

# Atsushi Sasaki

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

226  
citations

1040056

9  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

167  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Effects of neuromuscular electrical stimulation and voluntary commands on the spinal reflex excitability of remote limb muscles. <i>Experimental Brain Research</i> , 2019, 237, 3195-3205.	1.5	18
5	Evidence for existence of trunk-limb neural interaction in the corticospinal pathway. <i>Neuroscience Letters</i> , 2018, 668, 31-36.	2.1	15
6	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
7	Cortical Re-organization After Traumatic Brain Injury Elicited Using Functional Electrical Stimulation Therapy: A Case Report. <i>Frontiers in Neuroscience</i> , 2021, 15, 693861.	2.8	13
8	Flexible Recruitments of Fundamental Muscle Synergies in the Trunk and Lower Limbs for Highly Variable Movements and Postures. <i>Sensors</i> , 2021, 21, 6186.	3.8	12
9	Muscle-specific movement-phase-dependent modulation of corticospinal excitability during upper-limb motor execution and motor imagery combined with virtual action observation. <i>Neuroscience Letters</i> , 2021, 755, 135907.	2.1	11
10	Evidence for basic units of upper limb muscle synergies underlying a variety of complex human manipulations. <i>Journal of Neurophysiology</i> , 2022, 127, 958-968.	1.8	11
11	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
12	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
13	Force Control of Ankle Dorsiflexors in Young Adults: Effects of Bilateral Control and Leg Dominance. <i>Journal of Motor Behavior</i> , 2020, 52, 226-235.	0.9	8
14	Cortical and Subcortical Neural Interactions Between Trunk and Upper-limb Muscles in Humans. <i>Neuroscience</i> , 2020, 451, 126-136.	2.3	5
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Short-term facilitation effects elicited by cortical priming through theta burst stimulation and functional electrical stimulation of upper-limb muscles. <i>Experimental Brain Research</i> , 2022, , 1.	1.5	2