

Resource Summary Report

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Drishti

RRID:SCR_017999

Type: Tool

Proper Citation

Drishti (RRID:SCR_017999)

Resource Information

URL: <https://github.com/nci/drishti>

Proper Citation: Drishti (RRID:SCR_017999)

Description: Open source scientific visualisation software. Multi platform, volume exploration and presentation software. Used for visualising volumetric data, such as tomography data, electron microscopy data, etc.

Resource Type: software resource, data visualization software, data processing software, software application

Keywords: Visualization, volumetric data, tomography, electron microscopy, data

Availability: Free, Available for download, Freely available

Resource Name: Drishti

Resource ID: SCR_017999

License: MIT License

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260803T040744+0000

Ratings and Alerts

No rating or validation information has been found for Drishti.

No alerts have been found for Drishti.

Data and Source Information

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Strauß J, et al. (2026) The Mechanosensory Subgenual Organ Complex in the Stick Insect *Bacillus rossius* (Phasmatodea): Neuroanatomy and Functional Morphology. *The Journal of comparative neurology*, 534(1), e70126.

Zhu H, et al. (2025) Common cis-regulatory variation modifies the penetrance of pathogenic SHROOM3 variants in craniofacial microsomia. *Genome research*, 35(5), 1065.

Bennett C, et al. (2025) Map of spiking activity underlying change detection in the mouse visual system. *bioRxiv : the preprint server for biology*.

Pröts P, et al. (2025) Pharynx associated musculature in the Stilbonematinae (Desmodoroidea, Nematoda) with focus on the spiral muscle as a synapomorphic trait between *Dorylaimia* and *Chromadoria*. *Organisms, diversity & evolution*, 25(3-4), 469.

Troyer EM, et al. (2025) Macroevolutionary role reversals in the earliest radiation of bony fishes. *Current biology : CB*.

Oberst S, et al. (2024) Feature-preserving synthesis of termite-mimetic spinodal nest morphology. *iScience*, 27(1), 108674.

Klar RM, et al. (2024) The 3D-McMap Guidelines: Three-Dimensional Multicomposite Microsphere Adaptive Printing. *Biomimetics (Basel, Switzerland)*, 9(2).

Kuroda S, et al. (2024) Multiple embryonic sources converge to form the pectoral girdle skeleton in zebrafish. *Nature communications*, 15(1), 6313.

Kim AS, et al. (2024) Temporal patterns of osteoclast formation and activity following withdrawal of RANKL inhibition. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*, 39(4), 484.

Pröts P, et al. (2024) A novel three-part pharynx and its parallel evolution within symbiotic marine nematodes (Desmodoroidea, Stilbonematinae). *Organisms, diversity & evolution*, 24(3), 353.

Waugh KA, et al. (2023) Triplication of the interferon receptor locus contributes to hallmarks of Down syndrome in a mouse model. *Nature genetics*, 55(6), 1034.

Youlten SE, et al. (2021) Osteocyte transcriptome mapping identifies a molecular landscape controlling skeletal homeostasis and susceptibility to skeletal disease. *Nature communications*, 12(1), 2444.

Schmidt M, et al. (2021) Intraspecific variation in the Cambrian: new observations on the morphology of the Chengjiang euarthropod *Sinoburius lunaris*. *BMC ecology and evolution*, 21(1), 127.

Spencer KL, et al. (2021) A structure-function based approach to floc hierarchy and evidence for the non-fractal nature of natural sediment flocs. *Scientific reports*, 11(1), 14012.

McDonald MM, et al. (2021) Osteoclasts recycle via osteomorphs during RANKL-stimulated bone resorption. *Cell*, 184(5), 1330.

Yoshitake S, et al. (2020) Visualization and quantification of the atrioventricular conduction axis in hearts with ventricular septal defect using phase contrast computed tomography. *The Journal of thoracic and cardiovascular surgery*, 160(2), 490.

Hu Y, et al. (2020) Three-dimensional segmentation of computed tomography data using Drishti Paint: new tools and developments. *Royal Society open science*, 7(12), 201033.

Cortese M, et al. (2020) Integrative Imaging Reveals SARS-CoV-2-Induced Reshaping of Subcellular Morphologies. *Cell host & microbe*, 28(6), 853.

Buser TJ, et al. (2020) The Natural Historian's Guide to the CT Galaxy: Step-by-Step Instructions for Preparing and Analyzing Computed Tomographic (CT) Data Using Cross-Platform, Open Access Software. *Integrative organismal biology* (Oxford, England), 2(1), obaa009.