Resource Summary Report

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Imaris

RRID:SCR_007370
Type: Tool

Proper Citation

Imaris (RRID:SCR_007370)

Resource Information

URL: http://www.bitplane.com/imaris/imaris

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Description: Imaris provides range of capabilities for working with three dimensional images. Uses flexible editing and processing functions, such as interactive surface rendering and object slicing capabilities. And output to standard TIFF, Quicktime and AVI formats. Imaris accepts virtually all image formats that are used in confocal microscopy and many of those used in wide-field image acquisition. Imaris version 10.1 for image analysis workflows using AI trainable object detection.

Synonyms: , Imaris 10.1, Imaris 9.7

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

Keywords: Three dimensional images, 3D image, AI trainable object detection,

Funding:

Availability: Restricted

Resource Name: Imaris

Resource ID: SCR_007370

Alternate IDs: nif-0000-00314

Alternate URLs: https://imaris.oxinst.com/, https://imaris.oxinst.com/newrelease

Record Creation Time: 20220129T080241+0000

Record Last Update: 20250412T055153+0000

Ratings and Alerts

No rating or validation information has been found for Imaris.

No alerts have been found for Imaris.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 13806 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Xu SB, et al. (2025) KPNA3 regulates histone locus body formation by modulating condensation and nuclear import of NPAT. The Journal of cell biology, 224(1).

Song Y, et al. (2025) Structural basis of human VANGL-PRICKLE interaction. Nature communications, 16(1), 132.

Qin Q, et al. (2025) Enhanced glycolysis-derived lactate promotes microglial activation in Parkinson's disease via histone lactylation. NPJ Parkinson's disease, 11(1), 3.

Shimizu S, et al. (2025) Spatially ordered recruitment of fast muscles in accordance with movement strengths in larval zebrafish. Zoological letters, 11(1), 1.

Courjaret RJ, et al. (2025) Ca2+ tunneling architecture and function are important for secretion. The Journal of cell biology, 224(1).

Elewaut A, et al. (2025) Cancer cells impair monocyte-mediated T cell stimulation to evade immunity. Nature, 637(8046), 716.

Guo XL, et al. (2025) Fetal hepatocytes protect the HSPC genome via fetuin-A. Nature, 637(8045), 402.

Cheng C-J, et al. (2025) Extracellular vesicles from fifth-stage larval Angiostrongylus cantonensis upregulate cholesterol biosynthesis and suppress NLRP2-associated inflammatory responses in mouse astrocytes. mSystems, 10(1), e0101424.

Bayam E, et al. (2025) Bi-allelic variants in WDR47 cause a complex neurodevelopmental

syndrome. EMBO molecular medicine, 17(1), 129.

Floor E, et al. (2025) Development of a Caco-2-based intestinal mucosal model to study intestinal barrier properties and bacteria-mucus interactions. Gut microbes, 17(1), 2434685.

Andoh M, et al. (2025) Nonapoptotic caspase-3 guides C1q-dependent synaptic phagocytosis by microglia. Nature communications, 16(1), 918.

Fink R, et al. (2025) PinkyCaMP a mScarlet-based calcium sensor with exceptional brightness, photostability, and multiplexing capabilities. bioRxiv : the preprint server for biology.

Pellegrini JM, et al. (2025) Brucella abortus impairs T lymphocyte responsiveness by mobilizing IL-1RA-secreting omental neutrophils. Nature communications, 16(1), 862.

Li-Harms X, et al. (2025) Somatic mtDNA mutation burden shapes metabolic plasticity in leukemogenesis. Science advances, 11(1), eads8489.

Messingham KN, et al. (2025) Multiple cell types support productive infection and dynamic translocation of infectious Ebola virus to the surface of human skin. Science advances, 11(1), eadr6140.

Lau VWC, et al. (2025) Remodelling of the immune landscape by IFN? counteracts IFN?-dependent tumour escape in mouse tumour models. Nature communications, 16(1), 2.

Lupu IE, et al. (2025) Direct specification of lymphatic endothelium from mesenchymal progenitors. Nature cardiovascular research, 4(1), 45.

Horvath M, et al. (2025) Species- and strain-specific microbial modulation of interferon, innate immunity, and epithelial barrier in 2D air-liquid interface respiratory epithelial cultures. BMC biology, 23(1), 28.

Williams KR, et al. (2025) Maternal high-fat diet programs offspring airway hyperinnervation and hyperresponsiveness. JCI insight, 10(1).

Zhang J, et al. (2025) Cpeb1 remodels cell type-specific translational program to promote fear extinction. Science advances, 11(2), eadr8687.