

Resource Summary Report

Generated by NIF on May 19, 2025

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: software application, data visualization software, data analysis software, data processing software, software resource

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

Funding:

Availability: Available to the research community

Resource Name: MRlcroS

Resource ID: SCR_014142

License: BSD License

Record Creation Time: 20220129T080319+0000

Record Last Update: 20250517T060125+0000

Ratings and Alerts

No rating or validation information has been found for MRlcroS.

No alerts have been found for MRlcroS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.