

# 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 toolkit, software resource

**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:** 20260803T040642+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](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.