José Luis Vargas Luna

List of Publications by Year
in descending order

11 papers	122 citations	1684188 5 h-index	1372567 10 g-index
12 all docs	12 docs citations	12 times ranked	207 citing authors

#	Article	IF	Citations
1	Dynamic Impedance Model of the Skin-Electrode Interface for Transcutaneous Electrical Stimulation. PLoS ONE, 2015, 10, e0125609.	2.5	39
2	Constitutive model for shear yield stress of magnetorheological fluid based on the concept of state transition. Smart Materials and Structures, 2015, 24, 045039.	3.5	34
3	Comparison of Twitch Responses During Current€•or Voltage€€Controlled Transcutaneous Neuromuscular Electrical Stimulation. Artificial Organs, 2015, 39, 868-875.	1.9	9
4	Optimization of Interphase Intervals to Enhance the Evoked Muscular Responses of Transcutaneous Neuromuscular Electrical Stimulation. Artificial Organs, 2017, 41, 1145-1152.	1.9	9
5	Effects of sustained electrical stimulation on spasticity assessed by the pendulum test. Current Directions in Biomedical Engineering, 2016, 2, 405-407.	0.4	5
6	Bipolar transcutaneous spinal stimulation evokes short-latency reflex responses in human lower limbs alike standard unipolar electrode configuration. Journal of Neurophysiology, 2020, 124, 1072-1082.	1.8	5
7	Comparison of Current and Voltage Control Techniques for Neuromuscular Electrical Stimulation in the Anterior Thigh. Biomedizinische Technik, 2013, 58 Suppl 1, .	0.8	4
8	Sub-threshold depolarizing pre-pulses can enhance the efficiency of biphasic stimuli in transcutaneous neuromuscular electrical stimulation. Medical and Biological Engineering and Computing, 2018, 56, 2213-2219.	2.8	4
9	Neurophysiology of epidurally evoked spinal cord reflexes in clinically motor-complete posttraumatic spinal cord injury. Experimental Brain Research, 2021, 239, 2605-2620.	1.5	4
10	Skin-Electrode Impedance Model for Typical Transcutaneous Electrical Stimulation Pulses. , 2014, , .		2
11	Application of a Neural Network to Improve the Automatic Measurement of Blood Pressure. Communications in Computer and Information Science, 2013, , 263-272.	0.5	0