Lynda M Murray

List of Publications by Year
in descending order

15 papers	395 citations	840776 11 h-index	1058476 14 g-index
19 all docs	19 docs citations	19 times ranked	531 citing authors

#	Article	IF	Citations
1	Spinal Control of Locomotion: Individual Neurons, Their Circuits and Functions. Frontiers in Physiology, 2018, 9, 784.	2.8	89
2	Intensity Dependent Effects of Transcranial Direct Current Stimulation on Corticospinal Excitability in Chronic Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2015, 96, S114-S121.	0.9	53
3	Corticomotor excitability of wrist flexor and extensor muscles during active and passive movement. Human Movement Science, 2010, 29, 494-501.	1.4	40
4	Improved motor performance in chronic spinal cord injury following upper-limb robotic training. NeuroRehabilitation, 2013, 33, 57-65.	1.3	36
5	Repeated transspinal stimulation decreases soleus H-reflex excitability and restores spinal inhibition in human spinal cord injury. PLoS ONE, 2019, 14, e0223135.	2.5	31
6	Transspinal Direct Current Stimulation Produces Persistent Plasticity in Human Motor Pathways. Scientific Reports, 2018, 8, 717.	3.3	29
7	Transspinal stimulation increases motoneuron output of multiple segments in human spinal cord injury. PLoS ONE, 2019, 14, e0213696.	2.5	25
8	Repeated cathodal transspinal pulse and direct current stimulation modulate cortical and corticospinal excitability differently in healthy humans. Experimental Brain Research, 2019, 237, 1841-1852.	1.5	17
9	Neurophysiological Changes After Paired Brain and Spinal Cord Stimulation Coupled With Locomotor Training in Human Spinal Cord Injury. Frontiers in Neurology, 2021, 12, 627975.	2.4	16
10	Neural interactions between transspinal evoked potentials and muscle spindle afferents in humans. Journal of Electromyography and Kinesiology, 2018, 43, 174-183.	1.7	14
11	Remodeling Brain Activity by Repetitive Cervicothoracic Transspinal Stimulation after Human Spinal Cord Injury. Frontiers in Neurology, 2017, 8, 50.	2.4	13
12	Transspinal stimulation decreases corticospinal excitability and alters the function of spinal locomotor networks. Journal of Neurophysiology, 2019, 122, 2331-2343.	1.8	13
13	Interventional repetitive I-wave transcranial magnetic stimulation (TMS): the dimension of stimulation duration. Brain Stimulation, 2011, 4, 261-265.	1.6	10
14	Cortical and Subcortical Contributions to Neuroplasticity after Repetitive Transspinal Stimulation in Humans. Neural Plasticity, 2019, 2019, 1-13.	2.2	9
15	Modulation of cortical, corticospinal, and spinal neuronal pathways after thoracic transspinal direct current stimulation in healthy humans.. Brain Stimulation, 2017, 10, e34-e35.	1.6	0