Resource Summary Report

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NIH-CIDI Lung Segmentation Tool

RRID:SCR_014150
Type: Tool

Proper Citation

NIH-CIDI Lung Segmentation Tool (RRID:SCR_014150)

Resource Information

URL: http://www.nitrc.org/projects/nihlungseg/

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Description: A segmentation tool for the segmentation of a lung from CT images. The sofware can be run in two modes: fully automatic and semi-automatic with manual seeding by the user. The software also allows the user to perform basic filtering operations and manual correction to the segmentation. The VTK-based rendering implementation, along with option to view in axial, coronal, and sagittal, provides the user with better visualization of the segmented lung.

Synonyms: CIDI-lung-seg, CIDI Lung Seg

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

Defining Citation: PMID:25570151

Keywords: segmentation software, lung, ct image, visualization

Funding:

Availability: Open source

Resource Name: NIH-CIDI Lung Segmentation Tool

Resource ID: SCR_014150

License: GNU General Public License

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Ratings and Alerts

No rating or validation information has been found for NIH-CIDI Lung Segmentation Tool.

No alerts have been found for NIH-CIDI Lung Segmentation Tool.

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 NIF.

Gordaliza PM, et al. (2018) Unsupervised CT Lung Image Segmentation of a Mycobacterium Tuberculosis Infection Model. Scientific reports, 8(1), 9802.