Brach Poston

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8687177/publications.pdf

Version: 2024-02-01

21 papers	524 citations	758635 12 h-index	752256 20 g-index
21 all docs	21 docs citations	21 times ranked	655 citing authors

#	Article	IF	Citations
1	Influence of Fatigue on Hand Muscle Coordination and EMG-EMG Coherence During Three-Digit Grasping. Journal of Neurophysiology, 2010, 104, 3576-3587.	0.9	79
2	Force-Independent Distribution of Correlated Neural Inputs to Hand Muscles During Three-Digit Grasping. Journal of Neurophysiology, 2010, 104, 1141-1154.	0.9	75
3	Movement structure in young and elderly adults during goal-directed movements of the left and right arm. Brain and Cognition, 2009, 69, 30-38.	0.8	55
4	Different Neural Adjustments Improve Endpoint Accuracy With Practice in Young and Old Adults. Journal of Neurophysiology, 2007, 97, 3340-3350.	0.9	54
5	Cortical silent period duration and its implications for surround inhibition of a hand muscle. European Journal of Neuroscience, 2012, 36, 2964-2971.	1.2	48
6	Timing-dependent modulation of the posterior parietal cortexâ€“primary motor cortex pathway by sensorimotor training. Journal of Neurophysiology, 2012, 107, 3190-3199.	0.9	45
7	Cerebellar Transcranial Direct Current Stimulation Enhances Motor Learning in a Complex Overhand Throwing Task. Cerebellum, 2019, 18, 813-816.	1.4	26
8	Endpoint accuracy for a small and a large hand muscle in young and old adults during rapid, goal-directed isometric contractions. Experimental Brain Research, 2008, 187, 373-385.	0.7	24
9	Practice and endpoint accuracy with the left and right hands of old adults: The rightâ€hemisphere aging model. Muscle and Nerve, 2008, 37, 376-386.	1.0	23
10	Movement trajectory smoothness is not associated with the endpoint accuracy of rapid multi-joint arm movements in young and older adults. Acta Psychologica, 2013, 143, 157-167.	0.7	21
11	Timing variability and not force variability predicts the endpoint accuracy of fast and slow isometric contractions. Experimental Brain Research, 2010, 202, 189-202.	0.7	19
12	An acute application of transcranial random noise stimulation does not enhance motor skill acquisition or retention in a golf putting task. Human Movement Science, 2019, 66, 241-248.	0.6	13
13	An Acute Application of Cerebellar Transcranial Direct Current Stimulation Does Not Improve Motor Performance in Parkinsonâ€™s Disease. Brain Sciences, 2020, 10, 735.	1.1	11
14	Long-Term Application of Cerebellar Transcranial Direct Current Stimulation Does Not Improve Motor Learning in Parkinsonâ€™s Disease. Cerebellum, 2022, 21, 333-349.	1.4	9
15	Anodal tDCS accelerates on-line learning of dart throwing. Neuroscience Letters, 2021, 764, 136211.	1.0	7
16	Differential processing of nociceptive input within upper limb muscles. PLoS ONE, 2018, 13, e0196129.	1.1	5
17	Modulation of the Cutaneous Silent Period in the Upper-Limb with Whole-Body Instability. PLoS ONE, 2016, 11, e0151520.	1.1	4
18	The â€œJournal of Functional Morphology and Kinesiologyâ€•Journal Club Series: Highlights on Recent Papers in Motor Control and Learning. Journal of Functional Morphology and Kinesiology, 2018, 3, 16.	1.1	2

#	Article	IF	Citations
19	Age and Not the Preferred Limb Influences the Kinematic Structure of Pointing Movements. Journal of Functional Morphology and Kinesiology, 2021, 6, 100.	1.1	2
20	Cortical Representation and Excitability Increases for a Thenar Muscle Mediate Improvement in Short-Term Cellular Phone Text Messaging Ability. Brain Sciences, 2021, 11, 406.	1.1	1
21	The Influence of Transcranial Direct Current Stimulation on Shooting Performance in Elite Deaflympic Athletes: A Case Series. Journal of Functional Morphology and Kinesiology, 2022, 7, 42.	1.1	1