

Targeted neurotechnology restores walking in humans

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Reporting for Duty: The duty cycle in Functional Electrical Stimulation research. Part I: Critical commentaries of the literature. <i>European Journal of Translational Myology</i> , 2018, 28, 7732.	0.8	8
2	The duty cycle in Functional Electrical Stimulation research. Part II: Duty cycle multiplicity and domain reporting. <i>European Journal of Translational Myology</i> , 2018, 28, 7733.	0.8	8
3	Myokines in Home-Based Functional Electrical Stimulation-Induced Recovery of Skeletal Muscle in Elderly and Permanent Denervation. <i>European Journal of Translational Myology</i> , 2018, 28, 7905.	0.8	20
4	Innovations in electrical stimulation harness neural plasticity to restore motor function. <i>Bioelectronics in Medicine</i> , 2018, 1, 251-263.	2.0	5
5	A giant step for spinal cord injury research. <i>Nature Neuroscience</i> , 2018, 21, 1647-1648.	7.1	12
6	Differential activation of lumbar and sacral motor pools during walking at different speeds and slopes. <i>Journal of Neurophysiology</i> , 2019, 122, 872-887.	0.9	18
7	Neurorestorative interventions involving bioelectronic implants after spinal cord injury. <i>Bioelectronic Medicine</i> , 2019, 5, 10.	1.0	22
8	Spatiotemporal Stimulation Re-establishes Voluntary Control of Previously Paralyzed Muscles During Locomotion After Spinal Cord Injury. <i>Neurosurgery</i> , 2019, 85, E200-E202.	0.6	0
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11	Adding wisdom to "smart" bioelectronic systems: a design framework for physiologic control including practical examples. <i>Bioelectronics in Medicine</i> , 2019, 2, 29-41.	2.0	16
12	The Mechanistic Basis for Successful Spinal Cord Stimulation to Generate Steady Motor Outputs. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 359.	1.8	4
13	Neural engineering: the process, applications, and its role in the future of medicine. <i>Journal of Neural Engineering</i> , 2019, 16, 063002.	1.8	14
14	Low-Frequency Brain Oscillations Track Motor Recovery in Human Stroke. <i>Annals of Neurology</i> , 2019, 86, 853-865.	2.8	39
15	Optimizing Neuromuscular Electrical Stimulation Pulse Width and Amplitude to Promote Central Activation in Individuals With Severe Spinal Cord Injury. <i>Frontiers in Physiology</i> , 2019, 10, 1310.	1.3	16
16	Remarkable hand grip steadiness in individuals with complete spinal cord injury. <i>Experimental Brain Research</i> , 2019, 237, 3175-3183.	0.7	7
17	Neurophysiological markers predicting recovery of standing in humans with chronic motor complete spinal cord injury. <i>Scientific Reports</i> , 2019, 9, 14474.	1.6	23
18	Preferential activation of spinal sensorimotor networks via lateralized transcutaneous spinal stimulation in neurologically intact humans. <i>Journal of Neurophysiology</i> , 2019, 122, 2111-2118.	0.9	33
19	Restoration of hand function with long-term paired associative stimulation after chronic incomplete tetraplegia: a case study. <i>Spinal Cord Series and Cases</i> , 2019, 5, 81.	0.3	24

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20	Bioelectronic medicine: an unexpected path to new therapies. <i>Journal of Internal Medicine</i> , 2019, 286, 237-239.	2.7	13
21	Serotonergic Mechanisms in Locomotor Effects of Electrical Spinal Cord Stimulation. <i>Human Physiology</i> , 2019, 45, 557-564.	0.1	0
22	Alginate Hydrogels as Scaffolds and Delivery Systems to Repair the Damaged Spinal Cord. <i>Biotechnology Journal</i> , 2019, 14, e1900275.	1.8	49
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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