

# Hiroki Obata

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

264  
citations

933447

10  
h-index

996975

15  
g-index

26  
all docs

26  
docs citations

26  
times ranked

316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Long-Term Classical Ballet Dance Training on Postactivation Depression of the Soleus Hoffmann-Reflex. <i>Motor Control</i> , 2022, 26, 169-180.	0.6	2
2	Spatiotemporal characteristics of locomotor adaptation of walking with two handheld poles. <i>Experimental Brain Research</i> , 2020, 238, 2973-2982.	1.5	1
3	Effects on Postural Kinematics of Performing a Cognitive Task During Upright Standing. <i>Perceptual and Motor Skills</i> , 2020, 127, 639-650.	1.3	3
4	Remarkable hand grip steadiness in individuals with complete spinal cord injury. <i>Experimental Brain Research</i> , 2019, 237, 3175-3183.	1.5	7
5	Presetting of the Corticospinal Excitability in the Tibialis Anterior Muscle in Relation to Prediction of the Magnitude and Direction of Postural Perturbations. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 4.	2.0	6
6	Unique controlling mechanisms underlying walking with two handheld poles in contrast to those of conventional walking as revealed by split-belt locomotor adaptation. <i>Experimental Brain Research</i> , 2019, 237, 1699-1707.	1.5	2
7	Repeatability of spinal reflexes of lower limb muscles evoked by transcutaneous spinal cord stimulation. <i>PLoS ONE</i> , 2019, 14, e0214818.	2.5	11
8	Effect of Paired Associative Stimulation on Corticomotor Excitability in Chronic Smokers. <i>Brain Sciences</i> , 2019, 9, 62.	2.3	5
9	Short-term inhibition of spinal reflexes in multiple lower limb muscles after neuromuscular electrical stimulation of ankle plantar flexors. <i>Experimental Brain Research</i> , 2019, 237, 467-476.	1.5	20
10	Velocity-dependent transfer of adaptation in human running as revealed by split-belt treadmill adaptation. <i>Experimental Brain Research</i> , 2018, 236, 1019-1029.	1.5	5
11	Short-term effects of electrical nerve stimulation on spinal reciprocal inhibition depend on gait phase during passive stepping. <i>Journal of Electromyography and Kinesiology</i> , 2018, 38, 151-154.	1.7	7
12	Influence of motor imagery on spinal reflex excitability of multiple muscles. <i>Neuroscience Letters</i> , 2018, 668, 55-59.	2.1	12
13	Corticospinal Excitability Is Modulated as a Function of Postural Perturbation Predictability. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 68.	2.0	15
14	Effects of breathing movement on the reduction of postural sway during postural-cognitive dual tasking. <i>PLoS ONE</i> , 2018, 13, e0197385.	2.5	10
15	Baseball pitching accuracy: an examination of various parameters when evaluating pitch locations. <i>Sports Biomechanics</i> , 2017, 16, 399-410.	1.6	16
16	Neural effects of muscle stretching on the spinal reflexes in multiple lower-limb muscles. <i>PLoS ONE</i> , 2017, 12, e0180275.	2.5	26
17	Effects of Aquatic Pole Walking on the Reduction of Spastic Hypertonia in a Patient with Hemiplegia: A Case Study. <i>International Journal of Physical Medicine &amp; Rehabilitation</i> , 2017, 05, .	0.5	3
18	The Effects of Temporal and Spatial Predictions on Stretch Reflexes of Ankle Flexor and Extensor Muscles While Standing. <i>PLoS ONE</i> , 2016, 11, e0158721.	2.5	13

#	ARTICLE	IF	CITATIONS
19	Mode-dependent control of human walking and running as revealed by split-belt locomotor adaptation. <i>Journal of Experimental Biology</i> , 2015, 218, 3192-8.	1.7	12
20	Short-term effect of electrical nerve stimulation on spinal reciprocal inhibition during robot-assisted passive stepping in humans. <i>European Journal of Neuroscience</i> , 2015, 42, 2283-2288.	2.6	9
21	Corticospinal Excitability of the Ankle Extensor Muscles Is Enhanced in Ballet Dancers. <i>Medical Problems of Performing Artists</i> , 2014, 29, 144-149.	0.4	5
22	Modulation between bilateral legs and within unilateral muscle synergists of postural muscle activity changes with development and aging. <i>Experimental Brain Research</i> , 2014, 232, 1-11.	1.5	27
23	Posture-related modulation of cortical excitability in the tibialis anterior muscle in humans. <i>Brain Research</i> , 2014, 1577, 29-35.	2.2	12
24	Aging effects on posture-related modulation of stretch reflex excitability in the ankle muscles in humans. <i>Journal of Electromyography and Kinesiology</i> , 2012, 22, 31-36.	1.7	10
25	Neural control of human gait and posture. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2012, 1, 263-269.	0.3	5
26	Age-related changes of the stretch reflex excitability in human ankle muscles. <i>Journal of Electromyography and Kinesiology</i> , 2010, 20, 55-60.	1.7	20