

Resource Summary Report

Generated by PRECISE-TBI on Sep 7, 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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

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.