Resource Summary Report

Generated by NIF on May 24, 2025

TurtleSeg

RRID:SCR_002605
Type: Tool

Proper Citation

TurtleSeg (RRID:SCR_002605)

Resource Information

URL: http://www.turtleseg.org

Proper Citation: TurtleSeg (RRID:SCR_002605)

Description: An interactive segmentation tool originally designed for 3D medical images. Accurate and automatic 3D medical image segmentation remains an elusive goal and manual intervention is often unavoidable. TurtleSeg implements techniques that allow the user to provide intuitive yet minimal interaction for guiding the 3D segmentation process.

Abbreviations: TurtleSeg

Synonyms: TurtleSeg - Interactive 3D Image Segmentation Software

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

Keywords: analyze, c++, computed tomography, dicom, intensity contour, microsoft, minc, magnetic resonance, nifti, segmentation, win32 (ms windows), windows, windows nt/2000, windows vista, windows xp

Funding:

Availability: TurtleSeg License, Http://www.nitrc.org/include/glossary.php#594

Resource Name: TurtleSeg

Resource ID: SCR_002605

Alternate IDs: nlx_156008

Alternate URLs: http://www.nitrc.org/projects/turtleseg

Record Creation Time: 20220129T080214+0000

Record Last Update: 20250524T055859+0000

Ratings and Alerts

No rating or validation information has been found for TurtleSeg.

No alerts have been found for TurtleSeg.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Lerch S, et al. (2021) Estimation of dairy goat body composition: A direct calibration and comparison of eight methods. Methods (San Diego, Calif.), 186, 68.

Li Y, et al. (2018) Automatic Global Level Set Approach for Lumbar Vertebrae CT Image Segmentation. BioMed research international, 2018, 6319879.

Allalou A, et al. (2017) Automated deep-phenotyping of the vertebrate brain. eLife, 6.

Lindgren Belal S, et al. (2017) 3D skeletal uptake of 18F sodium fluoride in PET/CT images is associated with overall survival in patients with prostate cancer. EJNMMI research, 7(1), 15.

Richard JC, et al. (2014) Reliability of the nitrogen washin-washout technique to assess end-expiratory lung volume at variable PEEP and tidal volumes. Intensive care medicine experimental, 2(1), 10.

Zhu D, et al. (2014) Changes of functional connectivity in the left frontoparietal network following aphasic stroke. Frontiers in behavioral neuroscience, 8, 167.