Resource Summary Report

Generated by RRID on Apr 11, 2025

MRIcroS

RRID:SCR_014142
Type: Tool

Proper Citation

MRIcroS (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 processing software, software application, software resource, data analysis software, data visualization software

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

Funding:

Availability: Available to the research community

Resource Name: MRIcroS

Resource ID: SCR_014142

License: BSD License

Record Creation Time: 20220129T080319+0000

Record Last Update: 20250411T055647+0000

Ratings and Alerts

No rating or validation information has been found for MRIcroS.

No alerts have been found for MRIcroS.

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 RRID.

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.