Resource Summary Report

Generated by RRID on Aug 4, 2026

MRIcro Software

RRID:SCR_008264
Type: Tool

Proper Citation

MRIcro Software (RRID:SCR_008264)

Resource Information

URL: http://www.cabiatl.com/mricro/

Proper Citation: MRIcro Software (RRID:SCR_008264)

Description: MRIcro allows Windows and Linux computers view medical images. It is a standalone program, but includes tools to complement SPM (software that allows neuroimagers to analyze MRI, fMRI and PET images). MRIcro allows efficient viewing and exporting of brain images. In addition, it allows neuropsychologists to identify regions of interest (ROIs, e.g. lesions). MRIcro can create Analyze format headers for exporting brain images to other platforms. Some features of MRIcro are: - Converts medical images to SPM friendly Analyze format. - View Analyze format images (big or little endian). - Create Analyze format headers (big or little endian). - Create 3D regions of interest (with computed volume & intensity). - Overlap multiple regions of interest. - Rotate images to match SPM template images. - Export images to BMP, JPEG, PNG or TIF format. - Yoked images: linked viewing of multiple images (e.g. view same coordinates of PET and MRI scans). Users familiar with other Windows programs will find that this software is fairly straightforward to use. Resting the mouse cursor over a button will cause a text hint to appear over the button. However, a tutorial with a step by step guide of how to use MRIcro with SPM is available.

Synonyms: MRIcro

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

Keywords: export, fmri, 3d, brain, intensity, lesions, medical, mri, neuroimager, neuropsychologist, pet, platform, region, software, view, volume, image

Resource Name: MRIcro Software

Resource ID: SCR_008264

Alternate IDs: nif-0000-23298

Record Creation Time: 20220129T080246+0000

Record Last Update: 20260804T043358+0000

Ratings and Alerts

No rating or validation information has been found for MRIcro Software.

No alerts have been found for MRIcro Software.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 896 mentions in open access literature.

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

Freitag E, et al. (2025) Potential of transcranial ultrasound- and near-infrared spectroscopy-based acute stroke imaging for decision-making on intravenous thrombolysis treatment. Frontiers in neurology, 16, 1499821.

Liu Y, et al. (2025) Machine learning method based on radiomics help differentiate posterior pituitary tumors from pituitary neuroendocrine tumors and craniopharyngioma. Scientific reports, 15(1), 19967.

Zeng W, et al. (2025) Hippocampal functional imaging-derived radiomics features for diagnosing cognitively impaired patients with Parkinson's disease. BMC neuroscience, 26(1), 27.

Zhang Y, et al. (2025) Functional connectivity between non-motor and motor networks predicts motor recovery changes after stroke. Scientific reports, 15(1), 41448.

Xu Y, et al. (2025) Effect of Brain Computer Interface Training on Frontoparietal Network Function for Young People: A Functional Near-Infrared Spectroscopy Study. CNS neuroscience & therapeutics, 31(4), e70400.

Yu T, et al. (2025) Cholestanol promotes tau pathology in a mouse model of tauopathy. Cellular and molecular life sciences : CMLS, 83(1), 5.

Li L, et al. (2025) Functional Connectivity Changes in Primary Motor Cortex Subregions of Patients With Obstructive Sleep Apnea. Brain and behavior, 15(7), e70698.

Chang JY, et al. (2025) Mediation of Time-Related Blood Pressure Variability on Intensive Blood Pressure Lowering and Functional Outcomes Post Endovascular Therapy: A Post Hoc Analysis of the OPTIMAL-BP Trial. Journal of the American Heart Association, 14(8), e039723.

Oliveira Young C, et al. (2025) Quantitative SISCOM assessment for epileptogenic zone localization: insights from a multicenter study comparing two software platforms in temporal lobe epilepsy. Frontiers in neurology, 16, 1552774.

Pratt J, et al. (2025) Intra- and inter-session reliability and repeatability of 1H magnetic resonance spectroscopy for determining total creatine concentrations in multiple brain regions. Experimental physiology, 110(3), 464.

Wang C, et al. (2025) Cerebral perfusion correlates with amyloid deposition in patients with mild cognitive impairment due to Alzheimer's disease. The journal of prevention of Alzheimer's disease, 12(2), 100031.

Wu S, et al. (2025) Functional connectivity in whole-brain and network analysis differentiates minimally conscious from unresponsive patients: a resting-state fNIRS study. Journal of translational medicine, 23(1), 1093.

Hirano K, et al. (2025) Toward a Better Understanding of Hip Adductor Function: Internal Rotation Capability Revealed by Anatomical and MRI Evaluation. Journal of functional morphology and kinesiology, 10(3).

Zhu JD, et al. (2025) Mapping Genetic Associations With Functional Brain Area Alterations in Schizophrenia and Implications for Cortical Development. Brain and behavior, 15(7), e70688.

Yasin ET, et al. (2025) Automatic mandibular third molar and mandibular canal relationship determination based on deep learning models for preoperative risk reduction. Clinical oral investigations, 29(4), 203.

Banco E, et al. (2025) Rehabilitation of post-stroke aphasia by a single protocol targeting phonological, lexical, and semantic deficits with speech output tasks: a randomized controlled trial. European journal of physical and rehabilitation medicine, 61(1), 9.

Zhang Z, et al. (2025) Study on resting-state functional connectivity characteristics under hypnosis using functional near-infrared spectroscopy. Frontiers in psychology, 16, 1567526.

Jeong J, et al. (2025) Superior performance in classification of breast cancer molecular subtype and histological factors by radiomics based on ultrafast MRI over standard MRI: evidence from a prospective study. La Radiologia medica, 130(3), 368.

Wang X, et al. (2025) Long-term clinical prognosis of patients with gliomas infiltrating corticospinal tract on DTI tractography. Chinese neurosurgical journal, 11(1), 26.

Song H, et al. (2024) Atypical effective connectivity from the frontal cortex to striatum in alcohol use disorder. Translational psychiatry, 14(1), 381.