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List of Publications by Year
in descending order

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65	4,083	168829	134545
papers	citations	31 h-index	62 g-index

65	65	65	4399
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evidence for a Window of Enhanced Plasticity in the Human Motor Cortex Following Ischemic Stroke. Neurorehabilitation and Neural Repair, 2021, 35, 307-320.	1.4	29
2	Daily activities are associated with non-invasive measures of neuroplasticity in older adults. Clinical Neurophysiology, 2021, 132, 984-992.	0.7	13
3	Motor network connectivity predicts neuroplastic response following theta burst stimulation in healthy adults. Brain Structure and Function, 2021, 226, 1893-1907.	1.2	2
4	Effects of rTMS on the brain: is there value in variability?. Cortex, 2021, 139, 43-59.	1.1	34
5	Age-related decline of neuroplasticity to intermittent theta burst stimulation of the lateral prefrontal cortex and its relationship with late-life memory performance. Clinical Neurophysiology, 2020, 131, 2181-2191.	0.7	13
6	Obesity is Associated with Reduced Plasticity of the Human Motor Cortex. Brain Sciences, 2020, 10, 579.	1.1	11
7	Visuomotor task acquisition is reduced by priming paired associative stimulation in older adults. Neurobiology of Aging, 2019, 81, 67-76.	1.5	7
8	Transcranial Magnetic Stimulation-Electroencephalography Measures of Cortical Neuroplasticity Are Altered after Mild Traumatic Brain Injury. Journal of Neurotrauma, 2019, 36, 2774-2784.	1.7	16
9	Characterization of Young and Old Adult Brains: An EEG Functional Connectivity Analysis. Neuroscience, 2019, 422, 230-239.	1.1	33
10	Intermittent single-joint fatiguing exercise reduces TMS-EEG measures of cortical inhibition. Journal of Neurophysiology, 2019, 121, 471-479.	0.9	20
11	Neuroplasticity and network connectivity of the motor cortex following stroke: A transcranial direct current stimulation study. Human Brain Mapping, 2018, 39, 3326-3339.	1.9	77
12	Cortical inhibition assessed using paired-pulse TMS-EEG is increased in older adults. Brain Stimulation, 2018, 11, 545-557.	0.7	28
13	Supplementary motor areaâ€"primary motor cortex facilitation in younger but not older adults. Neurobiology of Aging, 2018, 64, 85-91.	1.5	28
14	High-intensity Aerobic Exercise Blocks the Facilitation of iTBS-induced Plasticity in the Human Motor Cortex. Neuroscience, 2018, 373, 1-6.	1.1	12
15	Towards Targeted Brain Stimulation in Stroke: Connectivity as a Biomarker of Response. Journal of Experimental Neuroscience, 2018, 12, 117906951880906.	2.3	8
16	The effect of stimulation interval on plasticity following repeated blocks of intermittent theta burst stimulation. Scientific Reports, 2018, 8, 8526.	1.6	68
17	Simulation of electromyographic recordings following transcranial magnetic stimulation. Journal of Neurophysiology, 2018, 120, 2532-2541.	0.9	12
18	Priming theta burst stimulation enhances motor cortex plasticity in young but not old adults. Brain Stimulation, 2017, 10, 298-304.	0.7	69

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19	Modulating motor cortical neuroplasticity with priming paired associative stimulation in young and old adults. Clinical Neurophysiology, 2017, 128, 763-769.	0.7	24
20	Resting state functional connectivity measures correlate with the response to anodal transcranial direct current stimulation. European Journal of Neuroscience, 2017, 45, 837-845.	1.2	30
21	Variability in neural excitability and plasticity induction in the human cortex: A brain stimulation study. Brain Stimulation, 2017, 10, 588-595.	0.7	95
22	Investigating TMSâ€“EEG Indices of Long-Interval Intracortical Inhibition at Different Interstimulus Intervals. Brain Stimulation, 2017, 10, 65-74.	0.7	41
23	Cerebellar Intermittent Theta-Burst Stimulation and Motor Control Training in Individuals with Cervical Dystonia. Brain Sciences, 2016, 6, 56.	1.1	34
24	TEMPORARY REMOVAL: Priming theta burst stimulation enhances motor cortex plasticity in young but not old adults. Brain Stimulation, 2016, , .	0.7	0
25	Short-term immobilization influences use-dependent cortical plasticity and fine motor performance. Neuroscience, 2016, 330, 247-256.	1.1	20
26	Combined transcranial alternating current stimulation and continuous theta burst stimulation: a novel approach for neuroplasticity induction. European Journal of Neuroscience, 2016, 43, 572-579.	1.2	25
27	The cortisol awakening response is associated with performance of a serial sequence reaction time task. International Journal of Psychophysiology, 2016, 100, 12-18.	0.5	13
28	Probing changes in corticospinal excitability following theta burst stimulation of the human primary motor cortex. Clinical Neurophysiology, 2016, 127, 740-747.	0.7	34
29	Resistant Against De-depression: LTD-Like Plasticity in the Human Motor Cortex Induced by Spaced cTBS. Cerebral Cortex, 2015, 25, 1724-1734.	1.6	61
30	Response variability to non-invasive brain stimulation protocols. Clinical Neurophysiology, 2015, 126, 2249-2250.	0.7	22
31	Spaced Noninvasive Brain Stimulation. Neurorehabilitation and Neural Repair, 2015, 29, 714-721.	1.4	50
32	Day differences in the cortisol awakening response predict day differences in synaptic plasticity in the brain. Stress, 2014, 17, 219-223.	0.8	53
33	Inter-subject Variability of LTD-like Plasticity in Human Motor Cortex: A Matter of Preceding Motor Activation. Brain Stimulation, 2014, 7, 864-870.	0.7	86
34	The influence of a single bout of aerobic exercise on short-interval intracortical excitability. Experimental Brain Research, 2014, 232, 1875-1882.	0.7	116
35	Non-invasive induction of plasticity in the human cortex: Uses and limitations. Cortex, 2014, 58, 261-271.	1.1	38
36	The effect of electrical stimulation on corticospinal excitability is dependent on application duration: a same subject pre-post test design. Journal of NeuroEngineering and Rehabilitation, 2013, 10, 51.	2.4	34

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37	A comparison of neuroplastic responses to non-invasive brain stimulation protocols and motor learning in healthy adults. Neuroscience Letters, 2013, 549, 151-156.	1.0	41
38	A single bout of aerobic exercise promotes motor cortical neuroplasticity. Journal of Applied Physiology, 2013, 114, 1174-1182.	1.2	129
39	Chronic tension-type headache is associated with impaired motor learning. Cephalalgia, 2013, 33, 1048-1054.	1.8	18
40	Motor cortex plasticity induced by theta burst stimulation is impaired in patients with obstructive sleep apnoea. European Journal of Neuroscience, 2013, 37, 1844-1852.	1.2	26
41	An update on brain plasticity for physical therapists. Physiotherapy Practice and Research, 2013, 34, 1-8.	0.1	4
42	Time of Day Does Not Modulate Improvements in Motor Performance following a Repetitive Ballistic Motor Training Task. Neural Plasticity, 2013, 2013, 1-9.	1.0	8
43	A comparison of two different continuous theta burst stimulation paradigms applied to the human primary motor cortex. Clinical Neurophysiology, 2012, 123, 2256-2263.	0.7	95
44	Physiological Evidence Consistent with Reduced Neuroplasticity in Human Adolescents Born Preterm. Journal of Neuroscience, 2012, 32, 16410-16416.	1.7	44
45	The application of spaced theta burst protocols induces longâ€lasting neuroplastic changes in the human motor cortex. European Journal of Neuroscience, 2012, 35, 125-134.	1.2	134
46	Simultaneous application of slowâ€oscillation transcranial direct current stimulation and theta burst stimulation prolongs continuous theta burst stimulationâ€induced suppression of corticomotor excitability in humans. European Journal of Neuroscience, 2012, 36, 2661-2668.	1.2	7
47	Motor System Development of the Preterm and Low Birthweight Infant. Clinics in Perinatology, 2011, 38, 605-625.	0.8	23
48	Low-intensity, short-interval theta burst stimulation modulates excitatory but not inhibitory motor networks. Clinical Neurophysiology, 2011, 122, 1411-1416.	0.7	48
49	Cortical oscillatory activity and the induction of plasticity in the human motor cortex. European Journal of Neuroscience, 2011, 33, 1916-1924.	1.2	35
50	Behavioural exposure and sleep do not modify corticospinal and intracortical excitability in the human motor system. Clinical Neurophysiology, 2010, 121, 448-452.	0.7	27
51	Reduced motor cortex plasticity following inhibitory rTMS in older adults. Clinical Neurophysiology, 2010, 121, 441-447.	0.7	90
52	Normalizing Motor Cortex Representations in Focal Hand Dystonia. Cerebral Cortex, 2009, 19, 1968-1977.	1.6	74
53	Priming theta-burst repetitive transcranial magnetic stimulation with low- and high-frequency stimulation. Experimental Brain Research, 2009, 195, 307-315.	0.7	72
54	Motor cortex plasticity induced by paired associative stimulation is enhanced in physically active individuals. Journal of Physiology, 2009, 587, 5831-5842.	1.3	156

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55	Cortisol Inhibits Neuroplasticity Induction in Human Motor Cortex. Journal of Neuroscience, 2008, 28, 8285-8293.	1.7	253
56	Influence of Combined Afferent Stimulation and Task-Specific Training Following Stroke: A Pilot Randomized Controlled Trial. Neurorehabilitation and Neural Repair, 2007, 21, 435-443.	1.4	86
57	Therapeutic use of rTMS. Nature Reviews Neuroscience, 2007, 8, 808-808.	4.9	8
58	Is there a future for therapeutic use of transcranial magnetic stimulation?. Nature Reviews Neuroscience, 2007, 8, 559-567.	4.9	594
59	Factors influencing the magnitude and reproducibility of corticomotor excitability changes induced by paired associative stimulation. Experimental Brain Research, 2007, 181, 615-626.	0.7	244
60	Do alternate methods of analysing motor evoked potentials give comparable results?. Journal of Neuroscience Methods, 2004, 136, 63-67.	1.3	24
61	Suppression of motor evoked potentials in a hand muscle following prolonged painful stimulation. European Journal of Pain, 2003, 7, 55-62.	1.4	92
62	Prolonged peripheral nerve stimulation induces persistent changes in excitability of human motor cortex. Journal of the Neurological Sciences, 2003, 208, 79-85.	0.3	117
63	Induction of persistent changes in the organisation of the human motor cortex. Experimental Brain Research, 2002, 143, 342-349.	0.7	78
64	Stability of maps of human motor cortex made with transcranial magnetic stimulation. Brain Topography, 2002, 14, 293-297.	0.8	99
65	Changes in corticomotor representations induced by prolonged peripheral nerve stimulation in humans. Clinical Neurophysiology, 2001, 112, 1461-1469.	0.7	201