

George M Opie

List of Publications by Year in Descending Order

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

38
papers

546
citations

13
h-index

22
g-index

51
ext. papers

748
ext. citations

3.5
avg, IF

4.5
L-index

#	Paper	IF	Citations
38	Motor cortex plasticity and visuomotor skill learning in upper and lower limbs of endurance-trained cyclists. <i>European Journal of Applied Physiology</i> , 2021 , 1	3.4	1
37	Preferential Activation of Unique Motor Cortical Networks With Transcranial Magnetic Stimulation: A Review of the Physiological, Functional, and Clinical Evidence. <i>Neuromodulation</i> , 2021 , 24, 813-828	3.1	7
36	Interactions Between Cerebellum and the Intracortical Excitatory Circuits of Motor Cortex: a Mini-Review. <i>Cerebellum</i> , 2021 , 1	4.3	2
35	Assessing cerebellar-cortical connectivity using concurrent TMS-EEG: a feasibility study. <i>Journal of Neurophysiology</i> , 2021 , 125, 1768-1787	3.2	6
34	Age-related changes in motor cortex plasticity assessed with non-invasive brain stimulation: an update and new perspectives. <i>Experimental Brain Research</i> , 2021 , 239, 2661-2678	2.3	0
33	Investigating the influence of paired-associative stimulation on multi-session skill acquisition and retention in older adults. <i>Clinical Neurophysiology</i> , 2020 , 131, 1497-1507	4.3	4
32	Older Adults Differentially Modulate Transcranial Magnetic Stimulation-Electroencephalography Measures of Cortical Inhibition during Maximal Single-joint Exercise. <i>Neuroscience</i> , 2020 , 425, 181-193	3.9	6
31	Characterising the influence of cerebellum on the neuroplastic modulation of intracortical motor circuits. <i>PLoS ONE</i> , 2020 , 15, e0236005	3.7	4
30	TMS coil orientation and muscle activation influence lower limb intracortical excitability. <i>Brain Research</i> , 2020 , 1746, 147027	3.7	3
29	Age-related changes in late synaptic inputs to corticospinal neurons and their functional significance: A paired-pulse TMS study. <i>Brain Stimulation</i> , 2020 , 13, 239-246	5.1	11
28	Characterising the influence of cerebellum on the neuroplastic modulation of intracortical motor circuits 2020 , 15, e0236005		
27	Characterising the influence of cerebellum on the neuroplastic modulation of intracortical motor circuits 2020 , 15, e0236005		
26	Characterising the influence of cerebellum on the neuroplastic modulation of intracortical motor circuits 2020 , 15, e0236005		
25	Characterising the influence of cerebellum on the neuroplastic modulation of intracortical motor circuits 2020 , 15, e0236005		
24	Characterising the influence of cerebellum on the neuroplastic modulation of intracortical motor circuits 2020 , 15, e0236005		
23	Characterising the influence of cerebellum on the neuroplastic modulation of intracortical motor circuits 2020 , 15, e0236005		
22	Acute Exercise at Different Intensities Influences Corticomotor Excitability and Performance of a Ballistic Thumb Training Task. <i>Neuroscience</i> , 2019 , 412, 29-39	3.9	18

21	Visuomotor task acquisition is reduced by priming paired associative stimulation in older adults. <i>Neurobiology of Aging</i> , 2019 , 81, 67-76	5.6	5
20	Transcranial Magnetic Stimulation-Electroencephalography Measures of Cortical Neuroplasticity Are Altered after Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019 , 36, 2774-2784	5.4	10
19	Intermittent single-joint fatiguing exercise reduces TMS-EEG measures of cortical inhibition. <i>Journal of Neurophysiology</i> , 2019 , 121, 471-479	3.2	9
18	Age-related changes in late I-waves influence motor cortex plasticity induction in older adults. <i>Journal of Physiology</i> , 2018 , 596, 2597-2609	3.9	15
17	Cortical inhibition assessed using paired-pulse TMS-EEG is increased in older adults. <i>Brain Stimulation</i> , 2018 , 11, 545-557	5.1	22
16	Priming theta burst stimulation enhances motor cortex plasticity in young but not old adults. <i>Brain Stimulation</i> , 2017 , 10, 298-304	5.1	50
15	Age-related changes in corticospinal excitability and intracortical inhibition after upper extremity motor learning: a systematic review and meta-analysis. <i>Neurobiology of Aging</i> , 2017 , 55, 61-71	5.6	32
14	Modulating motor cortical neuroplasticity with priming paired associative stimulation in young and old adults. <i>Clinical Neurophysiology</i> , 2017 , 128, 763-769	4.3	15
13	Increasing motor cortex plasticity with spaced paired associative stimulation at different intervals in older adults. <i>European Journal of Neuroscience</i> , 2017 , 46, 2674-2683	3.5	7
12	Investigating TMS-EEG Indices of Long-Interval Intracortical Inhibition at Different Interstimulus Intervals. <i>Brain Stimulation</i> , 2017 , 10, 65-74	5.1	31
11	Commentary: Preconditioning tDCS facilitates subsequent tDCS effect on skill acquisition in older adults. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 84	5.3	1
10	Short-term immobilization influences use-dependent cortical plasticity and fine motor performance. <i>Neuroscience</i> , 2016 , 330, 247-56	3.9	12
9	Intracortical Inhibition Assessed with Paired-Pulse Transcranial Magnetic Stimulation is Modulated during Shortening and Lengthening Contractions in Young and Old Adults. <i>Brain Stimulation</i> , 2016 , 9, 258-67	5.1	11
8	Increased intracortical inhibition in elderly adults with anterior-posterior current flow: A TMS study. <i>Clinical Neurophysiology</i> , 2016 , 127, 635-640	4.3	25
7	Task-related changes in intracortical inhibition assessed with paired- and triple-pulse transcranial magnetic stimulation. <i>Journal of Neurophysiology</i> , 2015 , 113, 1470-9	3.2	12
6	Continuous passive movement does not influence motor maps in healthy adults. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 230	3.3	4
5	Age-related Differences in Pre- and Post-synaptic Motor Cortex Inhibition are Task Dependent. <i>Brain Stimulation</i> , 2015 , 8, 926-36	5.1	23
4	Age-related differences in short- and long-interval intracortical inhibition in a human hand muscle. <i>Brain Stimulation</i> , 2014 , 7, 665-72	5.1	40

3	Modulation of short- and long-interval intracortical inhibition with increasing motor evoked potential amplitude in a human hand muscle. <i>Clinical Neurophysiology</i> , 2014 , 125, 1440-50	4.3	19
2	A single bout of aerobic exercise promotes motor cortical neuroplasticity. <i>Journal of Applied Physiology</i> , 2013 , 114, 1174-82	3.7	104
1	Motor cortex plasticity induced by theta burst stimulation is impaired in patients with obstructive sleep apnoea. <i>European Journal of Neuroscience</i> , 2013 , 37, 1844-52	3.5	23