# **Resource Summary Report**

Generated by NIF on May 25, 2025

# **EZcalcium**

RRID:SCR\_022354

Type: Tool

### **Proper Citation**

EZcalcium (RRID:SCR\_022354)

#### Resource Information

**URL:** <a href="https://edspace.american.edu/openbehavior/project/ezcalcium/">https://edspace.american.edu/openbehavior/project/ezcalcium/</a>

**Proper Citation:** EZcalcium (RRID:SCR\_022354)

**Description:** Software package for MATLAB that makes motion correction, segmentation, signal extraction and dimension reduction, analysis, and visualization of calcium imaging data easy to implement. Open source toolbox for analysis of calcium imaging data.

**Resource Type:** data processing software, software resource, data analysis software, software application

Defining Citation: DOI:10.3389/fncir.2020.00025

**Keywords:** OpenBehavior, neural signal analysis, neural recording, optical imaging, analyze calcium imaging data

**Funding:** 

Availability: Free, Available for download, Freely available

Resource Name: EZcalcium

Resource ID: SCR\_022354

Alternate URLs: https://github.com/porteralab/EZcalcium

License: GPL v3

**Record Creation Time:** 20220602T050140+0000

**Record Last Update:** 20250525T031918+0000

## **Ratings and Alerts**

No rating or validation information has been found for EZcalcium.

No alerts have been found for EZcalcium.

## **Data and Source Information**

Source: SciCrunch Registry

# **Usage and Citation Metrics**

We have not found any literature mentions for this resource.