ITK-SNAP
RRID:SCR_002010
Type: Tool

Proper Citation

ITK-SNAP (RRID:SCR_002010)

Resource Information

URL: http://www.nitrc.org/projects/itk-snap/

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Description: Open source interactive software application for three dimensional medical images, manual delineation of anatomical regions of interest, and performing automatic image segmentation. Used for delineating anatomical structures and regions in MRI, CT and other 3D biomedical imaging data.

Resource Type: Resource, segmentation software, image analysis software, data processing software, software resource, software application

Keywords: medical, image, segmentation, delineating, anatomical, structure, region, MRI, CT, 3D image, data

Parent Organization: University of Pennsylvania; Philadelphia; Pennsylvania

Funding Agency: NIBIB

Related resources: neurodebian, AHEAD, LiverSegm, Waxholm Space Atlas of the Sprague Dawley Rat Brain

Availability: Free, Available for download, Freely available

Website Status: Last checked up

Resource Name: ITK-SNAP

Resource ID: SCR_002010
Alternate IDs: nif-0000-00317

Ratings and Alerts

No rating or validation information has been found for ITK-SNAP.
No alerts have been found for ITK-SNAP.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 982 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


Patkar OL, et al. (2021) Analysis of homozygous and heterozygous Csf1r knockout in the rat as a model for understanding microglial function in brain development and the impacts of human CSF1R mutations. Neurobiology of disease, 151, 105268.


Ninomiya K, et al. (2021) Robust radiogenomics approach to the identification of EGFR mutations among patients with NSCLC from three different countries using topologically invariant Betti numbers. PloS one, 16(1), e0244354.


