Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 13, 2025

TetrODrive

RRID:SCR_022326
Type: Tool

Proper Citation

TetrODrive (RRID:SCR_022326)

Resource Information

URL: https://edspace.american.edu/openbehavior/project/tetrodrive/

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Description: 3D printed microdrive for electrophysiology and optophysiology. Consists of main body and head. Used for in vivo tetrode recording, optical imaging, and optogenetic manipulation in freely moving mice.Design files and build instructions for this device can be found on TetrODrive GitHub.Microdrive can be assembled in 15 min and price for all materials, including 3D printer, is lower than single commercial microdrive.

Resource Type: portal, data or information resource, instrument resource, project portal

Defining Citation: DOI:10.1088/1741-2552/abf608

Keywords: OpenBehavior, Instrument, microdrive, behavior measurement, freely moving, neural recording, electrical recording, optical imaging, neural modulation, optogenetics

Funding:

Availability: Free, Freely available

Resource Name: TetrODrive

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Alternate URLs: https://github.com/MarcelMB/TetrODrive

Record Creation Time: 20220602T050139+0000

Record Last Update: 20250513T062245+0000

Ratings and Alerts

No rating or validation information has been found for TetrODrive.

No alerts have been found for TetrODrive.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.