Atsushi Sasaki

List of Publications by Year
in descending order

20	226	1040056 9	1058476 14
papers	citations	h-index	g-index

21	21	21	167
all docs	docs citations	times ranked	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. European Journal of Neuroscience, 2022, 55, 1810-1824.	2.6	2
2	Short-term facilitation effects elicited by cortical priming through theta burst stimulation and functional electrical stimulation of upper-limb muscles. Experimental Brain Research, 2022, , 1.	1.5	2
3	Evidence for basic units of upper limb muscle synergies underlying a variety of complex human manipulations. Journal of Neurophysiology, 2022, 127, 958-968.	1.8	11
4	Effects of action observation and motor imagery of walking on the corticospinal and spinal motoneuron excitability and motor imagery ability in healthy participants. PLoS ONE, 2022, 17, e0266000.	2.5	5
5	Muscle-specific movement-phase-dependent modulation of corticospinal excitability during upper-limb motor execution and motor imagery combined with virtual action observation. Neuroscience Letters, 2021, 755, 135907.	2.1	11
6	Selectivity and excitability of upper-limb muscle activation during cervical transcutaneous spinal cord stimulation in humans. Journal of Applied Physiology, 2021, 131, 746-759.	2.5	23
7	Cortical Re-organization After Traumatic Brain Injury Elicited Using Functional Electrical Stimulation Therapy: A Case Report. Frontiers in Neuroscience, 2021, 15, 693861.	2.8	13
8	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. Journal of Clinical Medicine, 2021, 10, 3633.	2.4	9
9	The Effects of Paired Associative Stimulation with Transcutaneous Spinal Cord Stimulation on Corticospinal Excitability in Multiple Lower-limb Muscles. Neuroscience, 2021, 476, 45-59.	2.3	2
10	Flexible Recruitments of Fundamental Muscle Synergies in the Trunk and Lower Limbs for Highly Variable Movements and Postures. Sensors, 2021, 21, 6186.	3.8	12
11	Task- and Intensity-Dependent Modulation of Arm-Trunk Neural Interactions in the Corticospinal Pathway in Humans. ENeuro, 2021, 8, ENEURO.0111-21.2021.	1.9	4
12	Force Control of Ankle Dorsiflexors in Young Adults: Effects of Bilateral Control and Leg Dominance. Journal of Motor Behavior, 2020, 52, 226-235.	0.9	8
13	Cortical and Subcortical Neural Interactions Between Trunk and Upper-limb Muscles in Humans. Neuroscience, 2020, 451, 126-136.	2.3	5
14	Interlimb neural interactions in corticospinal and spinal reflex circuits during preparation and execution of isometric elbow flexion. Journal of Neurophysiology, 2020, 124, 652-667.	1.8	9
15	Changes in corticospinal excitability during bilateral and unilateral lower-limb force control tasks. Experimental Brain Research, 2020, 238, 1977-1987.	1.5	4
16	Effects of neuromuscular electrical stimulation and voluntary commands on the spinal reflex excitability of remote limb muscles. Experimental Brain Research, 2019, 237, 3195-3205.	1.5	18
17	Remote muscle contraction enhances spinal reflexes in multiple lower-limb muscles elicited by transcutaneous spinal cord stimulation. Experimental Brain Research, 2019, 237, 1793-1803.	1.5	14
18	On the reflex mechanisms of cervical transcutaneous spinal cord stimulation in human subjects. Journal of Neurophysiology, 2019, 121, 1672-1679.	1.8	39

#	Article	IF	Citations
19	Short-term inhibition of spinal reflexes in multiple lower limb muscles after neuromuscular electrical stimulation of ankle plantar flexors. Experimental Brain Research, 2019, 237, 467-476.	1.5	20
20	Evidence for existence of trunk-limb neural interaction in the corticospinal pathway. Neuroscience Letters, 2018, 668, 31-36.	2.1	15