

Timothy M Otchy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1561453/publications.pdf>

Version: 2024-02-01

8
papers

690
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

963
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Acute off-target effects of neural circuit manipulations. <i>Nature</i> , 2015, 528, 358-363. | 27.8 | 307 |
| 2 | Changes in the neural control of a complex motor sequence during learning. <i>Journal of Neurophysiology</i> , 2011, 106, 386-397. | 1.8 | 121 |
| 3 | The Basal Ganglia Is Necessary for Learning Spectral, but Not Temporal, Features of Birdsong. <i>Neuron</i> , 2013, 80, 494-506. | 8.1 | 119 |
| 4 | Carbon fiber on polyimide ultra-microelectrodes. <i>Journal of Neural Engineering</i> , 2018, 15, 016010. | 3.5 | 50 |
| 5 | Fast micron-scale 3D printing with a resonant-scanning two-photon microscope. <i>Additive Manufacturing</i> , 2019, 30, 100887. | 3.0 | 42 |
| 6 | Printable microscale interfaces for long-term peripheral nerve mapping and precision control. <i>Nature Communications</i> , 2020, 11, 4191. | 12.8 | 22 |
| 7 | Design and Assembly of an Ultra-light Motorized Microdrive for Chronic Neural Recordings in Small Animals. <i>Journal of Visualized Experiments</i> , 2012, , . | 0.3 | 20 |
| 8 | A Microclip Peripheral Nerve Interface (1/4cPNI) for Bioelectronic Interfacing with Small Nerves. <i>Advanced Science</i> , 2022, 9, e2102945. | 11.2 | 6 |