Resource Summary Report

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Diffusing Tensor Imaging in Java

RRID:SCR_001140
Type: Tool

Proper Citation

Diffusing Tensor Imaging in Java (RRID:SCR_001140)

Resource Information

URL: https://sites.duke.edu/dblab/jdti/

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Description: Software tool used to analyze diffusion tensor imaging. It produces three different diffusion-related images: the apparent diffusion coefficient map, a measurement of the general tendency of water protons to diffuse in the underlying voxel; the fractional anisotropy map, a measurement of whether water proton diffusion is equal in all directions or whether diffusion proceeds preferentially in certain directions; and directional map, a color map of the primary direction of diffusion.

Abbreviations: JDTI

Synonyms: Java Diffusion Tensor Imaging, Diffusion Tensor Imaging, Diffusing Tensor Imaging in Java (JDTI)

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

Keywords: dti, diffusion tensor imaging, java, imagej, plug in, image analysis, software

Funding:

Availability: Available for academic and commercial institutions, Available for download upon request via email

Resource Name: Diffusing Tensor Imaging in Java

Resource ID: SCR_001140

Alternate IDs: nif-0000-00320

Record Creation Time: 20220129T080205+0000

Record Last Update: 20250417T065038+0000

Ratings and Alerts

No rating or validation information has been found for Diffusing Tensor Imaging in Java.

No alerts have been found for Diffusing Tensor Imaging in Java.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.