

Resource Summary Report

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MRlcro Software

RRID:SCR_008264

Type: Tool

Proper Citation

MRlcro Software (RRID:SCR_008264)

Resource Information

URL: <http://www.cabiatl.com/mrcro/>

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Description: MRlcro 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). MRlcro allows efficient viewing and exporting of brain images. In addition, it allows neuropsychologists to identify regions of interest (ROIs, e.g. lesions). MRlcro can create Analyze format headers for exporting brain images to other platforms. Some features of MRlcro 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 MRlcro with SPM is available.

Synonyms: MRlcro

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

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

Resource Name: MRlcro Software

Resource ID: SCR_008264

Alternate IDs: nif-0000-23298

Record Creation Time: 20220129T080246+0000

Record Last Update: 20260905T132620+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 910 mentions in open access literature.

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

Fritsch M, et al. (2026) Ischemic lesions to the inferior frontal cortex slow perceptual switching. iScience, 29(3), 114943.

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.

Weiss D, et al. (2026) Deep learning based volumetric analysis of infrarenal abdominal aortic aneurysms characterized on CTA. NPJ digital medicine, 9(1), 87.

Boroumand-Jazi R, et al. (2026) Dihydrotestosterone and Finasteride Effects on Alcohol Cue-Elicited Brain Activity in Males With Heavy Episodic Drinking. Addiction biology, 31(2), e70123.

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

Ding Q, et al. (2026) Is self-report brain fog after mild COVID-19 truly induced by COVID-19 infection? A longitudinal fNIRS study. Dialogues in clinical neuroscience, 28(1), 95.

Yu X, et al. (2026) Neural Correlates of Virtual Reality Intervention in Children With Attention-Deficit/Hyperactivity Disorder: A Resting-State fMRI Study Based on Percent Amplitude of Fluctuation. Brain and behavior, 16(6), e71518.

Zhou XC, et al. (2026) Remodeling of the ventral attention network-default mode network as potential neural correlates of anxiety in lumbar disc herniation patients treated with lever positioning manipulation: a resting-state fMRI study. BMC complementary medicine and therapies, 26(1).

Gundlapalli R, et al. (2026) Beyond the naked eye: a systematic review on the current state of radiomics approaches to the vestibular schwannoma. *Journal of neuro-oncology*, 178(3).

Wang X, et al. (2026) The prefrontal-striatal signatures of reduced model-based learning in depressed patients. *Annals of general psychiatry*, 25(1), 11.

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.

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.

Laurienti PJ, et al. (2025) Moderation between resting-state connectivity and brain amyloid levels on speed of cognitive and physical function in older adults: Evidence for network-based cognitive reserve. *Aperture neuro*, 5.

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

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.

Xu G, et al. (2025) Hippocampal subfield-specific alterations in post-stroke dementia with subcortical lesion. *Brain imaging and behavior*, 19(6), 1261.

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

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.

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.