Eduardo Martin Moraud

List of Publications by Year
in descending order

19	3,073	566801 15	839053 18
papers	citations	h-index	g-index

19	19	19	4139
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electronic dura mater for long-term multimodal neural interfaces. Science, 2015, 347, 159-163.	6.0	845
2	Restoring Voluntary Control of Locomotion after Paralyzing Spinal Cord Injury. Science, 2012, 336, 1182-1185.	6.0	701
3	A brainâ€“spine interface alleviating gait deficits after spinal cord injury in primates. Nature, 2016, 539, 284-288.	13.7	492
4	Spatiotemporal neuromodulation therapies engaging muscle synergies improve motor control after spinal cord injury. Nature Medicine, 2016, 22, 138-145.	15.2	274
5	Closed-loop neuromodulation of spinal sensorimotor circuits controls refined locomotion after complete spinal cord injury. Science Translational Medicine, 2014, 6, 255ra133.	5.8	170
6	Mechanisms Underlying the Neuromodulation of Spinal Circuits for Correcting Gait and Balance Deficits after Spinal Cord Injury. Neuron, 2016, 89, 814-828.	3.8	144
7	Configuration of electrical spinal cord stimulation through real-time processing of gait kinematics. Nature Protocols, 2018, 13, 2031-2061.	5.5	96
8	Neuroprosthetic baroreflex controls haemodynamics after spinal cord injury. Nature, 2021, 590, 308-314.	13.7	96
9	Towards adaptive deep brain stimulation: clinical and technical notes on a novel commercial device for chronic brain sensing. Journal of Neural Engineering, 2021, 18, 042002.	1.8	56
10	Advantages of soft subdural implants for the delivery of electrochemical neuromodulation therapies to the spinal cord. Journal of Neural Engineering, 2018, 15, 026024.	1.8	41
11	Closed-loop control of trunk posture improves locomotion through the regulation of leg proprioceptive feedback after spinal cord injury. Scientific Reports, 2018, 8, 76.	1.6	30
12	Properties of Neurons in External Globus Pallidus Can Support Optimal Action Selection. PLoS Computational Biology, 2016, 12, e1005004.	1.5	30
13	Neuroprosthetic technologies to augment the impact of neurorehabilitation after spinal cord injury. Annals of Physical and Rehabilitation Medicine, 2015, 58, 232-237.	1.1	26
14	Controlling Clinical States Governed by Different Temporal Dynamics With Closed-Loop Deep Brain Stimulation: A Principled Framework. Frontiers in Neuroscience, 2021, 15, 734186.	1.4	20
15	Adaptive, personalized closed-loop therapy for Parkinsonâ€™s disease: biochemical, neurophysiological, and wearable sensing systems. Expert Review of Neurotherapeutics, 2021, 21, 1371-1388.	1.4	17
16	Inhaling xenon ameliorates <scp>l</scp>â€dopaâ€induced dyskinesia in experimental parkinsonism. Movement Disorders, 2018, 33, 1632-1642.	2.2	15
17	Rehabilitative Soft Exoskeleton for Rodents. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 107-118.	2.7	12
18	Highly Precise Dynamic Simulation Environment for Humanoid Robots. Advanced Robotics, 2008, 22, 1075-1105.	1.1	8

#	Article	IF	Citations
19	A real-time platform for studying the modulatory capacity of epidural stimulation after spinal cord injury. , 2013, , .		0