Resource Summary Report

Generated by dkNET on Aug 10, 2026

IRIS two photon acquisition package

RRID:SCR_021212
Type: Tool

Proper Citation

IRIS two photon acquisition package (RRID:SCR_021212)

Resource Information

URL: https://sourceforge.net/projects/iris-scanning/

Proper Citation: IRIS two photon acquisition package (RRID:SCR_021212)

Description: Software LabView package for two-photon calcium imaging acquisition. Used for controlling two-photon microscope and preprocessing of calcium imaging data.

Synonyms: IRIS two-photon acquisition package

Resource Type: image acquisition software, data processing software, software application, data acquisition software, software toolkit, software resource

Defining Citation: DOI:10.1016/j.cell.2017.05.023

Keywords: LabView, Two-photon calcium imaging, 2-photon microscope, photon acquisition, calcium imaging acquisition

Funding: Novartis Research Foundation ;
Swiss National Science Foundation

Availability: Free, Available for download, Freely available

Resource Name: IRIS two photon acquisition package

Resource ID: SCR_021212

Record Creation Time: 20220129T080354+0000

Record Last Update: 20260810T040759+0000

Ratings and Alerts

No rating or validation information has been found for IRIS two photon acquisition package.

No alerts have been found for IRIS two photon acquisition package.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Heindorf M, et al. (2024) Antipsychotic drugs selectively decorrelate long-range interactions in deep cortical layers. eLife, 12.

Yogesh B, et al. (2024) Cholinergic input to mouse visual cortex signals a movement state and acutely enhances layer 5 responsiveness. eLife, 12.

Jordan R, et al. (2023) The locus coeruleus broadcasts prediction errors across the cortex to promote sensorimotor plasticity. eLife, 12.

Widmer FC, et al. (2022) NMDA receptors in visual cortex are necessary for normal visuomotor integration and skill learning. eLife, 11.

Barnes SJ, et al. (2022) Homeostatic regulation through strengthening of neuronal network-correlated synaptic inputs. eLife, 11.

Garner AR, et al. (2022) A cortical circuit for audio-visual predictions. Nature neuroscience, 25(1), 98.

Keller AJ, et al. (2020) A Disinhibitory Circuit for Contextual Modulation in Primary Visual Cortex. Neuron, 108(6), 1181.