

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: 20260731T042740+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 15762 mentions in open access literature.

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

Horschitz S, et al. (2026) Development of a fully human glioblastoma-in-brain-spheroid model for accelerated translational research. *Journal of advanced research*, 79, 363.

Popek M, et al. (2026) Astrocytic TCF7L2 Impacts Brain Osmoregulation and Restricts Neuronal Excitability. *Glia*, 74(2), e70103.

Wu Y, et al. (2026) Mertk promotes early microglial-mediated synaptic engulfment in Alzheimer's disease. *Theranostics*, 16(3), 1238.

Teng CS, et al. (2026) Actomyosin contractility and a threshold of cadherin cell adhesion are required during tissue fusion. *The Journal of cell biology*, 225(1).

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.

Kalimuthu B, et al. (2026) Increased expression of ATase1/NAT8B or ATase2/NAT8 in the mouse results in an autistic-like phenotype with altered dendritic branching and spine formation. *Molecular psychiatry*, 31(1), 1.

Yamada S, et al. (2026) Long-Term Biobanked Dental Pulp Stem Cells Retain Angiogenic Potential for Vascularised Tissue Engineering-Laboratory Investigation. *International endodontic journal*, 59(1), 105.

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.

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.

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.

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.

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

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).

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.

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

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

Dong YP, et al. (2026) GluN2A-NMDA receptor inhibition disinhibits the prefrontal cortex, reduces forced swim immobility, and impairs sensorimotor gating. *Acta pharmacologica Sinica*, 47(1), 53.

Wang Z, et al. (2026) Point spread function decoupling in computational fluorescence microscopy. *Light, science & applications*, 15(1), 26.

Li Y, et al. (2026) Stage- and tissue-specific gene editing using 4-OHT-inducible Cas9 in whole organism. *The Journal of cell biology*, 225(4).

Li Y, et al. (2026) Elevated CHI3L1 as a Potential Biomarker of Cognitive Dysfunction in Anti-NMDAR Encephalitis: Evidence From Clinical Results and Mice Model. *CNS neuroscience & therapeutics*, 32(1), e70739.