

# Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

## MRlcroS

RRID:SCR\_014142

Type: Tool

### Proper Citation

MRlcroS (RRID:SCR\_014142)

### Resource Information

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

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**Description:** A Matlab-based tool for computational neuroscience-based analysis and data visualization. Its features include: surface mesh visualization in PLY, PIAL, NV, STL, VTK, and GIFTI formats; conversion of NIfTI voxel images to surface meshes and saving as PLY or VTK; track (TRK files) visualization; connectome data (BrainNet Viewer .node and .edge files) visualization; intuitive GUI; that availability of all functions available in the GUI through scripting (automated scripts can be created); and exporting of rendered image as bitmap.

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

**Keywords:** data visualization software, data analysis software, surface mesh visualization, matlab

**Availability:** Available to the research community

**Resource Name:** MRlcroS

**Resource ID:** SCR\_014142

**License:** BSD License

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

**Record Last Update:** 20260905T133005+0000

### Ratings and Alerts

No rating or validation information has been found for MRlcroS.

No alerts have been found for MRicroS.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Jin L, et al. (2026) The onco-functional reorganization of language network underlying metaplasticity induced by gliomas. *Frontiers in oncology*, 16, 1850713.

Chacko A, et al. (2023) Fidelity of 3D Printed Brains from MRI Scan in Children with Pathology (Prior Hypoxic Ischemic Injury). *Journal of digital imaging*, 36(1), 17.

Macey PM, et al. (2018) Sex-specific hippocampus volume changes in obstructive sleep apnea. *NeuroImage. Clinical*, 20, 305.