

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

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

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: 20260905T132616+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 [Kravitz](#) .

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