Resource Summary Report

Generated by NIF on May 21, 2025

Anima scripts

RRID:SCR_017072
Type: Tool

Proper Citation

Anima scripts (RRID:SCR_017072)

Resource Information

URL: https://github.com/Inria-Visages/Anima-Scripts-Public

Proper Citation: Anima scripts (RRID:SCR_017072)

Description: Open source scripts for medical image processing. Provides set of scripts in Python shell. These scripts use essentially tools from Anima to perform more complex series like image preprocessing, model estimation, atlas creation.

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

Keywords: medical, image, processing, analysis, registration, atlas, diffusion, MRI

Funding:

Availability: Free, Available for download, Freely available

Resource Name: Anima scripts

Resource ID: SCR_017072

Alternate URLs: https://anima.irisa.fr

License: AGPL v3

Record Creation Time: 20220129T080333+0000

Record Last Update: 20250521T061658+0000

Ratings and Alerts

No rating or validation information has been found for Anima scripts.

No alerts have been found for Anima scripts.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Sarica B, et al. (2022) New MS lesion segmentation with deep residual attention gate U-Net utilizing 2D slices of 3D MR images. Frontiers in neuroscience, 16, 912000.

Basaran BD, et al. (2022) New lesion segmentation for multiple sclerosis brain images with imaging and lesion-aware augmentation. Frontiers in neuroscience, 16, 1007453.

Dubois M, et al. (2021) Multiparametric Analysis of Cerebral Development in Preterm Infants Using Magnetic Resonance Imaging. Frontiers in neuroscience, 15, 658002.

Commowick O, et al. (2021) Multiple sclerosis lesions segmentation from multiple experts: The MICCAI 2016 challenge dataset. NeuroImage, 244, 118589.

Legouhy A, et al. (2020) Regional brain development analysis through registration using anisotropic similarity, a constrained affine transformation. PloS one, 15(2), e0214174.

Combès B, et al. (2019) Focal and diffuse cervical spinal cord damage in patients with early relapsing-remitting MS: A multicentre magnetisation transfer ratio study. Multiple sclerosis (Houndmills, Basingstoke, England), 25(8), 1113.

Coloigner J, et al. (2019) White matter abnormalities in depression: A categorical and phenotypic diffusion MRI study. NeuroImage. Clinical, 22, 101710.

Proisy M, et al. (2019) Changes in brain perfusion in successive arterial spin labeling MRI scans in neonates with hypoxic-ischemic encephalopathy. NeuroImage. Clinical, 24, 101939.

Commowick O, et al. (2018) Objective Evaluation of Multiple Sclerosis Lesion Segmentation using a Data Management and Processing Infrastructure. Scientific reports, 8(1), 13650.

Glatard T, et al. (2018) Boutiques: a flexible framework to integrate command-line applications in computing platforms. GigaScience, 7(5).

Hadj-Hamou M, et al. (2016) Longitudinal Analysis of Image Time Series with Diffeomorphic Deformations: A Computational Framework Based on Stationary Velocity Fields. Frontiers in neuroscience, 10, 236.