Hyosub E Kim

List of Publications by Year
in descending order

21 papers	694 citations	933447 10 h-index	752698 20 g-index
34 all docs	34 docs citations	34 times ranked	339 citing authors

#	Article	IF	Citations
1	Interactions between sensory prediction error and task error during implicit motor learning. PLoS Computational Biology, 2022, 18, e1010005.	3.2	50
2	Neuromatch Academy: a 3-week, online summer school in computational neuroscience. The Journal of Open Source Education, 2022, 5, 118.	0.4	0
3	Dissociable use-dependent processes for volitional goal-directed reaching. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20220415.	2.6	9
4	A machine learning approach to identifying important features for achieving step thresholds in individuals with chronic stroke. PLoS ONE, 2022, 17, e0270105.	2.5	6
5	The Psychology of Reaching: Action Selection, Movement Implementation, and Sensorimotor Learning. Annual Review of Psychology, 2021, 72, 61-95.	17.7	51
6	Reexposure to a sensorimotor perturbation produces opposite effects on explicit and implicit learning processes. PLoS Biology, 2021, 19, e3001147.	5.6	66
7	Individual differences in proprioception predict the extent of implicit sensorimotor adaptation. Journal of Neurophysiology, 2021, 125, 1307-1321.	1.8	34
8	The Consistency of Prior Movements Shapes Locomotor Use-Dependent Learning. ENeuro, 2021, 8, ENEURO.0265-20.2021.	1.9	5
9	Differential Effects of Cerebellar Degeneration on Feedforward versus Feedback Control across Speech and Reaching Movements. Journal of Neuroscience, 2021, 41, 8779-8789.	3.6	8
10	Beyond Physical Capacity: Factors Associated With Real-world Walking Activity After Stroke. Archives of Physical Medicine and Rehabilitation, 2021, 102, 1880-1887.e1.	0.9	17
11	The effect of visual uncertainty on implicit motor adaptation. Journal of Neurophysiology, 2021, 125, 12-22.	1.8	41
12	Long-Term Motor Learning in the "Wild" With High Volume Video Game Data. Frontiers in Human Neuroscience, 2021, 15, 777779.	2.0	22
13	Use-dependent plasticity explains aftereffects in visually guided locomotor learning of a novel step length asymmetry. Journal of Neurophysiology, 2020, 124, 32-39.	1.8	17
14	The influence of task outcome on implicit motor learning. ELife, 2019, 8, .	6.0	96
15	Invariant errors reveal limitations in motor correction rather than constraints on error sensitivity. Communications Biology, 2018, 1, 19.	4.4	119
16	A single exercise bout and locomotor learning after stroke: physiological, behavioural, and computational outcomes. Journal of Physiology, 2018, 596, 1999-2016.	2.9	40
17	Strategies to augment volitional and reflex function may improve locomotor capacity following incomplete spinal cord injury. Journal of Neurophysiology, 2018, 119, 894-903.	1.8	5
18	Increased spinal reflex excitability is associated with enhanced central activation during voluntary lengthening contractions in human spinal cord injury. Journal of Neurophysiology, 2015, 114, 427-439.	1.8	10

#	Article	IF	Citations
19	Potential associations between chronic whiplash and incomplete spinal cord injury. Spinal Cord Series and Cases, 2015, 1, .	0.6	27
20	Muscle activation varies with contraction mode in human spinal cord injury. Muscle and Nerve, 2015, 51, 235-245.	2.2	10
21	A Comparative Study of Successful Central Nervous System Drugs Using Molecular Modeling. Journal of Chemical Education, 2011, 88, 1389-1393.	2.3	6