Resource Summary Report

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PyImageJ

RRID:SCR_023336
Type: Tool

Proper Citation

PyImageJ (RRID:SCR_023336)

Resource Information

URL: https://github.com/imagej/pyimagej

Proper Citation: PyImageJ (RRID:SCR_023336)

Description: Software provides set of wrapper functions for integration between ImageJ2 and Python. Supports original ImageJ API and data structures. Used to combine ImageJ and ImageJ2 with other tools available from Python software ecosystem, including NumPy, SciPy, scikit-image, CellProfiler, OpenCV, ITK and many more.

Synonyms: Python wrapper for ImageJ2

Resource Type: software resource

Keywords: set of wrapper functions, integration between ImageJ2 and Python,

Availability: Free, Available for download, Freely available

Resource Name: PyImageJ

Resource ID: SCR_023336

License: Apache v2

Record Creation Time: 20230308T050206+0000

Record Last Update: 20260808T190252+0000

Ratings and Alerts

No rating or validation information has been found for PyImageJ.

No alerts have been found for PyImageJ.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Rabouw HH, et al. (2026) Live-cell single-vRNP imaging identifies viral gene expression signatures that shape influenza infection heterogeneity. Cell systems, 17(2), 101489.

van den Broek D, et al. (2026) Activity of ice-binding proteins can be markedly enhanced by protein tags. Nanoscale, 18(14), 7767.

Braun AD, et al. (2025) MCAM Expression Facilitates Melanoma-Endothelial Interactions and Promotes Metastatic Disease Progression. Experimental dermatology, 34(2), e70059.

Smith JA, et al. (2025) Protocol for processing and analyzing multiplexed images improves lymphatic cell identification and spatial architecture in human tissue. STAR protocols, 6(3), 103976.

Bushiri Pwesombo D, et al. (2025) Semisupervised Contrastive Learning for Bioactivity Prediction Using Cell Painting Image Data. Journal of chemical information and modeling, 65(2), 528.

Leclech C, et al. (2025) Micro-Scale Topography Triggers Dynamic 3D Nuclear Deformations. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(11), e2410052.

Wiggins L, et al. (2025) CellPhePy: A python implementation of the CellPhe toolkit for automated cell phenotyping from microscopy time-lapse videos. Journal of microscopy, 300(2), 250.

Bell JM, et al. (2025) Photocleavable Mass-Tagged Oligonucleotide Probes for Multiplexed and Multiomic Tissue Imaging of Targeted Transcripts. Journal of the American Society for Mass Spectrometry, 36(8), 1621.

Stoy H, et al. (2023) Direct visualization of transcription-replication conflicts reveals post-replicative DNA:RNA hybrids. Nature structural & molecular biology, 30(3), 348.

Romero S, et al. (2023) Live Cell Imaging Reveals HBV Capsid Translocation from the Nucleus To the Cytoplasm Enabled by Cell Division. mBio, 14(2), e0330322.

Brivio E, et al. (2023) Sex shapes cell-type-specific transcriptional signatures of stress exposure in the mouse hypothalamus. Cell reports, 42(8), 112874.

Whittaker DS, et al. (2023) Circadian modulation by time-restricted feeding rescues brain pathology and improves memory in mouse models of Alzheimer's disease. Cell metabolism, 35(10), 1704.