

# David A Cunningham

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

663  
citations

623734

14  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1025  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional somatotopy revealed across multiple cortical regions using a model of complex motor task. <i>Brain Research</i> , 2013, 1531, 25-36.	2.2	69
2	Inhibition versus facilitation of contralesional motor cortices in stroke: Deriving a model to tailor brain stimulation. <i>Clinical Neurophysiology</i> , 2017, 128, 892-902.	1.5	68
3	Rethinking Stimulation of the Brain in Stroke Rehabilitation. <i>Neuroscientist</i> , 2015, 21, 225-240.	3.5	64
4	Exercise intensity affects acute neurotrophic and neurophysiological responses poststroke. <i>Journal of Applied Physiology</i> , 2019, 126, 431-443.	2.5	64
5	Assessment of Inter-Hemispheric Imbalance Using Imaging and Noninvasive Brain Stimulation in Patients With Chronic Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, S94-S103.	0.9	63
6	Stimulation targeting higher motor areas in stroke rehabilitation: A proof-of-concept, randomized, double-blinded placebo-controlled study of effectiveness and underlying mechanisms. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 911-926.	0.7	52
7	It Takes Two: Noninvasive Brain Stimulation Combined With Neurorehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, S89-S93.	0.9	48
8	Transcranial Direct Current Stimulation Targeting Primary Motor Versus Dorsolateral Prefrontal Cortices: Proof-of-Concept Study Investigating Functional Connectivity of Thalamocortical Networks Specific to Sensory-Affective Information Processing. <i>Brain Connectivity</i> , 2017, 7, 182-196.	1.7	43
9	Stratifying chronic stroke patients based on the influence of contralesional motor cortices: An inter-hemispheric inhibition study. <i>Clinical Neurophysiology</i> , 2020, 131, 2516-2525.	1.5	34
10	Influence of Corticospinal Tracts from Higher Order Motor Cortices on Recruitment Curve Properties in Stroke. <i>Frontiers in Neuroscience</i> , 2016, 10, 79.	2.8	33
11	Reproducibility of transcranial magnetic stimulation metrics in the study of proximal upper limb muscles. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 754-764.	1.7	24
12	Bilateral Contralaterally Controlled Functional Electrical Stimulation Reveals New Insights Into the Interhemispheric Competition Model in Chronic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 707-717.	2.9	22
13	Age-Related Weakness of Proximal Muscle Studied with Motor Cortical Mapping: A TMS Study. <i>PLoS ONE</i> , 2014, 9, e89371.	2.5	19
14	Tailoring Brain Stimulation to the Nature of Rehabilitative Therapies in Stroke. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2015, 26, 759-774.	1.3	14
15	Challenges in Recruitment for the Study of Noninvasive Brain Stimulation in Stroke: Lessons from Deep Brain Stimulation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 927-937.	1.6	10
16	Post-exercise depression following submaximal and maximal isometric voluntary contraction. <i>Neuroscience</i> , 2016, 326, 95-104.	2.3	7
17	The effect of motor overflow on bimanual asymmetric force coordination. <i>Experimental Brain Research</i> , 2017, 235, 1097-1105.	1.5	7
18	Assessment of Vascular Stent Heating with Repetitive Transcranial Magnetic Stimulation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1121-1127.	1.6	7

#	ARTICLE	IF	CITATIONS
19	A game of hide and seek: Is it possible to recruit more patients for NIBS studies in stroke?. Journal of the Neurological Sciences, 2015, 358, 472-474.	0.6	6
20	Variability of motor evoked potentials in stroke explained by corticospinal pathway integrity. Brain Stimulation, 2018, 11, 929-931.	1.6	4
21	Repetitive Transcranial Magnetic Stimulation of the Contralesional Dorsal Premotor Cortex for Upper Extremity Motor Improvement in Severe Stroke: Study Protocol for a Pilot Randomized Clinical Trial. Cerebrovascular Diseases, 2022, 51, 557-564.	1.7	4
22	Reply to "On the issue of measuring interhemispheric inhibition in unilateral stroke". Clinical Neurophysiology, 2021, 132, 690-691.	1.5	1