Resource Summary Report

Generated by RRID on Apr 11, 2025

CerebraLux

RRID:SCR_021570
Type: Tool

Proper Citation

CerebraLux (RRID:SCR_021570)

Resource Information

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

Proper Citation: CerebraLux (RRID:SCR_021570)

Description: Portal provides low cost, open source, wireless probe for optogenetic stimulation. This wireless system for optogenetic stimulation was developed by UCLA scientists. Device consists of two parts. Optical component is mounted on head permanently, whereas electronic component is removable and is applied for each experiment. Device is controlled via custom GUI (built with the TkInter Python 2.7 library) which sends pulses to device via Arduino Uno.

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

Defining Citation: DOI:10.1117/1.nph.4.4.045001

Keywords: Instrument, optogenetic stimulation, wireless system, OpenBehavior

Funding:

Availability: Free, Freely available

Resource Name: CerebraLux

Resource ID: SCR_021570

Record Creation Time: 20220129T080356+0000

Record Last Update: 20250411T060205+0000

Ratings and Alerts

No rating or validation information has been found for CerebraLux.

No alerts have been found for CerebraLux.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.