Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

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

Defining Citation: PMID:17583985, PMID:11568431

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

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: 20260731T042632+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 2194 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Liu B, et al. (2025) Object knowledge representation in the human visual cortex requires a connection with the language system. PLoS biology, 23(5), e3003161.

Bansal S, et al. (2025) Biophysically constrained dynamical modelling of the brain using multimodal magnetic resonance imaging. Brain research bulletin, 231, 111541.

Tao R, et al. (2025) Suprasegmental aspects of phonetic feature representation in human cortex: An fMRI investigation of Cantonese lexical tones. Brain and language, 274, 105702.

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.

Yoon E, et al. (2025) Center frequency as optimal frequency of visual stimulation for spreading entrained gamma rhythms to other target brain regions in cognitively normal older adults. GeroScience, 47(3), 4451.

Zapparoli L, et al. (2025) The hidden side of body integrity dysphoria: aberrant limbic responses to dynamic touch. Brain communications, 7(3), fcaf209.

Martínez-Molina N, et al. (2025) Functional neuroplasticity in chronic post-stroke aphasia following a singing intervention in a cross-over randomised trial. Scientific reports, 15(1), 27639.

Namgung E, et al. (2025) Deep learning to identify stroke within 4.5 h using DWI and FLAIR in a prospective multicenter study. Scientific reports, 15(1), 26262.

Bunker LD, et al. (2025) Discourse Measures From the Modern Cookie Theft Picture Description Are Sensitive to Mild Communication Deficits Not Captured by the Western Aphasia Battery-Revised Aphasia Quotient. American journal of speech-language pathology, 34(3), 1100.

Chang T, et al. (2025) Glioma-induced neural functional remodeling in the hand motor cortex: precise mapping with ECoG grids during awake craniotomy. International journal of surgery (London, England), 111(4), 2849.

Zhu Y, et al. (2025) Nerve Diameter and DTI Parameters Maybe Potential Markers for Clinical Trial in Patients With Charcot-Marie-Tooth Disease Type 1A. European journal of neurology, 32(6), e70220.

Wang R, et al. (2025) Brain Microstructural Alterations in Children Post-COVID-19 Infection Through VBM, SBM, and Structural Covariance Network Analysis. Brain and behavior, 15(9), e70905.

Zhou H, et al. (2025) The abnormal audiovisual conflict in Parkinson's disease patients is manifested in perception rather than response. Scientific reports, 15(1), 12961.

Dorchies F, et al. (2025) Mechanisms of Verbal Fluency Impairment in Stroke: Insights From "Strategic Indices" Derived From a Study of 337 Patients. The European journal of neuroscience, 61(5), e70022.

Antonioni A, et al. (2025) Time perception in cerebellar and basal ganglia stroke patients. Scientific reports, 15(1), 4948.

Damiano R, et al. (2025) The impact of uncertainty estimation on radiomic segmentation reproducibility and scan-rescan repeatability in kidney MRI. Medical physics, 52(7), e17995.

Liu J, et al. (2025) Prediction of Motor Recovery after Subacute Cerebral Infarction: Role of Corticocerebellar Pathway Integrity. Neurorehabilitation and neural repair, 39(9), 765.

Röhrig L, et al. (2025) Predicting individual long-term prognosis of spatial neglect based on acute stroke patient data. Brain communications, 7(1), fcaf047.