

# Yohei Masugi

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

305  
citations

933447

10  
h-index

940533

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Corticospinal excitability and somatosensory information processing of the lower limb muscle during upper limb voluntary or electrically induced muscle contractions. <i>European Journal of Neuroscience</i> , 2022, 55, 1810-1824.	2.6	2
2	Motor point stimulation induces more robust F-waves than peripheral nerve stimulation. <i>European Journal of Neuroscience</i> , 2022, 55, 1614-1628.	2.6	3
3	Effects of action observation and motor imagery of walking on the corticospinal and spinal motoneuron excitability and motor imagery ability in healthy participants. <i>PLoS ONE</i> , 2022, 17, e0266000.	2.5	5
4	Gait-phase-dependent and gait-phase-independent cortical activity across multiple regions involved in voluntary gait modifications in humans. <i>European Journal of Neuroscience</i> , 2021, 54, 8092-8105.	2.6	23
5	Phase dependent modulation of cortical activity during action observation and motor imagery of walking: An EEG study. <i>NeuroImage</i> , 2021, 225, 117486.	4.2	25
6	Inter-muscle differences in modulation of motor evoked potentials and posterior root-muscle reflexes evoked from lower-limb muscles during agonist and antagonist muscle contractions. <i>Experimental Brain Research</i> , 2021, 239, 463-474.	1.5	4
7	Selectivity and excitability of upper-limb muscle activation during cervical transcutaneous spinal cord stimulation in humans. <i>Journal of Applied Physiology</i> , 2021, 131, 746-759.	2.5	23
8	Intra-limb modulations of posterior root-muscle reflexes evoked from the lower-limb muscles during isometric voluntary contractions. <i>Experimental Brain Research</i> , 2021, 239, 3035-3043.	1.5	1
9	Low-Intensity and Short-Duration Continuous Cervical Transcutaneous Spinal Cord Stimulation Intervention Does Not Prime the Corticospinal and Spinal Reflex Pathways in Able-Bodied Subjects. <i>Journal of Clinical Medicine</i> , 2021, 10, 3633.	2.4	9
10	The Effects of Paired Associative Stimulation with Transcutaneous Spinal Cord Stimulation on Corticospinal Excitability in Multiple Lower-limb Muscles. <i>Neuroscience</i> , 2021, 476, 45-59.	2.3	2
11	Task- and Intensity-Dependent Modulation of Arm-Trunk Neural Interactions in the Corticospinal Pathway in Humans. <i>ENeuro</i> , 2021, 8, ENEURO.0111-21.2021.	1.9	4
12	Interlimb neural interactions in corticospinal and spinal reflex circuits during preparation and execution of isometric elbow flexion. <i>Journal of Neurophysiology</i> , 2020, 124, 652-667.	1.8	9
13	Changes in corticospinal excitability during bilateral and unilateral lower-limb force control tasks. <i>Experimental Brain Research</i> , 2020, 238, 1977-1987.	1.5	4
14	Remote muscle contraction enhances spinal reflexes in multiple lower-limb muscles elicited by transcutaneous spinal cord stimulation. <i>Experimental Brain Research</i> , 2019, 237, 1793-1803.	1.5	14
15	On the reflex mechanisms of cervical transcutaneous spinal cord stimulation in human subjects. <i>Journal of Neurophysiology</i> , 2019, 121, 1672-1679.	1.8	39
16	Repeatability of spinal reflexes of lower limb muscles evoked by transcutaneous spinal cord stimulation. <i>PLoS ONE</i> , 2019, 14, e0214818.	2.5	11
17	Muscle-Specific Modulation of Spinal Reflexes in Lower-Limb Muscles during Action Observation with and without Motor Imagery of Walking. <i>Brain Sciences</i> , 2019, 9, 333.	2.3	6
18	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

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19	Difference in phase modulation of corticospinal excitability during the observation of the action of walking, with and without motor imagery. <i>NeuroReport</i> , 2018, 29, 169-173.	1.2	21
20	Influence of motor imagery on spinal reflex excitability of multiple muscles. <i>Neuroscience Letters</i> , 2018, 668, 55-59.	2.1	12
21	Modulation of Hoffmann reflex excitability during action observation of walking with and without motor imagery. <i>Neuroscience Letters</i> , 2018, 684, 218-222.	2.1	9
22	Neural effects of muscle stretching on the spinal reflexes in multiple lower-limb muscles. <i>PLoS ONE</i> , 2017, 12, e0180275.	2.5	26
23	Effects of movement-related afferent inputs on spinal reflexes evoked by transcutaneous spinal cord stimulation during robot-assisted passive stepping. <i>Neuroscience Letters</i> , 2016, 627, 100-106.	2.1	18
24	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
25	Velocity-dependent suppression of the soleus H-reflex during robot-assisted passive stepping. <i>Neuroscience Letters</i> , 2015, 584, 337-341.	2.1	6