

A brain–spine interface alleviating gait deficits after s

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Enhancing Nervous System Recovery through Neurobiologics, Neural Interface Training, and Neurorehabilitation. <i>Frontiers in Neuroscience</i> , 2016, 10, 584.	1.4	121
2	Correlation of impedance and effective electrode area of chondroitin sulphate doped PEDOT modified electrodes. <i>Synthetic Metals</i> , 2016, 222, 338-343.	2.1	5
3	Neural interfaces take another step forward. <i>Nature</i> , 2016, 539, 177-178.	13.7	17
4	Surgical, ethical, and psychosocial considerations in human head transplantation. <i>International Journal of Surgery</i> , 2017, 41, 190-195.	1.1	18
5	Review: Human Intracortical Recording and Neural Decoding for Brain-Computer Interfaces. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 1687-1696.	2.7	80
6	An overview of online based platforms for sharing and analyzing electrophysiology data from big data perspective. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2017, 7, e1206.	4.6	9
7	Spike-timing-dependent plasticity in lower-limb motoneurons after human spinal cord injury. <i>Journal of Neurophysiology</i> , 2017, 118, 2171-2180.	0.9	72
8	Neuroprosthetics: Restoring multi-joint motor control. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	7
9	A Fully Integrated Wireless SoC for Motor Function Recovery After Spinal Cord Injury. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2017, 11, 497-509.	2.7	55
10	Gentler alternatives to chips in the brain. <i>Nature</i> , 2017, 544, 416-416.	13.7	2
11	Opening the gait. <i>Nature Reviews Neuroscience</i> , 2017, 18, 4-4.	4.9	0
12	An engineered home environment for untethered data telemetry from nonhuman primates. <i>Journal of Neuroscience Methods</i> , 2017, 288, 72-81.	1.3	6
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14	Towards closed-loop neuromodulation: a wireless miniaturized neural implant SoC. , 2017, 10194, .		2
15	Beyond intuitive anthropomorphic control: recent achievements using brain computer interface technologies. <i>Proceedings of SPIE</i> , 2017, , .	0.8	2
16	Neurophysiology and neural engineering: a review. <i>Journal of Neurophysiology</i> , 2017, 118, 1292-1309.	0.9	30
17	Restoration of reaching and grasping movements through brain-controlled muscle stimulation in a person with tetraplegia: a proof-of-concept demonstration. <i>Lancet, The</i> , 2017, 389, 1821-1830.	6.3	632
18	Brain-Machine Interfaces: From Basic Science to Neuroprostheses and Neurorehabilitation. <i>Physiological Reviews</i> , 2017, 97, 767-837.	13.1	409

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19	The quest for miniaturized soft bioelectronic devices. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	103
20	Brain-Machine Interface Control Algorithms. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 1725-1734.	2.7	58
21	Central nervous system microstimulation: Towards selective micro-neuromodulation. <i>Current Opinion in Biomedical Engineering</i> , 2017, 4, 65-77.	1.8	12
22	In Vivo Neuromechanics: Decoding Causal Motor Neuron Behavior with Resulting Musculoskeletal Function. <i>Scientific Reports</i> , 2017, 7, 13465.	1.6	58
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