

# 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	Neuroprosthetics: an outlook on active challenges toward clinical adoption. Journal of Neurophysiology, 2021, 125, 105-109.	0.9	3
2	Introducing a biomimetic coating for graphene neuroelectronics: toward in-vivo applications. Biomedical Physics and Engineering Express, 2021, 7, 015006.	0.6	3
3	Multi-pronged neuromodulation intervention engages the residual motor circuitry to facilitate walking in a rat model of spinal cord injury. Nature Communications, 2021, 12, 1925.	5.8	35
4	An intracortical neuroprosthesis immediately alleviates walking deficits and improves recovery of leg control after spinal cord injury. Science Translational Medicine, 2021, 13, .	5.8	32
5	Hierarchical Bayesian Optimization of Spatiotemporal Neurostimulations for Targeted Motor Outputs. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1452-1460.	2.7	16
6	Monolayer Graphene Coating of Intracortical Probes for Long-Lasting Neural Activity Monitoring. Advanced Healthcare Materials, 2019, 8, e1801331.	3.9	25
7	Brain-controlled modulation of spinal circuits improves recovery from spinal cord injury. Nature Communications, 2018, 9, 3015.	5.8	108
8	Closed-loop neuromodulation of spinal sensorimotor circuits controls refined locomotion after complete spinal cord injury. Science Translational Medicine, 2014, 6, 255ra133.	5.8	170
9	Corticospinal neuroprostheses to restore locomotion after spinal cord injury. Neuroscience Research, 2014, 78, 21-29.	1.0	47
10	Restoring Natural Sensory Feedback in Real-Time Bidirectional Hand Prostheses. Science Translational Medicine, 2014, 6, 222ra19.	5.8	805