

Resource Summary Report

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

Defining Citation: [DOI:10.1016/j.cell.2017.05.023](https://doi.org/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

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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 [RRID](#) .

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.

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

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