John Cirillo

List of Publications by Year in descending order

34 papers	1,135 citations	566801 15 h-index	414034 32 g-index
34 all docs	34 docs citations	34 times ranked	1159 citing authors

#	Article	IF	Citations
1	Decoupling countermands nonselective response inhibition during selective stopping. Journal of Neurophysiology, 2022, 127, 188-203.	0.9	8
2	Stopping Interference in Response Inhibition: Behavioral and Neural Signatures of Selective Stopping. Journal of Neuroscience, 2022, 42, 156-165.	1.7	17
3	Physical activity, motor performance and skill learning: a focus on primary motor cortex in healthy aging. Experimental Brain Research, 2021, 239, 3431-3438.	0.7	7
4	Neurochemical balance and inhibition at the subacute stage after stroke. Journal of Neurophysiology, 2020, 123, 1775-1790.	0.9	16
5	Neurophysiology of motor skill learning in chronic stroke. Clinical Neurophysiology, 2020, 131, 791-798.	0.7	10
6	Primary motor cortex function and motor skill acquisition: insights from threshold-hunting TMS. Experimental Brain Research, 2020, 238, 1745-1757.	0.7	10
7	Neurophysiological mechanisms underlying motor skill learning in young and older adults. Experimental Brain Research, 2019, 237, 2331-2344.	0.7	27
8	Between-hand coupling during response inhibition. Journal of Neurophysiology, 2019, 122, 1357-1366.	0.9	14
9	Does hypnotic susceptibility influence information processing speed and motor cortical preparatory activity?. Neuropsychologia, 2019, 129, 179-190.	0.7	5
10	The Influence of Primary Motor Cortex Inhibition on Upper Limb Impairment and Function in Chronic Stroke: A Multimodal Study. Neurorehabilitation and Neural Repair, 2019, 33, 130-140.	1.4	16
11	Somatosensory and transcranial direct current stimulation effects on manual dexterity and motor cortex function: A metaplasticity study. Brain Stimulation, 2019, 12, 938-947.	0.7	4
12	Abstract 69: The Influence of Motor Cortex Inhibition on Upper Limb Recovery: A Multimodal Study. Stroke, 2019, 50, .	1.0	0
13	Ageâ€related changes in late Iâ€waves influence motor cortex plasticity induction in older adults. Journal of Physiology, 2018, 596, 2597-2609.	1.3	37
14	Adaptive threshold hunting for the effects of transcranial direct current stimulation on primary motor cortex inhibition. Experimental Brain Research, 2018, 236, 1651-1663.	0.7	5
15	Response inhibition activates distinct motor cortical inhibitory processes. Journal of Neurophysiology, 2018, 119, 877-886.	0.9	35
16	Conventional or threshold-hunting TMS? A tale of two SICIs. Brain Stimulation, 2018, 11, 1296-1305.	0.7	22
17	Adaptive threshold hunting reveals differences in interhemispheric inhibition between young and older adults. European Journal of Neuroscience, 2018, 48, 2247-2258.	1.2	9
18	GABA and primary motor cortex inhibition in young and older adults: a multimodal reliability study. Journal of Neurophysiology, 2017, 118, 425-433.	0.9	62

#	Article	IF	Citations
19	The impact of physical activity on motor preparation in young adults. Neuroscience Letters, 2017, 638, 196-203.	1.0	9
20	Commentary: Preconditioning tDCS facilitates subsequent tDCS effect on skill acquisition in older adults. Frontiers in Aging Neuroscience, 2017, 9, 84.	1.7	1
21	Acute aerobic exercise modulates primary motor cortex inhibition. Experimental Brain Research, 2016, 234, 3669-3676.	0.7	55
22	Threshold tracking primary motor cortex inhibition: the influence of current direction. European Journal of Neuroscience, 2016, 44, 2614-2621.	1.2	38
23	Proactive modulation of long-interval intracortical inhibition during response inhibition. Journal of Neurophysiology, 2016, 116, 859-867.	0.9	33
24	Can motor imagery and hypnotic susceptibility explain Conversion Disorder with motor symptoms?. Neuropsychologia, 2016, 89, 287-298.	0.7	8
25	Impaired Organization of Paired-Pulse TMS-Induced I-Waves After Human Spinal Cord Injury. Cerebral Cortex, 2016, 26, 2167-2177.	1.6	52
26	Subcortical contribution to late TMS-induced I-waves in intact humans. Frontiers in Integrative Neuroscience, 2015, 9, 38.	1.0	32
27	Sequencing human ribs into anatomical order by quantitative multivariate methods. HOMO- Journal of Comparative Human Biology, 2012, 63, 182-201.	0.3	5
28	Differential modulation of motor cortex excitability in BDNF Met allele carriers following experimentally induced and useâ€dependent plasticity. European Journal of Neuroscience, 2012, 36, 2640-2649.	1.2	75
29	Corticomotor excitability and plasticity following complex visuomotor training in young and old adults. European Journal of Neuroscience, 2011, 34, 1847-1856.	1.2	99
30	Exercise can help rewire the brain: neuroplasticity and motor cortex function in physically active individuals. , 2011, , 26-28.		0
31	Hemispheric differences in use-dependent corticomotor plasticity in young and old adults. Experimental Brain Research, 2010, 205, 57-68.	0.7	73
32	Motor cortex plasticity induced by paired associative stimulation is enhanced in physically active individuals. Journal of Physiology, 2009, 587, 5831-5842.	1.3	156
33	Corticomotor plasticity and learning of a ballistic thumb training task are diminished in older adults. Journal of Applied Physiology, 2009, 107, 1874-1883.	1.2	152
34	Low-frequency fatigue and neuromuscular performance after exercise-induced damage to elbow flexor muscles. Journal of Applied Physiology, 2008, 105, 1146-1155.	1.2	43