Resource Summary Report

Generated by NIF on May 4, 2025

TumorSim

RRID:SCR_002604
Type: Tool

Proper Citation

TumorSim (RRID:SCR_002604)

Resource Information

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

Proper Citation: TumorSim (RRID:SCR_002604)

Description: Simulation software that generates pathological ground truth from a healthy ground truth. The software requires an input directory that describes a healthy anatomy (anatomical probabilities, mesh, diffusion tensor image, etc) and then outputs simulation images.

Resource Type: simulation software, software resource, software application

Defining Citation: PMID:19119055

Keywords: clinical neuroinformatics, magnetic resonance, mri, brain, segmentation, simulation, tumor, ground truth

Related Condition: Cancer

Funding: NIBIB R01 EB000219

Availability: Free, Available for download

Resource Name: TumorSim

Resource ID: SCR_002604

Alternate IDs: nlx_156007

Record Creation Time: 20220129T080214+0000

Record Last Update: 20250503T055521+0000

Ratings and Alerts

No rating or validation information has been found for TumorSim.

No alerts have been found for TumorSim.

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.

Bousselham A, et al. (2019) Towards Reinforced Brain Tumor Segmentation on MRI Images Based on Temperature Changes on Pathologic Area. International journal of biomedical imaging, 2019, 1758948.