Francois D Roy

List of Publications by Year
in descending order

22 papers	878 citations	567281 15 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	876 citing authors

#	Article	IF	Citations
1	Effects of transcranial direct current stimulation on the excitability of the leg motor cortex. Experimental Brain Research, 2007, 182, 281-287.	1.5	202
2	Effect of percutaneous stimulation at different spinal levels on the activation of sensory and motor roots. Experimental Brain Research, 2012, 223, 281-289.	1.5	83
3	Changes in Locomotor Muscle Activity After Treadmill Training in Subjects With Incomplete Spinal Cord Injury. Journal of Neurophysiology, 2009, 101, 969-979.	1.8	78
4	Peripheral sensory activation of cortical circuits in the leg motor cortex of man. Journal of Physiology, 2008, 586, 4091-4105.	2.9	66
5	Interaction of paired cortical and peripheral nerve stimulation on human motor neurons. Experimental Brain Research, 2008, 188, 13-21.	1.5	51
6	Role of Sustained Excitability of the Leg Motor Cortex After Transcranial Magnetic Stimulation in Associative Plasticity. Journal of Neurophysiology, 2007, 98, 657-667.	1.8	48
7	Afferent Regulation of Leg Motor Cortex Excitability After Incomplete Spinal Cord Injury. Journal of Neurophysiology, 2010, 103, 2222-2233.	1.8	48
8	Volitional Muscle Strength in the Legs Predicts Changes in Walking Speed Following Locomotor Training in People With Chronic Spinal Cord Injury. Physical Therapy, 2011, 91, 931-943.	2.4	44
9	Interaction of transcutaneous spinal stimulation and transcranial magnetic stimulation in human leg muscles. Experimental Brain Research, 2014, 232, 1717-1728.	1.5	43
10	Short-interval intracortical inhibition with incomplete spinal cord injury. Clinical Neurophysiology, 2011, 122, 1387-1395.	1.5	41
11	Post-activation depression in the human soleus muscle using peripheral nerve and transcutaneous spinal stimulation. Neuroscience Letters, 2015, 589, 144-149.	2.1	41
12	Facilitation of Corticospinal Connections in Able-bodied People and People With Central Nervous System Disorders Using Eight Interventions. Journal of Clinical Neurophysiology, 2013, 30, 66-78.	1.7	27
13	Characterization of the Vestibulo-Ocular Reflex Evoked by High-Velocity Movements. Laryngoscope, 2004, 114, 1190-1193.	2.0	24
14	Reduced postactivation depression of soleus H reflex and root evoked potential after transcranial magnetic stimulation. Journal of Neurophysiology, 2015, 114, 485-492.	1.8	24
15	Facilitation of descending excitatory and spinal inhibitory networks from training of endurance and precision walking in participants with incomplete spinal cord injury. Progress in Brain Research, 2015, 218, 127-155.	1.4	19
16	Training-Specific Neural Plasticity in Spinal Reflexes after Incomplete Spinal Cord Injury. Neural Plasticity, 2016, 2016, 1-13.	2.2	12
17	Long-latency, inhibitory spinal pathway to ankle flexors activated by homonymous group 1 afferents. Journal of Neurophysiology, 2014, 111, 2544-2553.	1.8	7
18	Suppression of EMG activity by subthreshold paired-pulse transcranial magnetic stimulation to the leg motor cortex. Experimental Brain Research, 2009, 193, 477-482.	1.5	6

#	Article	IF	Citations
19	Intraoperative spinal cord monitoring using low intensity transcranial stimulation to remove post-activation depression of the H-reflex. Clinical Neurophysiology, 2016, 127, 3378-3384.	1.5	5
20	Intraoperative changes in the H-reflex pathway during deep brain stimulation surgery for Parkinsonâ€™s disease: A potential biomarker for optimal electrode placement. Brain Stimulation, 2020, 13, 1765-1773.	1.6	5
21	Characterizing the effect of low intensity transcranial magnetic stimulation on the soleus H-reflex at rest. Experimental Brain Research, 2020, 238, 2725-2731.	1.5	2
22	Effects of Deep Brain Stimulation and Dopaminergic Medication on Excitatory and Inhibitory Spinal Pathways in Parkinson Disease. Journal of Clinical Neurophysiology, 2021, 38, 340-345.	1.7	2