Resource Summary Report

Generated by dkNET on May 6, 2025

MRTool

RRID:SCR_015956
Type: Tool

Proper Citation

MRTool (RRID:SCR_015956)

Resource Information

URL: https://www.nitrc.org/projects/mrtool

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Description: Software toolkit for analysis of MR brain imaging data. MRTool runs on Apple computers and PCs and requires SPM12.

Resource Type: portal, topical portal, data or information resource

Defining Citation: DOI:10.1007/s12021-018-9355-3

Keywords: brain, imaging, neuroimaging, analysis, magnetic, resonance, mr

Funding:

Availability: Free, Available for download, Runs on MAC OS, Runs on Windows

Resource Name: MRTool

Resource ID: SCR_015956

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Record Creation Time: 20220129T080328+0000

Record Last Update: 20250506T061504+0000

Ratings and Alerts

No rating or validation information has been found for MRTool.

No alerts have been found for MRTool.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Da X, et al. (2024) Noninvasive Gamma Sensory Stimulation May Reduce White Matter and Myelin Loss in Alzheimer's Disease. Journal of Alzheimer's disease : JAD, 97(1), 359.

Boroshok AL, et al. (2023) Individual differences in T1w/T2w ratio development during childhood. Developmental cognitive neuroscience, 62, 101270.

Denis C, et al. (2023) T1-/T2-weighted ratio reveals no alterations to gray matter myelination in temporal lobe epilepsy. Annals of clinical and translational neurology, 10(11), 2149.

Sanada T, et al. (2022) Correlation of T1- to T2-weighted signal intensity ratio with T1- and T2-relaxation time and IDH mutation status in glioma. Scientific reports, 12(1), 18801.

Li J, et al. (2021) Transcriptomic and macroscopic architectures of intersubject functional variability in human brain white-matter. Communications biology, 4(1), 1417.

Thapaliya K, et al. (2020) Mapping of pathological change in chronic fatigue syndrome using the ratio of T1- and T2-weighted MRI scans. NeuroImage. Clinical, 28, 102366.

Luo X, et al. (2019) Application of T1-/T2-Weighted Ratio Mapping to Elucidate Intracortical Demyelination Process in the Alzheimer's Disease Continuum. Frontiers in neuroscience, 13, 904.

Ganzetti M, et al. (2018) A Spatial Registration Toolbox for Structural MR Imaging of the Aging Brain. Neuroinformatics, 16(2), 167.