Diego Serrano-MuÃ±oz

List of Publications by Year
in descending order

29 papers	373 citations	1039406 9 h-index	887659 17 g-index
32 all docs	32 docs citations	32 times ranked	376 citing authors

#	Article	IF	Citations
1	Transcutaneous Spinal Cord Stimulation and Motor Rehabilitation in Spinal Cord Injury: A Systematic Review. Neurorehabilitation and Neural Repair, 2020, 34, 3-12.	1.4	79
2	The role of Omega-3 and Omega-9 fatty acids for the treatment of neuropathic pain after neurotrauma. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1629-1635.	1.4	37
3	Peripheral Nerve Conduction Block by High-Frequency Alternating Currents: A Systematic Review. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 1131-1140.	2.7	31
4	Combining transcranial direct-current stimulation with gait training in patients with neurological disorders: a systematic review. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 114.	2.4	23
5	Efficacy of high-intensity laser therapy in subacromial impingement syndrome: a three-month follow-up controlled clinical trial. Clinical Rehabilitation, 2019, 33, 894-903.	1.0	21
6	Effect of high-frequency alternating current transcutaneous stimulation over muscle strength: a controlled pilot study. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 103.	2.4	17
7	Deficient Inhibitory Endogenous Pain Modulation Correlates With Periaqueductal Gray Matter Metabolites During Chronic Whiplash Injury. Clinical Journal of Pain, 2019, 35, 668-677.	0.8	17
8	Transcranial direct current stimulation combined with robotic therapy for upper and lower limb function after stroke: a systematic review and meta-analysis of randomized control trials. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 148.	2.4	17
9	Intensity matters: Therapist-dependent dose of spinal transcutaneous electrical nerve stimulation. PLoS ONE, 2017, 12, e0189734.	1.1	16
10	EstimulaciÃ³n elÃ©ctrica nerviosa transcutÃ¡nea como tratamiento de la espasticidad: una revisiÃ³n sistemÃ¡tica. NeurologÃa, 2019, 34, 451-460.	0.3	15
11	Transcutaneous Spinal Cord Stimulation Enhances Quadriceps Motor Evoked Potential in Healthy Participants: A Double-Blind Randomized Controlled Study. Journal of Clinical Medicine, 2020, 9, 3275.	1.0	11
12	Afferent electrical stimulation during cycling improves spinal processing of sensorimotor function after incomplete spinal cord injury. NeuroRehabilitation, 2017, 40, 429-437.	0.5	10
13	Electrical microcurrent stimulation therapy for wound healing: A meta-analysis of randomized clinical trials. Journal of Tissue Viability, 2022, 31, 268-277.	0.9	9
14	20-kHz alternating current stimulation: effects on motor and somatosensory thresholds. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 22.	2.4	8
15	Percutaneous Versus Transcutaneous Electrical Nerve Stimulation for the Treatment of Musculoskeletal Pain. A Systematic Review and Meta-Analysis. Pain Medicine, 2022, 23, 1387-1400.	0.9	7
16	Soleus H-reflex modulation following transcutaneous high- and low-frequency spinal stimulation in healthy volunteers. Journal of Electromyography and Kinesiology, 2019, 46, 1-7.	0.7	6
17	Afferent stimulation inhibits abnormal cutaneous reflex activity in patients with spinal cord injury spasticity syndrome. NeuroRehabilitation, 2018, 43, 135-146.	0.5	5
18	Nonâ€invasive spinal direct current simulation for spasticity therapy following spinal cord injury: mechanistic insights contributing to longâ€term treatment effects. Journal of Physiology, 2019, 597, 2121-2122.	1.3	5

#	Article	IF	Citations
19	Effects of Dry Needling on Biomechanical Properties of the Myofascial Trigger Points Measured by Myotonometry: A Randomized Controlled Trial. Journal of Manipulative and Physiological Therapeutics, 2021, 44, 467-474.	0.4	4
20	Effect of posture and body weight loading on spinal posterior root reflex responses. European Journal of Neuroscience, 2021, 54, 6575-6586.	1.2	4
21	Assessing sensorimotor excitability after spinal cord injury: a reflex testing method based on cycling with afferent stimulation. Medical and Biological Engineering and Computing, 2018, 56, 1425-1434.	1.6	3
22	Can Transcranial Direct Current Stimulation Enhance Functionality in Older Adults? A Systematic Review. Journal of Clinical Medicine, 2021, 10, 2981.	1.0	3
23	Physiological Evaluation of Different Control Modes of Lower Limb Robotic Exoskeleton H2 in Patients with Incomplete Spinal Cord Injury. Biosystems and Biorobotics, 2017, , 343-348.	0.2	3
24	The effect on handgrip strength of lowâ€frequency percutaneous electric stimulation applied to the median and cubital nerves: A randomized, doubleâ€blind controlled trial. Anatomical Record, 2023, 306, 720-727.	0.8	3
25	Spanish Version of the Whiplash Disability Questionnaire in Adults With Acute Whiplash-Associated Disorders. Journal of Manipulative and Physiological Therapeutics, 2019, 42, 276-283.	0.4	2
26	Efficacy of Anodal Suboccipital Direct Current Stimulation for Endogenous Pain Modulation and Tonic Thermal Pain Control in Healthy Participants: A Randomized Controlled Clinical Trial. Pain Medicine, 2021, 22, 2908-2917.	0.9	2
27	Effect of Percutaneous Electric Stimulation with High-Frequency Alternating Currents on the Sensory-Motor System of Healthy Volunteers: A Double-Blind Randomized Controlled Study. Journal of Clinical Medicine, 2022, 11, 1832.	1.0	2
28	Cutaneomuscular Spinal Reflex Activity as a Biomarker of Motor Dysfunction and Neurorehabilitation After Incomplete Spinal Cord Injury. Biosystems and Biorobotics, 2017, , 1335-1339.	0.2	1
29	Targeting the Endogenous Pain Modulation System. Biosystems and Biorobotics, 2019, , 682-685.	0.2	0