

Yuming Lei

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

323
citations

840776

11
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

290
citing authors

#	ARTICLE	IF	CITATIONS
1	The extent of interlimb transfer following adaptation to a novel visuomotor condition does not depend on awareness of the condition. <i>Journal of Neurophysiology</i> , 2011, 106, 259-264.	1.8	50
2	Gating of Sensory Input at Subcortical and Cortical Levels during Grasping in Humans. <i>Journal of Neuroscience</i> , 2018, 38, 7237-7247.	3.6	35
3	Cortical contributions to sensory gating in the ipsilateral somatosensory cortex during voluntary activity. <i>Journal of Physiology</i> , 2017, 595, 6203-6217.	2.9	27
4	Acute intermittent hypoxia boosts spinal plasticity in humans with tetraplegia. <i>Experimental Neurology</i> , 2021, 335, 113483.	4.1	27
5	Performing a reaching task with one arm while adapting to a visuomotor rotation with the other can lead to complete transfer of motor learning across the arms. <i>Journal of Neurophysiology</i> , 2015, 113, 2302-2308.	1.8	26
6	Prolonged training does not result in a greater extent of interlimb transfer following visuomotor adaptation. <i>Brain and Cognition</i> , 2014, 91, 95-99.	1.8	21
7	Direct-effects and after-effects of visuomotor adaptation with one arm on subsequent performance with the other arm. <i>Journal of Neurophysiology</i> , 2015, 114, 468-473.	1.8	19
8	Experiencing a reaching task passively with one arm while adapting to a visuomotor rotation with the other can lead to substantial transfer of motor learning across the arms. <i>Neuroscience Letters</i> , 2017, 638, 109-113.	2.1	17
9	Enhancing Generalization of Visuomotor Adaptation by Inducing Use-dependent Learning. <i>Neuroscience</i> , 2017, 366, 184-195.	2.3	16
10	The combined effects of action observation and passive proprioceptive training on adaptive motor learning. <i>Neuroscience</i> , 2016, 331, 91-98.	2.3	15
11	The effect of proprioceptive acuity variability on motor adaptation in older adults. <i>Experimental Brain Research</i> , 2018, 236, 599-608.	1.5	15
12	Phase-dependent deficits during reach-to-grasp after human spinal cord injury. <i>Journal of Neurophysiology</i> , 2018, 119, 251-261.	1.8	10
13	Cerebellar contribution to sensorimotor adaptation deficits in humans with spinal cord injury. <i>Scientific Reports</i> , 2021, 11, 2507.	3.3	9
14	Separation of visual and motor workspaces during targeted reaching results in limited generalization of visuomotor adaptation. <i>Neuroscience Letters</i> , 2013, 541, 243-247.	2.1	8
15	The Interactions Between Primary Somatosensory and Motor Cortex during Human Grasping Behaviors. <i>Neuroscience</i> , 2022, 485, 1-11.	2.3	8
16	Organization of the motor unit pool for different directions of isometric contraction of the first dorsal interosseous muscle. <i>Muscle and Nerve</i> , 2018, 57, E85-E93.	2.2	5
17	Lack of interlimb transfer following visuomotor adaptation in a person with congenital mirror movements. <i>Neuropsychologia</i> , 2020, 136, 107265.	1.6	5
18	Direct-effects and after-effects of dynamic adaptation on intralimb and interlimb transfer. <i>Human Movement Science</i> , 2019, 65, 102-110.	1.4	4

#	ARTICLE	IF	CITATIONS
19	The decay and consolidation of effector-independent motor memories. <i>Scientific Reports</i> , 2022, 12, 3131.	3.3	4
20	Differences in motor unit recruitment patterns and low frequency oscillation of discharge rates between unilateral and bilateral isometric muscle contractions. <i>Human Movement Science</i> , 2022, 83, 102952.	1.4	2