

Restoration of reaching and grasping movements through stimulation in a person with tetraplegia: a proof-of-concept study

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Retrospectively supervised click decoder calibration for self-calibrating point-and-click brain-computer interfaces. <i>Journal of Physiology (Paris)</i> , 2016, 110, 382-391.	2.1	17
2	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
3	Neuroprosthetics: Restoring multi-joint motor control. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	7
4	Motor Cortical Visuomotor Feedback Activity Is Initially Isolated from Downstream Targets in Output-Null Neural State Space Dimensions. <i>Neuron</i> , 2017, 95, 195-208.e9.	3.8	90
5	Physiological properties of brain-machine interface input signals. <i>Journal of Neurophysiology</i> , 2017, 118, 1329-1343.	0.9	38
6	Reaching again: a glimpse of the future with neuroprosthetics. <i>Lancet, The</i> , 2017, 389, 1777-1778.	6.3	2
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8	Giuliano Vanghetti and the innovation of "cineplastic operations". <i>Neurology</i> , 2017, 89, 1627-1632.	1.5	19
9	Central nervous system microstimulation: Towards selective micro-neuromodulation. <i>Current Opinion in Biomedical Engineering</i> , 2017, 4, 65-77.	1.8	12
10	Microelectrode implantation in motor cortex causes fine motor deficit: Implications on potential considerations to Brain Computer Interfacing and Human Augmentation. <i>Scientific Reports</i> , 2017, 7, 15254.	1.6	55
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20	Targeting CD14 on blood derived cells improves intracortical microelectrode performance. <i>Biomaterials</i> , 2018, 163, 163-173.	5.7	47
21	A Comparison of Intention Estimation Methods for Decoder Calibration in Intracortical Brain-Computer Interfaces. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 2066-2078.	2.5	19
22	A fast intracortical brain-machine interface with patterned optogenetic feedback. <i>Journal of Neural Engineering</i> , 2018, 15, 046011.	1.8	18
23	EEG-controlled functional electrical stimulation for hand opening and closing in chronic complete cervical spinal cord injury. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 065005.	0.6	18
24	Object discrimination using electrotactile feedback. <i>Journal of Neural Engineering</i> , 2018, 15, 046007.	1.8	29
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