Heidi M Schambra

List of Publications by Year
in descending order

29	3,761	516710 16	526287 27
papers	citations	h-index	g-index

29	29	29	4405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct Current Stimulation Promotes BDNF-Dependent Synaptic Plasticity: Potential Implications for Motor Learning. Neuron, 2010, 66, 198-204.	8.1	1,177
2	Noninvasive cortical stimulation enhances motor skill acquisition over multiple days through an effect on consolidation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1590-1595.	7.1	1,168
3	Effects of tDCS on motor learning and memory formation: A consensus and critical position paper. Clinical Neurophysiology, 2017, 128, 589-603.	1.5	275
4	Reward Improves Long-Term Retention of a Motor Memory through Induction of Offline Memory Gains. Current Biology, 2011, 21, 557-562.	3.9	265
5	Probing for hemispheric specialization for motor skill learning: a transcranial direct current stimulation study. Journal of Neurophysiology, 2011, 106, 652-661.	1.8	127
6	Randomized Sham-Controlled Trial of Navigated Repetitive Transcranial Magnetic Stimulation for Motor Recovery in Stroke. Stroke, 2018, 49, 2138-2146.	2.0	113
7	The reliability of repeated TMS measures in older adults and in patients with subacute and chronic stroke. Frontiers in Cellular Neuroscience, 2015, 9, 335.	3.7	104
8	Rethinking interhemispheric imbalance as a target for stroke neurorehabilitation. Annals of Neurology, 2019, 85, 502-513.	5.3	85
9	A Short and Distinct Time Window for Recovery of Arm Motor Control Early After Stroke Revealed With a Global Measure of Trajectory Kinematics. Neurorehabilitation and Neural Repair, 2017, 31, 552-560.	2.9	82
10	Building up Analgesia in Humans via the Endogenous Î¼-Opioid System by Combining Placebo and Active tDCS: A Preliminary Report. PLoS ONE, 2014, 9, e102350.	2.5	71
11	Evidence for a subcortical origin of mirror movements after stroke: a longitudinal study. Brain, 2018, 141, 837-847.	7.6	47
12	Recovery and Rehabilitation after Intracerebral Hemorrhage. Seminars in Neurology, 2016, 36, 306-312.	1.4	42
13	Transcranial Direct Current Stimulation Enhances Motor Skill Learning but Not Generalization in Chronic Stroke. Neurorehabilitation and Neural Repair, 2018, 32, 295-308.	2.9	40
14	Differential Poststroke Motor Recovery in an Arm Versus Hand Muscle in the Absence of Motor Evoked Potentials. Neurorehabilitation and Neural Repair, 2019, 33, 568-580.	2.9	32
15	A Taxonomy of Functional Upper Extremity Motion. Frontiers in Neurology, 2019, 10, 857.	2.4	30
16	Low and moderate prenatal ethanol exposures of mice during gastrulation or neurulation delays neurobehavioral development. Neurotoxicology and Teratology, 2015, 51, 1-11.	2.4	21
17	Repetitive Transcranial Magnetic Stimulation for Upper Extremity Motor Recovery: Does It Help?. Current Neurology and Neuroscience Reports, 2018, 18, 97.	4.2	15
18	Corticoreticulospinal tract neurophysiology in an arm and hand muscle in healthy and stroke subjects. Journal of Physiology, 2021, 599, 3955-3971.	2.9	13

#	Article	IF	Citations
19	Direct In Vivo MRI Discrimination of Brain Stem Nuclei and Pathways. American Journal of Neuroradiology, 2020, 41, 777-784.	2.4	10
20	Chronic Stroke Sensorimotor Impairment Is Related to Smaller Hippocampal Volumes: An ENIGMA Analysis. Journal of the American Heart Association, 2022, 11, e025109.	3.7	8
21	The Pragmatic Classification of Upper Extremity Motion in Neurological Patients: A Primer. Frontiers in Neurology, 2019, 10, 996.	2.4	7
22	Smaller spared subcortical nuclei are associated with worse post-stroke sensorimotor outcomes in 28 cohorts worldwide. Brain Communications, 2021, 3, fcab254.	3.3	7
23	PrimSeq: A deep learning-based pipeline to quantitate rehabilitation training. , 2022, 1, e0000044.		6
24	Asymmetric Reversible Posterior Leukoencephalopathy Syndrome. Neurocritical Care, 2006, 4, 245-247.	2.4	5
25	Expectations from the general public about the efficacy of transcranial direct current stimulation for improving motor performance. Brain Stimulation, 2021, 14, 500-502.	1.6	3
26	NE-Motion: Visual Analysis of Stroke Patients Using Motion Sensor Networks. Sensors, 2021, 21, 4482.	3.8	3
27	Towards data-driven stroke rehabilitation via wearable sensors and deep learning. Proceedings of Machine Learning Research, 2020, 126, 143-171.	0.3	3
28	The neurophysiological effects ofÂsingle-dose theophylline in patients withÂchronic stroke: A double-blind, placebo-controlled, randomized cross-overÂstudy. Restorative Neurology and Neuroscience, 2016, 34, 799-813.	0.7	2
29	Reply: Further evidence for a non-cortical origin of mirror movements after stroke. Brain, 2019, 142, e2-e2.	7.6	0