

Marco Bonizzato

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1389113/publications.pdf>

Version: 2024-02-01

10
papers

1,247
citations

1162367

8
h-index

1372195

10
g-index

12
all docs

12
docs citations

12
times ranked

1827
citing authors

#	ARTICLE	IF	CITATIONS
1	Restoring Natural Sensory Feedback in Real-Time Bidirectional Hand Prostheses. <i>Science Translational Medicine</i> , 2014, 6, 222ra19.	5.8	805
2	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
3	Brain-controlled modulation of spinal circuits improves recovery from spinal cord injury. <i>Nature Communications</i> , 2018, 9, 3015.	5.8	108
4	Corticospinal neuroprostheses to restore locomotion after spinal cord injury. <i>Neuroscience Research</i> , 2014, 78, 21-29.	1.0	47
5	Multi-pronged neuromodulation intervention engages the residual motor circuitry to facilitate walking in a rat model of spinal cord injury. <i>Nature Communications</i> , 2021, 12, 1925.	5.8	35
6	An intracortical neuroprosthesis immediately alleviates walking deficits and improves recovery of leg control after spinal cord injury. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	32
7	Monolayer Graphene Coating of Intracortical Probes for Long-Lasting Neural Activity Monitoring. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801331.	3.9	25
8	Hierarchical Bayesian Optimization of Spatiotemporal Neurostimulations for Targeted Motor Outputs. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 1452-1460.	2.7	16
9	Neuroprosthetics: an outlook on active challenges toward clinical adoption. <i>Journal of Neurophysiology</i> , 2021, 125, 105-109.	0.9	3
10	Introducing a biomimetic coating for graphene neuroelectronics: toward in-vivo applications. <i>Biomedical Physics and Engineering Express</i> , 2021, 7, 015006.	0.6	3