Resource Summary Report

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Center for Bio-Image Informatics: bioView3D

RRID:SCR_008005
Type: Tool

Proper Citation

Center for Bio-Image Informatics: bioView3D (RRID:SCR_008005)

Resource Information

URL: http://www.bioimage.ucsb.edu/BioView3D

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Description: bioView3D is an open source and cross-platform application intended for biologists to visualize 3D stack (laser scanning confocal, etc.) imagery. It runs on Windows, MacOS X and Linux. Features include: - Cross-platform with binaries for Windows, Mac, Linux - Reads many bio image and video formats - Reads meta-data from BioRad PIC, TIFF, Metamorph STK (uncompressed and LZW compressed), Fluoview TIFF, Carl Zeiss LSM 5, PSIA TIFF, Nanoscope II/III - Has two modes of rendering: textures and voxels - On-the-fly 3D visualization (mapping/enhancement) of multi-channel data - Export of fly-over video to several popular formats: QuickTime, WMV, AVI, Flash, MPEG1/2/4 - Visualization of graphical annotations: XML GObjects Sponsors: This work is supported in part by an NSF infrastructure award No. EIA-0080134 and IIS-0808772.

Synonyms: bioView3D

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

Keywords: 3d stack, bio image, biologist, laser scanning confocal, meta-data, nanoscope, open source license, video, visualization

Funding:

Resource Name: Center for Bio-Image Informatics: bioView3D

Resource ID: SCR_008005

Alternate IDs: nif-0000-10524

Record Creation Time: 20220129T080244+0000

Record Last Update: 20250519T203524+0000

Ratings and Alerts

No rating or validation information has been found for Center for Bio-Image Informatics: bioView3D.

No alerts have been found for Center for Bio-Image Informatics: bioView3D.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Ivanova E, et al. (2016) Disruption in dopaminergic innervation during photoreceptor degeneration. The Journal of comparative neurology, 524(6), 1208.