Resource Summary Report

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MGA - Multimodal Glioma Analysis

RRID:SCR_014122
Type: Tool

Proper Citation

MGA - Multimodal Glioma Analysis (RRID:SCR_014122)

Resource Information

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

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Description: An MRI preprocessing pipeline built with HOF (Heterogeneous Optimization Framework) methodology. MGA prepares neuro-oncology clinical imaging studies for scientific analysis in both longitudinal and cross-sectional studies. It works on DICOM images from a single MRI study and includes perfusion (DSC sequence based) analysis and DTI analysis. MGA spatially co-registers all study images to an atlas template and to a template image within the study.

Abbreviations: MGA

Synonyms: Multimodal Glioma Analysis

Resource Type: standalone software, data processing software, workflow software, software application, software resource, image analysis software

Keywords: image analysis, workflow software, standalone, pipeline, mri, heterogeneous optimization framework, clinical image study, image

Funding:

Availability: Available to the research community

Resource Name: MGA - Multimodal Glioma Analysis

Resource ID: SCR_014122

License: BSD License

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Ratings and Alerts

No rating or validation information has been found for MGA - Multimodal Glioma Analysis.

No alerts have been found for MGA - Multimodal Glioma Analysis.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Milchenko M, et al. (2016) Heterogeneous Optimization Framework: Reproducible Preprocessing of Multi-Spectral Clinical MRI for Neuro-Oncology Imaging Research. Neuroinformatics, 14(3), 305.