Resource Summary Report

Generated by NIF on Apr 21, 2025

MRIcron

RRID:SCR_002403
Type: Tool

Proper Citation

MRIcron (RRID:SCR_002403)

Resource Information

URL: http://www.mricro.com

Proper Citation: MRIcron (RRID:SCR_002403)

Description: Software tool as a cross-platform NIfTI format image viewer. Used for viewing and exporting of brain images. MRIcroGL is a variant of MRIcron.

Abbreviations: MRIcron

Synonyms: mricron - magnetic resonance image conversion viewing and analysis

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

Defining Citation: PMID:17583985, PMID:11568431

Keywords: NIfTI, format, image, viewer, exporting, brain, image, processing, data, bio.tools

Funding:

Availability: BSD License

Resource Name: MRIcron

Resource ID: SCR_002403

Alternate IDs: biotools:MRIcron, nif-0000-00122

Alternate URLs: https://sources.debian.org/src/mricron/, http://www.mccauslandcenter.sc.edu/mricro/, http://www.nitrc.org/projects/mricron, http://neuro.debian.net/pkgs/mricron.html, https://bio.tools/MRIcron

Record Creation Time: 20220129T080213+0000

Record Last Update: 20250421T053324+0000

Ratings and Alerts

No rating or validation information has been found for MRIcron.

No alerts have been found for MRIcron.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2043 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Salvato G, et al. (2025) The contribution of cutaneous thermal signals to bodily self-awareness. Nature communications, 16(1), 569.

Qiu C, et al. (2025) Enhanced Benefit of STA-MCA Bypass Surgery in Chronic Terminal Internal Carotid and/or Middle Cerebral Artery Occlusion Patients With Impaired Collateral Circulation: Introducing a Novel Assessment Approach for Collateral Compensation. Emergency medicine international, 2025, 5059097.

Sperber C, et al. (2025) The challenge of long-term stroke outcome prediction and how statistical correlates do not imply predictive value. Brain communications, 7(1), fcaf003.

Perlova K, et al. (2025) The role of the left primary motor cortex in apraxia. Neurological research and practice, 7(1), 2.

Bao R, et al. (2025) BOston Neonatal Brain Injury Data for Hypoxic Ischemic Encephalopathy (BONBID-HIE): I. MRI and Lesion Labeling. Scientific data, 12(1), 53.

Chen Y, et al. (2025) Association between iron content in grey matter nuclei and functional outcome in patients with acute ischaemic stroke: A quantitative susceptibility mapping study. European journal of neurology, 32(1), e16531.

Drobot PK, et al. (2025) Semiautomatic volumetry of the temporal lobes of the brain and

correlation with electroencephalography results in dogs with assumed idiopathic epilepsy. Journal of veterinary internal medicine, 39(1), e17237.

Vidal JPC, et al. (2025) Factors behind poor cognitive outcome following a thalamic stroke. Journal of neurology, 272(1), 98.

Arima Y, et al. (2025) Eye Movements during Measurements of Visual Vertical in the Poststroke Subacute Phase. eNeuro, 12(1).

Hagen J, et al. (2025) Phenomena of hypo- and hyperconnectivity in basal ganglia-thalamo-cortical circuits linked to major depression: a 7T fMRI study. Molecular psychiatry, 30(1), 158.

Yang Y, et al. (2025) Structural and functional alterations in the brain gray matter among Tourette syndrome patients: a multimodal meta-analysis of fMRI and VBM studies. Journal of neurology, 272(2), 133.

Kim HS, et al. (2025) Dorsolateral pontine lesions produce distinct ocular motor abnormalities with anatomical correlations. European journal of neurology, 32(1), e70010.

Hu X, et al. (2025) Predictors and lesion patterns of dysphagia and swallowing outcomes after acute intracerebral hemorrhage. Therapeutic advances in neurological disorders, 18, 17562864241311130.

Vadinova V, et al. (2025) Early subacute frontal callosal microstructure and language outcomes after stroke. Brain communications, 7(1), fcae370.

Gomes-Ribeiro J, et al. (2024) Mapping functional traces of opioid memories in the rat brain. Brain communications, 6(5), fcae281.

Knobloch S, et al. (2024) Empathy in schizophrenia: neural alterations during emotion recognition and affective sharing. Frontiers in psychiatry, 15, 1288028.

Möhring L, et al. (2024) Protocol for predicting multivariate change of brain patterns using model-informed fMRI activations. STAR protocols, 5(2), 102978.

Nie H, et al. (2024) Altered neural representation of olfactory food reward in the nucleus accumbens after acute stress. Journal of affective disorders, 354, 239.

Coolen T, et al. (2024) Spectrotemporal cortical dynamics and semantic control during sentence completion. Clinical neurophysiology : official journal of the International Federation of Clinical Neurophysiology, 163, 90.

Luo J, et al. (2024) High-frequency repetitive transcranial magnetic stimulation promotes neural stem cell proliferation after ischemic stroke. Neural regeneration research, 19(8), 1772.