

# George M Opie

## List of Publications by Citations

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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	A single bout of aerobic exercise promotes motor cortical neuroplasticity. <i>Journal of Applied Physiology</i> , <b>2013</b> , 114, 1174-82	3.7	104
37	Priming theta burst stimulation enhances motor cortex plasticity in young but not old adults. <i>Brain Stimulation</i> , <b>2017</b> , 10, 298-304	5.1	50
36	Age-related differences in short- and long-interval intracortical inhibition in a human hand muscle. <i>Brain Stimulation</i> , <b>2014</b> , 7, 665-72	5.1	40
35	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> , <b>2017</b> , 55, 61-71	5.6	32
34	Investigating TMS-EEG Indices of Long-Interval Intracortical Inhibition at Different Interstimulus Intervals. <i>Brain Stimulation</i> , <b>2017</b> , 10, 65-74	5.1	31
33	Increased intracortical inhibition in elderly adults with anterior-posterior current flow: A TMS study. <i>Clinical Neurophysiology</i> , <b>2016</b> , 127, 635-640	4.3	25
32	Age-related Differences in Pre- and Post-synaptic Motor Cortex Inhibition are Task Dependent. <i>Brain Stimulation</i> , <b>2015</b> , 8, 926-36	5.1	23
31	Motor cortex plasticity induced by theta burst stimulation is impaired in patients with obstructive sleep apnoea. <i>European Journal of Neuroscience</i> , <b>2013</b> , 37, 1844-52	3.5	23
30	Cortical inhibition assessed using paired-pulse TMS-EEG is increased in older adults. <i>Brain Stimulation</i> , <b>2018</b> , 11, 545-557	5.1	22
29	Modulation of short- and long-interval intracortical inhibition with increasing motor evoked potential amplitude in a human hand muscle. <i>Clinical Neurophysiology</i> , <b>2014</b> , 125, 1440-50	4.3	19
28	Acute Exercise at Different Intensities Influences Corticomotor Excitability and Performance of a Ballistic Thumb Training Task. <i>Neuroscience</i> , <b>2019</b> , 412, 29-39	3.9	18
27	Modulating motor cortical neuroplasticity with priming paired associative stimulation in young and old adults. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 763-769	4.3	15
26	Age-related changes in late I-waves influence motor cortex plasticity induction in older adults. <i>Journal of Physiology</i> , <b>2018</b> , 596, 2597-2609	3.9	15
25	Task-related changes in intracortical inhibition assessed with paired- and triple-pulse transcranial magnetic stimulation. <i>Journal of Neurophysiology</i> , <b>2015</b> , 113, 1470-9	3.2	12
24	Short-term immobilization influences use-dependent cortical plasticity and fine motor performance. <i>Neuroscience</i> , <b>2016</b> , 330, 247-56	3.9	12
23	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> , <b>2016</b> , 9, 258-67	5.1	11
22	Age-related changes in late synaptic inputs to corticospinal neurons and their functional significance: A paired-pulse TMS study. <i>Brain Stimulation</i> , <b>2020</b> , 13, 239-246	5.1	11

21	Transcranial Magnetic Stimulation-Electroencephalography Measures of Cortical Neuroplasticity Are Altered after Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 2774-2784	5.4	10
20	Intermittent single-joint fatiguing exercise reduces TMS-EEG measures of cortical inhibition. <i>Journal of Neurophysiology</i> , <b>2019</b> , 121, 471-479	3.2	9
19	Increasing motor cortex plasticity with spaced paired associative stimulation at different intervals in older adults. <i>European Journal of Neuroscience</i> , <b>2017</b> , 46, 2674-2683	3.5	7
18	Preferential Activation of Unique Motor Cortical Networks With Transcranial Magnetic Stimulation: A Review of the Physiological, Functional, and Clinical Evidence. <i>Neuromodulation</i> , <b>2021</b> , 24, 813-828	3.1	7
17	Older Adults Differentially Modulate Transcranial Magnetic Stimulation-Electroencephalography Measures of Cortical Inhibition during Maximal Single-joint Exercise. <i>Neuroscience</i> , <b>2020</b> , 425, 181-193	3.9	6
16	Assessing cerebellar-cortical connectivity using concurrent TMS-EEG: a feasibility study. <i>Journal of Neurophysiology</i> , <b>2021</b> , 125, 1768-1787	3.2	6
15	Visuomotor task acquisition is reduced by priming paired associative stimulation in older adults. <i>Neurobiology of Aging</i> , <b>2019</b> , 81, 67-76	5.6	5
14	Continuous passive movement does not influence motor maps in healthy adults. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 230	3.3	4
13	Investigating the influence of paired-associative stimulation on multi-session skill acquisition and retention in older adults. <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 1497-1507	4.3	4
12	Characterising the influence of cerebellum on the neuroplastic modulation of intracortical motor circuits. <i>PLoS ONE</i> , <b>2020</b> , 15, e0236005	3.7	4
11	TMS coil orientation and muscle activation influence lower limb intracortical excitability. <i>Brain Research</i> , <b>2020</b> , 1746, 147027	3.7	3
10	Interactions Between Cerebellum and the Intracortical Excitatory Circuits of Motor Cortex: a Mini-Review. <i>Cerebellum</i> , <b>2021</b> , 1	4.3	2
9	Commentary: Preconditioning tDCS facilitates subsequent tDCS effect on skill acquisition in older adults. <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 84	5.3	1
8	Motor cortex plasticity and visuomotor skill learning in upper and lower limbs of endurance-trained cyclists. <i>European Journal of Applied Physiology</i> , <b>2021</b> , 1	3.4	1
7	Age-related changes in motor cortex plasticity assessed with non-invasive brain stimulation: an update and new perspectives. <i>Experimental Brain Research</i> , <b>2021</b> , 239, 2661-2678	2.3	0
6	Characterising the influence of cerebellum on the neuroplastic modulation of intracortical motor circuits <b>2020</b> , 15, e0236005		
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