Resource Summary Report

Generated by NIF on Aug 26, 2026

UCLA Miniscope project

RRID:SCR_021480
Type: Tool

Proper Citation

UCLA Miniscope project (RRID:SCR_021480)

Resource Information

URL: https://edspace.american.edu/openbehavior/project/ucla-miniscope/

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Description: Project related to fluorescence imaging to record neural activity in awake, freely behaving mice.Provided system is developed by UCLA scientists. Miniscope system includes Miniscope with single, flexible coaxial cable to carry power, control signals, and imaging data to open source Data Acquisition hardware and software. Open source miniature fluorescence microscope uses wide-field fluorescence imaging to record neural activity in awake, freely behaving mice.

Synonyms: UCLA Miniscope

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

Keywords: Miniature fluorescence microscope, wide field fluorescence imaging, record neural activity, activity record, OpenBehavior, Instrument

Resource Name: UCLA Miniscope project

Resource ID: SCR_021480

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260821T194209+0000

Ratings and Alerts

No rating or validation information has been found for UCLA Miniscope project.

No alerts have been found for UCLA Miniscope 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 NIF .

Kohli A, et al. (2025) Ring deconvolution microscopy: exploiting symmetry for efficient spatially varying aberration correction. Nature methods, 22(6), 1311.

Abd El Hay MY, et al. (2025) Diverging roles of TRPV1 and TRPM2 in warm-temperature detection. eLife, 13.