

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, image analysis software, software application, software resource

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: 20260903T234906+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 [kravitz2](#) .

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.

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.

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-Wurtemberg, Germany)*, 13(1), e11226.

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.

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.

Thakur M, et al. (2026) DDR1 Regulates Femoral Arterial Calcification in Lower-Extremity Artery Disease Through NF-Kappa B Activation. *Acta physiologica (Oxford, England)*, 242(1), e70146.

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

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.

Selles MC, et al. (2026) Astrocytes mediate a positive feedback loop for oxytocin. *bioRxiv : the preprint server for biology*.

Sun H, et al. (2026) Chronic dental lighting disrupts blood-retinal barrier homeostasis via vascular and inflammatory pathways. *International journal of oral science*, 18(1), 11.

Zhou H, et al. (2026) Heterogeneity between VIP and GRP neurons underlies AVP receptor signaling in the mouse suprachiasmatic nucleus. *Communications biology*, 9(1).

Vladisavljevic A, et al. (2026) The three-dimensional landscape of tumor-associated macrophages in reactive and neoplastic human lymph nodes. *PLOS digital health*, 5(2), e0001227.

Jiang YQ, et al. (2026) GR/HDAC2/synaptic complexes in hippocampal CA1 mediate the antidepressant effects of magnolol. *Biomedical journal*, 49(3), 100961.

Graf J, et al. (2026) High-throughput bioprinted 3D cultures for probing host-pathogen interactions in bioinspired microenvironments. *RSC applied polymers*, 4(2), 543.

Abou Karam P, et al. (2026) Nuclear import of malaria RNA rewires splicing in host immune cells. *Cell reports*, 45(2), 116953.

Virgilio T, et al. (2026) Imaging-guided optimization of biodistribution and antitumor efficacy of L19-based immunocytokines. *Translational oncology*, 66, 102698.

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.

Bertin M, et al. (2026) Dynamic allele usage of X-linked genes ameliorates neurodevelopmental disease phenotypes in brain organoids. *Nature communications*, 17(1), 599.

Song C, et al. (2026) Electrical stimulation of the vagus nerve improves amyloid pathology in delirium superimposed on dementia. *Bioelectronic medicine*, 12(1), 2.