

# Resource Summary Report

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## MGA - Multimodal Glioma Analysis

RRID:SCR\_014122

Type: Tool

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### Proper Citation

MGA - Multimodal Glioma Analysis (RRID:SCR\_014122)

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### Resource Information

**URL:** <http://www.nitrc.org/projects/hof/>

**Proper Citation:** MGA - Multimodal Glioma Analysis (RRID:SCR\_014122)

**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:** data processing software, standalone software, software resource, software application, workflow software, image analysis software

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

**Availability:** Available to the research community

**Resource Name:** MGA - Multimodal Glioma Analysis

**Resource ID:** SCR\_014122

**License:** BSD License

**Record Creation Time:** 20220129T080319+0000

**Record Last Update:** 20260805T044320+0000

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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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

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