

Eduardo Martin Moraud

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

3,073
citations

566801

15
h-index

839053

18
g-index

19
all docs

19
docs citations

19
times ranked

4139
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprosthetic baroreflex controls haemodynamics after spinal cord injury. <i>Nature</i> , 2021, 590, 308-314.	13.7	96
2	Towards adaptive deep brain stimulation: clinical and technical notes on a novel commercial device for chronic brain sensing. <i>Journal of Neural Engineering</i> , 2021, 18, 042002.	1.8	56
3	Adaptive, personalized closed-loop therapy for Parkinson's disease: biochemical, neurophysiological, and wearable sensing systems. <i>Expert Review of Neurotherapeutics</i> , 2021, 21, 1371-1388.	1.4	17
4	Controlling Clinical States Governed by Different Temporal Dynamics With Closed-Loop Deep Brain Stimulation: A Principled Framework. <i>Frontiers in Neuroscience</i> , 2021, 15, 734186.	1.4	20
5	Advantages of soft subdural implants for the delivery of electrochemical neuromodulation therapies to the spinal cord. <i>Journal of Neural Engineering</i> , 2018, 15, 026024.	1.8	41
6	Closed-loop control of trunk posture improves locomotion through the regulation of leg proprioceptive feedback after spinal cord injury. <i>Scientific Reports</i> , 2018, 8, 76.	1.6	30
7	Configuration of electrical spinal cord stimulation through real-time processing of gait kinematics. <i>Nature Protocols</i> , 2018, 13, 2031-2061.	5.5	96
8	Inhaling xenon ameliorates L-DOPA-induced dyskinesia in experimental parkinsonism. <i>Movement Disorders</i> , 2018, 33, 1632-1642.	2.2	15
9	Rehabilitative Soft Exoskeleton for Rodents. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 107-118.	2.7	12
10	A brain-spine interface alleviating gait deficits after spinal cord injury in primates. <i>Nature</i> , 2016, 539, 284-288.	13.7	492
11	Spatiotemporal neuromodulation therapies engaging muscle synergies improve motor control after spinal cord injury. <i>Nature Medicine</i> , 2016, 22, 138-145.	15.2	274
12	Mechanisms Underlying the Neuromodulation of Spinal Circuits for Correcting Gait and Balance Deficits after Spinal Cord Injury. <i>Neuron</i> , 2016, 89, 814-828.	3.8	144
13	Properties of Neurons in External Globus Pallidus Can Support Optimal Action Selection. <i>PLoS Computational Biology</i> , 2016, 12, e1005004.	1.5	30
14	Electronic dura mater for long-term multimodal neural interfaces. <i>Science</i> , 2015, 347, 159-163.	6.0	845
15	Neuroprosthetic technologies to augment the impact of neurorehabilitation after spinal cord injury. <i>Annals of Physical and Rehabilitation Medicine</i> , 2015, 58, 232-237.	1.1	26
16	Closed-loop neuromodulation of spinal sensorimotor circuits controls refined locomotion after complete spinal cord injury. <i>Science Translational Medicine</i> , 2014, 6, 255ra133.	5.8	170
17	A real-time platform for studying the modulatory capacity of epidural stimulation after spinal cord injury. , 2013, , .		0
18	Restoring Voluntary Control of Locomotion after Paralyzing Spinal Cord Injury. <i>Science</i> , 2012, 336, 1182-1185.	6.0	701

#	ARTICLE	IF	CITATIONS
19	Highly Precise Dynamic Simulation Environment for Humanoid Robots. <i>Advanced Robotics</i> , 2008, 22, 1075-1105.	1.1	8