

Resource Summary Report

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MRlcron

RRID:SCR_002403

Type: Tool

Proper Citation

MRlcron (RRID:SCR_002403)

Resource Information

URL: <http://www.mricro.com>

Proper Citation: MRlcron (RRID:SCR_002403)

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

Abbreviations: MRlcron

Synonyms: mricron - magnetic resonance image conversion viewing and analysis

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

Defining Citation: [PMID:17583985](#), [PMID:11568431](#)

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

Availability: BSD License

Resource Name: MRlcron

Resource ID: SCR_002403

Alternate IDs: biotools:MRlcron, 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/MRlcron>

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260829T182755+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 2312 mentions in open access literature.

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

Yakovlev A, et al. (2026) Dynamics of Glutamate and Glutamine Assessed Using MRS in Response to a Short Heat Pain Stimulation. NMR in biomedicine, 39(4), e70273.

Wolfe T, et al. (2026) Population-Level Age Effects on the White Matter Structure Subserving Cognitive Flexibility in the Human Brain. eNeuro, 13(2).

Hou Z, et al. (2026) Impact of extent of surgical resection on survival in World Health Organization grade 4 gliomas: A molecular subtype-based analysis. Neuro-oncology advances, 8(1), vda204.

Ren J, et al. (2026) Parkinson's disease as a somato-cognitive action network disorder. Nature, 651(8107), 1030.

Saljoughi S, et al. (2026) The developmental trajectory of the social brain: A movie-based exploration from childhood to adolescence. Developmental cognitive neuroscience, 79, 101710.

Qin R, et al. (2026) Transcriptomic signatures of gray matter volume loss in cerebral small vessel disease. BMC neurology, 26(1).

Chu M, et al. (2026) Free water changes and their correlations with multimodal biomarkers in frontotemporal dementia. Alzheimer's & dementia : the journal of the Alzheimer's Association, 22(3), e71305.

Hua J, et al. (2026) Structural-functional connectivity coupling in motor-brain networks following acute ischemic stroke. Journal of neuroengineering and rehabilitation, 23(1).

Guan Z, et al. (2026) Neural Representation of Exogenous and Endogenous Temporal Expectations Based on fMRI. CNS neuroscience & therapeutics, 32(4), e70864.

Shin S, et al. (2026) Association of coronary artery calcium and carotid intima-media thickness with white matter hyperintensity. Medicine, 105(19), e48823.

Lyons T, et al. (2026) Human brain changes after first psilocybin use. Nature communications, 17(1).

Darlix A, et al. (2026) Distinct molecular profiles characterize the spontaneous growth rate of IDHmt low-grade astrocytomas and oligodendrogliomas. *Neuro-oncology*, 28(4), 911.

Yang J, et al. (2026) Circular RNA PTPN4 Contributes to Blood-Brain Barrier Disruption during Early Epileptogenesis. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(12), e02250.

Haldin C, et al. (2026) Structural correlates of aphasia severity, cognitive impairment, and outcome after stroke. *NeuroImage. Clinical*, 49, 103954.

Zhang X, et al. (2026) Associations between metabolic syndrome and regional brain iron depositions and cognitive function in middle-aged and older adults: A two multinational cohort study. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 22(1), e71080.

Feng X, et al. (2026) Comparative analysis of the diagnostic value of dynamic contrast-enhanced magnetic resonance imaging kinetic heterogeneity and apparent diffusion coefficient for grading invasive breast cancer. *Diagnostic and interventional radiology* (Ankara, Turkey), 32(4), 399.

Jiang L, et al. (2026) Association between MRI indicators of the glymphatic system and cognition in high-risk populations for Alzheimer's disease. *The journal of prevention of Alzheimer's disease*, 13(4), 100504.

Wang D, et al. (2026) Effects and mechanisms of theta burst stimulation targeting individualized pre-supplementary motor area for post-stroke aphasia: study protocol for a randomized controlled trial. *Frontiers in neurology*, 17, 1703554.

Straathof M, et al. (2026) The effects of a second pregnancy on women's brain structure and function. *Nature communications*, 17(1), 1495.

Min JH, et al. (2026) Etiology-specific prognostic value of ultra-early diffusion-weighted MRI after out-of-hospital cardiac arrest: a multicenter cohort study. *Critical care* (London, England), 30(1).