Resource Summary Report

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MIITRA atlas

RRID:SCR_017566
Type: Tool

Proper Citation

MIITRA atlas (RRID:SCR_017566)

Resource Information

URL: http://www.nitrc.org/projects/miitra/

Proper Citation: MIITRA atlas (RRID:SCR_017566)

Description: Atlas for studies of older adult brain. Includes T1-weighted template of older adult brain and tissue probability maps. Exhibits high image sharpness, provides higher inter-subject spatial normalization accuracy compared to other standardized templates and similar normalization accuracy to well-constructed study-specific templates.

Synonyms: Multichannel Illinois Institute of Technology and Rush University Aging atlas

Resource Type: atlas, data or information resource

Keywords: Older, adult, brain, tissue, probability, map, standardized, template

Funding: NIA R01 AG052200

Availability: Free, Available for download, Freely available

Resource Name: MIITRA atlas

Resource ID: SCR_017566

Alternate URLs: https://www.nitrc.org/frs/?group_id=1407&release_id=4156

License: MIITRA License

Record Creation Time: 20220129T080335+0000

Record Last Update: 20250407T220410+0000

Ratings and Alerts

No rating or validation information has been found for MIITRA atlas.

No alerts have been found for MIITRA atlas.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Wu Y, et al. (2023) High resolution 0.5mm isotropic T1-weighted and diffusion tensor templates of the brain of non-demented older adults in a common space for the MIITRA atlas. NeuroImage, 282, 120387.

Niaz MR, et al. (2022) Development and evaluation of a high resolution 0.5mm isotropic T1-weighted template of the older adult brain. NeuroImage, 248, 118869.

Wu Y, et al. (2022) Development of high quality T1-weighted and diffusion tensor templates of the older adult brain in a common space. NeuroImage, 260, 119417.

Ridwan AR, et al. (2021) Development and evaluation of a high performance T1-weighted brain template for use in studies on older adults. Human brain mapping, 42(6), 1758.