>Multiple Sclerosis Journal</i> , 2008, 14, 995-998.	3.0	61
76	Abnormal brain lateralization and connectivity in Schizophrenia. <i>Reviews in the Neurosciences</i> , 2009, 20, 61-70.	2.9	59
77	Amyloid-Mediated Cholinergic Dysfunction in Motor Impairment Related to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 525-532.	2.6	59
78	Theta Burst Stimulation Modulates Cerebellar-Cortical Connectivity in Patients with Progressive Supranuclear Palsy. <i>Brain Stimulation</i> , 2014, 7, 29-35.	1.6	58
79	Alzheimer's disease and frontal variant of frontotemporal dementia. <i>Journal of Neurology</i> , 2005, 252, 1238-1244.	3.6	57
80	Cortical networks of procedural learning: Evidence from cerebellar damage. <i>Neuropsychologia</i> , 2007, 45, 1208-1214.	1.6	57
81	The use of repetitive transcranial magnetic stimulation (rTMS) for the treatment of spasticity. <i>Progress in Brain Research</i> , 2009, 175, 429-439.	1.4	57
82	CSF tau is associated with impaired cortical plasticity, cognitive decline and astrocyte survival only in APOE4-positive Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 13728.	3.3	57
83	TMS evidence for a selective role of the precuneus in source memory retrieval. <i>Behavioural Brain Research</i> , 2015, 282, 70-75.	2.2	56
84	AD with subcortical white matter lesions and vascular dementia: CSF markers for differential diagnosis. <i>Journal of the Neurological Sciences</i> , 2005, 237, 83-88.	0.6	55
85	Reading changes in children and adolescents with dyslexia after transcranial direct current stimulation. <i>NeuroReport</i> , 2016, 27, 295-300.	1.2	55
86	Intracortical GABAergic dysfunction in patients with fatigue and dysexecutive syndrome after COVID-19. <i>Clinical Neurophysiology</i> , 2021, 132, 1138-1143.	1.5	54
87	Subthalamic deep brain stimulation improves time perception in Parkinson's disease. <i>NeuroReport</i> , 2004, 15, 1071-1073.	1.2	52
88	Changes in Cerebello-motor Connectivity during Procedural Learning by Actual Execution and Observation. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 338-348.	2.3	52
89	Stability and Harmony of Gait in Patients with Subacute Stroke. <i>Journal of Medical and Biological Engineering</i> , 2016, 36, 635-643.	1.8	52
90	Dynamic reorganization of TMS-evoked activity in subcortical stroke patients. <i>NeuroImage</i> , 2018, 175, 365-378.	4.2	52

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91	Repetitive transcranial magnetic stimulation: a tool for human cerebellar plasticity. <i>Functional Neurology</i> , 2010, 25, 159-63.	1.3	52
92	Connectivity Between Posterior Parietal Cortex and Ipsilateral Motor Cortex Is Altered in Schizophrenia. <i>Biological Psychiatry</i> , 2008, 64, 815-819.	1.3	51
93	Metabolic changes induced by theta burst stimulation of the cerebellum in dyskinetic Parkinson's disease patients. <i>Parkinsonism and Related Disorders</i> , 2012, 18, 59-62.	2.2	51
94	Reversal of LTP-Like Cortical Plasticity in Alzheimer's Disease Patients with Tau-Related Faster Clinical Progression. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 605-616.	2.6	51
95	LTP-like cortical plasticity predicts conversion to dementia in patients with memory impairment. <i>Brain Stimulation</i> , 2020, 13, 1175-1182.	1.6	51
96	Effects of paired pulse TMS of primary somatosensory cortex on perception of a peripheral electrical stimulus. <i>Experimental Brain Research</i> , 2006, 172, 416-424.	1.5	50
97	Network-Based Substrate of Cognitive Reserve in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 421-430.	2.6	50
98	Microstructural Damage of the Posterior Corpus Callosum Contributes to the Clinical Severity of Neglect. <i>PLoS ONE</i> , 2012, 7, e48079.	2.5	50
99	Cerebellar theta burst stimulation in stroke patients with ataxia. <i>Functional Neurology</i> , 2014, 29, 41-5.	1.3	50
100	Improvement of choreic movements by 1Hz repetitive transcranial magnetic stimulation in Huntington's disease patients. <i>Annals of Neurology</i> , 2005, 58, 655-656.	5.3	49
101	Effects of inhibitory rTMS on bladder function in Parkinson's disease patients. <i>Movement Disorders</i> , 2009, 24, 445-447.	3.9	49
102	Cerebellar theta burst stimulation modulates short latency afferent inhibition in Alzheimer's disease patients. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 2.	3.4	48
103	The What and How of Observational Learning. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1656-1663.	2.3	47
104	The role of transcranial magnetic stimulation in the study of cerebellar cognitive function. <i>Cerebellum</i> , 2007, 6, 95-101.	2.5	47
105	Strategic Lesions in the Anterior Thalamic Radiation and Apathy in Early Alzheimer's Disease. <i>PLoS ONE</i> , 2015, 10, e0124998.	2.5	47
106	Altered dorsal premotor motor interhemispheric pathway activity in focal arm dystonia. <i>Movement Disorders</i> , 2008, 23, 660-668.	3.9	46
107	CT angiography-based collateral flow and time to reperfusion are strong predictors of outcome in endovascular treatment of patients with stroke. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 940-943.	3.3	46
108	LTP-like cortical plasticity is associated with verbal memory impairment in Alzheimer's disease patients. <i>Brain Stimulation</i> , 2019, 12, 148-151.	1.6	46

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109	Improving visuo-motor learning with cerebellar theta burst stimulation: Behavioral and neurophysiological evidence. <i>NeuroImage</i> , 2020, 208, 116424.	4.2	46
110	Evidence for interhemispheric imbalance in stroke patients as revealed by combining transcranial magnetic stimulation and electroencephalography. <i>Human Brain Mapping</i> , 2021, 42, 1343-1358.	3.6	46
111	Lack of effect of cannabis-based treatment on clinical and laboratory measures in multiple sclerosis. <i>Neurological Sciences</i> , 2009, 30, 531-534.	1.9	45
112	Altered motor cortex physiology and dysexecutive syndrome in patients with fatigue and cognitive difficulties after mild COVID-19. <i>European Journal of Neurology</i> , 2022, 29, 1652-1662.	3.3	44
113	Altered dopamine modulation of LTD-like plasticity in Alzheimer's disease patients. <i>Clinical Neurophysiology</i> , 2011, 122, 703-707.	1.5	43
114	Impaired Spike Timing Dependent Cortico-Cortical Plasticity in Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 983-991.	2.6	43
115	Functional overlap between hand and forearm motor cortical representations during motor cognitive tasks. <i>Clinical Neurophysiology</i> , 2007, 118, 1767-1775.	1.5	42
116	Theta burst stimulation improves visuo-spatial attention in a patient with traumatic brain injury. <i>Neurological Sciences</i> , 2013, 34, 2053-2056.	1.9	42
117	Novel TMS-EEG indexes to investigate interhemispheric dynamics in humans. <i>Clinical Neurophysiology</i> , 2020, 131, 70-77.	1.5	42
118	Cerebellar theta burst stimulation dissociates memory components in eyeblink classical conditioning. <i>European Journal of Neuroscience</i> , 2014, 40, 3363-3370.	2.6	41
119	Cerebrospinal Fluid A $\beta$ Levels: When Physiological Become Pathological State. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 921-925.	3.9	41
120	TMS-evoked long-lasting artefacts: A new adaptive algorithm for EEG signal correction. <i>Clinical Neurophysiology</i> , 2017, 128, 1563-1574.	1.5	41
121	The structural connectome and motor recovery after stroke: predicting natural recovery. <i>Brain</i> , 2021, 144, 2107-2119.	7.6	41
122	Modulation of excitatory and inhibitory circuits for visual awareness in the human right parietal cortex. <i>Experimental Brain Research</i> , 2005, 160, 510-516.	1.5	40
123	Combining TMS-EEG with transcranial direct current stimulation language treatment in aphasia. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 833-845.	2.8	39
124	Pergolide effect on cognitive functions in early-mild Parkinson's disease. <i>Journal of Neural Transmission</i> , 2005, 112, 231-237.	2.8	38
125	CSF Tau Levels Influence Cortical Plasticity in Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 181-186.	2.6	38
126	Perceptual Pseudoneglect in Schizophrenia: Candidate Endophenotype and the Role of the Right Parietal Cortex. <i>Schizophrenia Bulletin</i> , 2013, 39, 601-607.	4.3	38



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127	Cognitive reserve and the risk for Alzheimer's disease: a longitudinal study. <i>Neurobiology of Aging</i> , 2015, 36, 592-600.	3.1	38
128	Is Motor Inhibition Mediated by Cerebello-cortical Interactions?. <i>Cerebellum</i> , 2015, 14, 47-49.	2.5	38
129	The impact of transcranial magnetic stimulation on diagnostic confidence in patients with Alzheimer disease. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 94.	6.2	37
130	Motor and Linguistic Linking of Space and Time in the Cerebellum. <i>PLoS ONE</i> , 2009, 4, e7933.	2.5	37
131	Toward noninvasive brain stimulation 2.0 in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2022, 75, 101555.	10.9	37
132	Frailty Among Alzheimer's Disease Patients. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 507-511.	1.4	36
133	Large-scale analysis of interindividual variability in single and paired-pulse TMS data. <i>Clinical Neurophysiology</i> , 2021, 132, 2639-2653.	1.5	36
134	Classification accuracy of TMS for the diagnosis of mild cognitive impairment. <i>Brain Stimulation</i> , 2021, 14, 241-249.	1.6	35
135	Homotaurine Induces Measurable Changes of Short Latency Afferent Inhibition in a Group of Mild Cognitive Impairment Individuals. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 254.	3.4	34
136	Comparison between Early-Onset and Late-Onset Alzheimer's Disease Patients with Amnesic Presentation: CSF and 18F-FDG PET Study. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2016, 6, 108-119.	1.3	34
137	Subthalamic stimulation and levodopa modulate cortical reactivity in Parkinson's patients. <i>Parkinsonism and Related Disorders</i> , 2017, 34, 31-37.	2.2	34
138	Effect of Rotigotine vs Placebo on Cognitive Functions Among Patients With Mild to Moderate Alzheimer Disease. <i>JAMA Network Open</i> , 2020, 3, e2010372.	5.9	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. <i>Cerebellum</i> , 2020, 19, 897-901.	2.5	33
140	Copper Imbalance in Alzheimer's Disease: Meta-Analysis of Serum, Plasma, and Brain Specimens, and Replication Study Evaluating ATP7B Gene Variants. <i>Biomolecules</i> , 2021, 11, 960.	4.0	33
141	Memory for time intervals is impaired in left hemi-Parkinson patients. <i>Neuropsychologia</i> , 2005, 43, 1163-1167.	1.6	32
142	Recognition Memory and Prefrontal Cortex: Dissociating Recollection and Familiarity Processes Using rTMS. <i>Behavioural Neurology</i> , 2008, 19, 23-27.	2.1	32
143	Transcranial Magnetic Stimulation: From Neurophysiology to Pharmacology, Molecular Biology and Genomics. <i>Neuroscientist</i> , 2010, 16, 210-221.	3.5	32
144	Keeping Memory for Intentions: A cTBS Investigation of the Frontopolar Cortex. <i>Cerebral Cortex</i> , 2011, 21, 2696-2703.	2.9	32

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145	Do Studies on Cortical Plasticity Provide a Rationale for Using Non-Invasive Brain Stimulation as a Treatment for Parkinson's Disease Patients?. <i>Frontiers in Neurology</i> , 2013, 4, 180.	2.4	32
146	Real-time activation of central cholinergic circuits during recognition memory. <i>European Journal of Neuroscience</i> , 2017, 45, 1485-1489.	2.6	32
147	Consensus Paper: Novel Directions and Next Steps of Non-invasive Brain Stimulation of the Cerebellum in Health and Disease. <i>Cerebellum</i> , 2022, 21, 1092-1122.	2.5	32
148	Cerebrospinal fluid levels of A $\beta$ 242 relationship with cholinergic cortical activity in Alzheimer's disease patients. <i>Journal of Neural Transmission</i> , 2012, 119, 771-778.	2.8	31
149	Cortico-cortical connectivity: the road from basic neurophysiological interactions to therapeutic applications. <i>Experimental Brain Research</i> , 2020, 238, 1677-1684.	1.5	31
150	Intra-arterial Thrombectomy versus Standard Intravenous Thrombolysis in Patients with Anterior Circulation Stroke Caused by Intracranial Arterial Occlusions: A Single-center Experience. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2013, 22, e323-e331.	1.6	30
151	Interrogating cortical function with transcranial magnetic stimulation: insights from neurodegenerative disease and stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 47-57.	1.9	29
152	Feeling of Ownership over an Embodied Avatar's Hand Brings About Fast Changes of Fronto-Parietal Cortical Dynamics. <i>Journal of Neuroscience</i> , 2022, 42, 692-701.	3.6	29
153	Maladaptive Plasticity in Levodopa-Induced Dyskinesias and Tardive Dyskinesias: Old and New Insights on the Effects of Dopamine Receptor Pharmacology. <i>Frontiers in Neurology</i> , 2014, 5, 49.	2.4	28
154	Osteopathic Manipulative Therapy Potentiates Motor Cortical Plasticity. <i>Journal of the American Osteopathic Association</i> , The, 2018, 118, 396.	1.7	28
155	Age-related changes in brain deactivation but not in activation after motor learning. <i>NeuroImage</i> , 2019, 186, 358-368.	4.2	28
156	Altered Parietal-Motor Connections in Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , 2012, 33, 525-533.	2.6	27
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