

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

Calcium Imaging data Analysis project

RRID:SCR_021477

Type: Tool

Proper Citation

Calcium Imaging data Analysis project (RRID:SCR_021477)

Resource Information

URL: <https://edspace.american.edu/openbehavior/project/caiman/>

Proper Citation: Calcium Imaging data Analysis project (RRID:SCR_021477)

Description: Project related to calcium imaging. Provides software library, CalmAn, for one and two-photon Calcium Imaging data Analysis.

Abbreviations: CalmAn

Synonyms: Calcium Imaging data Analysis

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

Defining Citation: [DOI:10.7554/elife.38173](https://doi.org/10.7554/elife.38173)

Keywords: calcium imaging analysis, movie handling, motion correction, source extraction, spike deconvolution, result visualization, OpenBehavior

Availability: Free, Freely available

Resource Name: Calcium Imaging data Analysis project

Resource ID: SCR_021477

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260905T133058+0000

Ratings and Alerts

No rating or validation information has been found for Calcium Imaging data Analysis project.

No alerts have been found for Calcium Imaging data Analysis project.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Dos Santos Corrêa M, et al. (2026) Neuronal networks in the dorsal hippocampus causally regulate rescue behavior in mice. Cell reports, 45(2), 116923.

Kogan JF, et al. (2024) Learning enhances representations of taste-guided decisions in the mouse gustatory insular cortex. Current biology : CB, 34(9), 1880.