

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 12, 2025

ImageJ

RRID:SCR_003070

Type: Tool

Proper Citation

ImageJ (RRID:SCR_003070)

Resource Information

URL: <https://imagej.net/>

Proper Citation: ImageJ (RRID:SCR_003070)

Description: Open source Java based image processing software program designed for scientific multidimensional images. ImageJ has been transformed to ImageJ2 application to improve data engine to be sufficient to analyze modern datasets.

Synonyms: Image J, ImageJ - Image Processing and Analysis in Java, ImageJ2, ImageJ

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

Defining Citation: [PMID:22930834](#), [PMID:29187165](#), [DOI:10.1038/nmeth.2089](#)

Keywords: image, data, processing, analysis, datasets, visualization,

Funding: NINDS ;
NIGMS RC2 GM092519;
Wellcome Trust Strategic Award 095931;
the Laboratory for Optical and Computational Instrumentation ;
the Morgridge Institute for Research ;
NIH ;
NIMH

Availability: Free, Available for download, Freely available

Resource Name: ImageJ

Resource ID: SCR_003070

Alternate IDs: ascl:1206.013, rid_000070, Q1659584, 2012ascl.soft06013R, nif-0000-30467, SCR_018407

Alternate URLs: <https://imagej.net/ij/>, <http://rsbweb.nih.gov/ij/>,
<https://imagej.nih.gov/ij/download.html>, <https://imagej.nih.gov/ij/>,
<https://sources.debian.org/src/imagej/>,

Old URLs: <https://imagej.nih.gov/ij/>, http://www.nitrc.org/projects/incf_imagej,

License: Simplified (2-clause) Berkeley Software Distribution (BSD)

Record Creation Time: 20220129T080217+0000

Record Last Update: 20250412T054758+0000

Ratings and Alerts

No rating or validation information has been found for ImageJ.

No alerts have been found for ImageJ.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 25491 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

González-Melo A, et al. (2025) Linking seedling wood anatomical trade-offs with drought and seedling growth and survival in tropical dry forests. *The New phytologist*, 245(1), 117.

Zhang M, et al. (2025) Improved protocol for histological and histopathological preparation of large eyes. *Microscopy research and technique*, 88(1), 172.

Gölaç H, et al. (2025) Swallowing Kinematics in Male Patients with Total Laryngectomy. *The Laryngoscope*, 135(2), 809.

Jun I, et al. (2025) Exploring the potential of laser-textured metal alloys: Fine-tuning vascular cells responses through in vitro and ex vivo analysis. *Bioactive materials*, 43, 181.

El-Daher F, et al. (2025) Microglia are essential for tissue contraction in wound closure after

brain injury in zebrafish larvae. *Life science alliance*, 8(1).

Schöneberg Y, et al. (2025) Three Novel Spider Genomes Unveil Spidroin Diversification and Hox Cluster Architecture: *Ryuthela nishihirai* (Liphistiidae), *Uloborus plumipes* (Uloboridae) and *Cheiracanthium punctorium* (Cheiracanthiidae). *Molecular ecology resources*, 25(1), e14038.

Bhattacharya S, et al. (2025) Flagellar rotation facilitates the transfer of a bacterial conjugative plasmid. *The EMBO journal*, 44(2), 587.

Laborde N, et al. (2025) Human colonic organoids for understanding early events of familial adenomatous polyposis pathogenesis. *The Journal of pathology*, 265(1), 26.

Meng X, et al. (2025) A synthetic methylotroph achieves accelerated cell growth by alleviating transcription-replication conflicts. *Nature communications*, 16(1), 31.

Mu L, et al. (2025) Physiological premature aging of ovarian blood vessels leads to decline in fertility in middle-aged mice. *Nature communications*, 16(1), 72.

Hu A, et al. (2025) The involvement of *Elf5* in regulating keratinocyte proliferation and differentiation processes in skin. *PloS one*, 20(1), e0316134.

Kwon J, et al. (2025) Toll-like receptor 2/6-stimulated HMC-1 mast cells promote keratinocyte migration in wound healing. *PloS one*, 20(1), e0317766.

Fisher K, et al. (2025) Structure-Function Analysis of Volatile (Z)-3-Fatty Alcohols in Tomato. *Journal of chemical ecology*, 51(1), 6.

Subramanian V, et al. (2025) Long-Term Effects of Radiation Therapy on Cerebral Microvessel Proteome: A Six-Month Post-Exposure Analysis. *bioRxiv : the preprint server for biology*.

Bornes L, et al. (2025) The oestrous cycle stage affects mammary tumour sensitivity to chemotherapy. *Nature*, 637(8044), 195.

Streckwall L, et al. (2025) Metformin reverts aortic calcifications and elastin loss induced by an experimental metabolic syndrome. *Endocrine connections*, 14(2).

Cordier A, et al. (2025) Patchiness of plankton ecosystem structure due to nutrient mixing along the shelf edge in the North Sea. *Scientific reports*, 15(1), 1183.

Curcio CA, et al. (2025) Fundus Autofluorescence Variation in Geographic Atrophy of Age-Related Macular Degeneration: A Clinicopathologic Correlation. *Investigative ophthalmology & visual science*, 66(1), 49.

Guan Y, et al. (2025) Regulable crack patterns for the fabrication of high-performance transparent EMI shielding windows. *iScience*, 28(1), 111543.

Hamada A, et al. (2025) Boosting flexible laser-induced graphene supercapacitors performance through double pass laser processing. *iScience*, 28(1), 111696.