Resource Summary Report

Generated by NIF on May 8, 2025

Fast T2 relaxation data analysis with stimulated echo correction and non-local spatial regularisation

RRID:SCR_014108
Type: Tool

Proper Citation

Fast T2 relaxation data analysis with stimulated echo correction and non-local spatial regularisation (RRID:SCR_014108)

Resource Information

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

Proper Citation: Fast T2 relaxation data analysis with stimulated echo correction and non-local spatial regularisation (RRID:SCR_014108)

Description: A tool which offers a fast algorithm for computing myelin maps from multiecho T2 relaxation data using parallel computation with multicore CPUs and graphics processing units (GPUs). The tool also provides non-local spatial regularization to produce more accurate and reliable myelin maps for noisy T2 relaxation data.

Resource Type: software application, data visualization software, data processing software, software resource

Keywords: data visualization software, myelin map, t2 data, parallel computation

Funding: MS/MRI Research Group at the University of British Columbia ;
Natural Sciences and Engineering Research Council of Canada ;
Milan and Maureen Ilich Foundation

Availability: Available for download

Resource Name: Fast T2 relaxation data analysis with stimulated echo correction and non-local spatial regularisation

Resource ID: SCR_014108

License: GNU General Public License

Record Creation Time: 20220129T080319+0000

Record Last Update: 20250508T065504+0000

Ratings and Alerts

No rating or validation information has been found for Fast T2 relaxation data analysis with stimulated echo correction and non-local spatial regularisation.

No alerts have been found for Fast T2 relaxation data analysis with stimulated echo correction and non-local spatial regularisation.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.