

Resource Summary Report

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

Pycro Manager

RRID:SCR_022356

Type: Tool

Proper Citation

Pycro Manager (RRID:SCR_022356)

Resource Information

URL: <https://edspace.american.edu/openbehavior/project/pycro-manager/>

Proper Citation: Pycro Manager (RRID:SCR_022356)

Description: Open source software for customized and reproducible microscope control. Software Python package that enables control of micro-manager as well as development of customized experiments integrated with real-time image processing.

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

Defining Citation: [DOI:10.1038/s41592-021-01087-6](https://doi.org/10.1038/s41592-021-01087-6)

Keywords: OpenBehavior, microscope control, image processing, micro manager

Availability: Free, Available for download, Freely available

Resource Name: Pycro Manager

Resource ID: SCR_022356

Alternate URLs: <https://github.com/micro-manager/pycro-manager>

License: BSD-3-Clause License

Record Creation Time: 20220602T050140+0000

Record Last Update: 20260905T133013+0000

Ratings and Alerts

No rating or validation information has been found for Pycro Manager.

No alerts have been found for Pycro Manager.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Coca-Lopez N, et al. (2025) Artificial Intelligence-Powered Raman Spectroscopy through Open Science and FAIR Principles. ACS nano, 19(44), 38189.

Yeh LH, et al. (2024) Permittivity tensor imaging: modular label-free imaging of 3D dry mass and 3D orientation at high resolution. Nature methods, 21(7), 1257.

Ivanov IE, et al. (2023) Mantis: high-throughput 4D imaging and analysis of the molecular and physical architecture of cells. bioRxiv : the preprint server for biology.