

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

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

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: 20260815T182335+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 16914 mentions in open access literature.

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

Jing J, et al. (2026) Recombinant tissue plasminogen activator protects neurons after intracerebral hemorrhage through activating the PI3K/AKT/mTOR pathway. Neural regeneration research, 21(4), 1574.

Kurz L, et al. (2026) A common progenitor gives rise to fibroblastic reticular cells and vascular smooth muscle cells in murine lymph nodes. The Journal of experimental medicine, 223(2).

Joshi S, et al. (2026) Somatosensory cortical progesterone receptor signaling regulates the episodic to chronic migraine transformation. Neurobiology of disease, 218, 107215.

Li R, et al. (2026) Pharmacological Microglial Inhibition Remodels the Scar Microenvironment to Support Reticulospinal Circuit Reconstruction After Spinal Cord Injury. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(1), e03966.

Pilat DJ, et al. (2026) The gain-of-function TREM2-T96K mutation increases risk for Alzheimer's disease by impairing microglial function. Neuron, 114(1), 46.

Wang B, et al. (2026) A softness zwitterionic micelles efficiently deliver inhaled nintedanib by enhancing airway mucus penetration. Science advances, 12(1), eady1030.

Mavashov A, et al. (2026) Behavioral and epileptic phenotypes in a CHD2-related developmental delay model. Epilepsia, 67(4), 2022.

Gil M, et al. (2026) A Human Model of Oligodendrocyte Development Shows MCL-1 Influences Oligodendrocyte Morphogenesis. Glia, 74(2), e70128.

Wang M, et al. (2026) Nuclear deformation acts as a mechanical switch to drive breast cancer cell migration in a confined microenvironment. Theranostics, 16(2), 898.

Somermäki R, et al. (2026) β 2-Integrins regulate dendritic cells through nuclear deformation and activation of phospholipase A2 and DNA damage-inducible GADD34. The Journal of biological chemistry, 302(2), 111093.

Spencer CG, et al. (2026) Chronic macrophage activation derails muscle repair by disrupting mannose-receptor-linked plasticity revealed by endogenous irg1/acod1 tracking.

Nature communications, 17(1), 1466.

Shen D, et al. (2026) Direct and indirect neurogenesis from radial glial progenitor cell clones in the mouse neocortex. *The EMBO journal*, 45(1), 182.

Jäger J, et al. (2026) A Sacrificial 3D Printed Vessel-on-Chip Demonstrates a Versatile Approach to Model Granulation Tissue. *Advanced healthcare materials*, 15(7), e03081.

Leana-Sandoval G, et al. (2026) The GluA1 cytoplasmic tail regulates intracellular AMPA receptor trafficking and synaptic transmission onto dentate gyrus GABAergic interneurons, gating response to novelty. *Molecular psychiatry*, 31(4), 2119.

Koh XY, et al. (2026) Spatiotemporal Crosstalk Between Oocyte and the Microenvironment Governs Preovulatory Follicle Aging. *Aging cell*, 25(1), e70302.

Mejía-Ramírez E, et al. (2026) Targeting RhoA nuclear mechanoactivity rejuvenates aged hematopoietic stem cells. *Nature aging*, 6(1), 68.

Chen P, et al. (2026) Multiscale 3D Whole Joint Cellular and Molecular Mapping Reveals Disease-Specific Neurovascular Plasticity Underlying the Structure-Pain Relationship. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(1), e11226.

Colas I, et al. (2026) The RAD51 paralogue HvXRCC2 affects meiosis and recombination in barley. *Journal of experimental botany*, 77(12), 3593.

Uddin MI, et al. (2026) Imaging Hypoxia in the Diabetic Retina: A Potential Early-Detection Imaging Biomarker Before Detectable Retinopathy in Diabetes. *Diabetes*, 75(3), 538.

Wang Q, et al. (2026) Sexually dimorphic cannabinoid 1 receptors on CaMKII α neurons in the medial prefrontal cortex mediate sex differences in ACEA-induced antinociception in mice. *Pain*, 167(3), 691.