# **Resource Summary Report**

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# **DTI** denoising

RRID:SCR\_014102

Type: Tool

## **Proper Citation**

DTI denoising (RRID:SCR\_014102)

#### Resource Information

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

**Proper Citation:** DTI denoising (RRID:SCR\_014102)

**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

**Funding:** 

Availability: Free for non-commercial use

Resource Name: DTI denoising

Resource ID: SCR\_014102

**Record Creation Time: 20220129T080319+0000** 

Record Last Update: 20250422T055752+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.