Resource Summary Report

Generated by NIF on Apr 18, 2025

MASIMatlab

RRID:SCR_009506
Type: Tool

Proper Citation

MASIMatlab (RRID:SCR_009506)

Resource Information

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

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Description: This repository stores and provides opportunities for collaboration through Matlab code, libraries, and configuration information for projects in early stage development. The MASI research laboratory concentrates on analyzing large-scale cross-sectional and longitudinal neuroimaging data. Specifically, they are interested in population characterization with magnetic resonance imaging (MRI), multi-parametric studies (DTI, sMRI, qMRI), and shape modeling.

Abbreviations: MASIMatlab

Resource Type: software resource

Keywords: magnetic resonance, matlab, population characterization, mri, dti, smri, qmri, shape modeling

Funding:

Resource Name: MASIMatlab

Resource ID: SCR_009506

Alternate IDs: nlx_155655

Record Creation Time: 20220129T080253+0000

Record Last Update: 20250410T065838+0000

Ratings and Alerts

No rating or validation information has been found for MASIMatlab.

No alerts have been found for MASIMatlab.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Harrigan RL, et al. (2017) Quantitative characterization of optic nerve atrophy in patients with multiple sclerosis. Multiple sclerosis journal - experimental, translational and clinical, 3(3), 2055217317730097.

Harrigan RL, et al. (2016) Vanderbilt University Institute of Imaging Science Center for Computational Imaging XNAT: A multimodal data archive and processing environment. NeuroImage, 124(Pt B), 1097.

Li K, et al. (2015) A multimodal MRI dataset of professional chess players. Scientific data, 2, 150044.

Lauzon CB, et al. (2013) Simultaneous analysis and quality assurance for diffusion tensor imaging. PloS one, 8(4), e61737.