

JosÃ© Luis Vargas Luna

List of Publications by Year in descending order

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Version: 2024-02-01

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