Mousecam project

RRID:SCR_021422
Type: Tool

Proper Citation

Mousecam project (RRID:SCR_021422)

Resource Information

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

Proper Citation: Mousecam project (RRID:SCR_021422)

Description: Project related to capturing detailed behavior in freely moving mice. System combines lightweight head mounted camera and head movement sensors to detect behaviors in mice. Used to monitor behaviors including eye position, whisking, and ear movements in unrestrained animals.Can be mounted in combination with neural implants for recording brain activity.Provides software Python package with functions for extracting and analyzing data recorded using camera.

Synonyms: Mousecam

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

Defining Citation: DOI:10.1016/j.neuron.2018.09.020

Keywords: Lightweight head mounted camera system, head movement sensors, monitor eye position, monitor pupil dilation, monitor whisking, monitor pinna movements, monitor head motion, unrestrained mice, freely behaving mice, multichannel electrophysiology, OpenBehavior, Instrument

Funding:

Availability: Free, Freely available

Resource Name: Mousecam project

Resource ID: SCR_021422

Record Creation Time: 20220129T080355+0000

Record Last Update: 20250407T220614+0000

Ratings and Alerts

No rating or validation information has been found for Mousecam project.

No alerts have been found for Mousecam project.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.