

Resource Summary Report

Generated by T1D on Aug 2, 2026

DTI denoising

RRID:SCR_014102

Type: Tool

Proper Citation

DTI denoising (RRID:SCR_014102)

Resource Information

URL: <http://www.nitrc.org/projects/dti-denoising/>

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Description: A Matlab package which contains six denoising filters and a noise estimation method for 4D DWI. The package includes nonlocal means, local PCA and Oracle DCT methods. Based on image redundancy and/or sparsity, the proposed filters provide efficient denoising while preserving fine structures.

Synonyms: DWIdenoisingPackage, DWI Denoising Package

Resource Type: software resource, software toolkit

Keywords: software toolkit, matlab package, denoise, filter, dwi, image redundancy, imager sparsity

Availability: Free for non-commercial use

Resource Name: DTI denoising

Resource ID: SCR_014102

Record Creation Time: 20220129T080319+0000

Record Last Update: 20260801T191105+0000

Ratings and Alerts

No rating or validation information has been found for DTI denoising.

No alerts have been found for DTI denoising.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.