

# Resource Summary Report

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## MNI brain and the Talairach atlas

RRID:SCR\_000434

Type: Tool

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### Proper Citation

MNI brain and the Talairach atlas (RRID:SCR\_000434)

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### Resource Information

**URL:** <http://imaging.mrc-cbu.cam.ac.uk/imaging/MniTalairach>

**Proper Citation:** MNI brain and the Talairach atlas (RRID:SCR\_000434)

**Description:** Resource that discusses MNI brain, and the difference between the MNI brain and the brain in the Talairach atlas. Approaches to converting MNI coordinates to Talairach coordinates and a few other methods for locating your activation are also presented. Matlab function that transforms MNI coordinates to Talaraich coordinates. The inverse function, tal2mni is also available.

**Abbreviations:** mni2tal

**Resource Type:** data or information resource, portal, project portal

**Keywords:** mni coordinate, mri, matlab, talaraich, coordinate

**Availability:** Free, Freely available

**Resource Name:** MNI brain and the Talairach atlas

**Resource ID:** SCR\_000434

**Alternate IDs:** SciRes\_000110, SCR\_001965, nif-0000-10537

**Record Creation Time:** 20220129T080201+0000

**Record Last Update:** 20260912T200051+0000

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### Ratings and Alerts

No rating or validation information has been found for MNI brain and the Talairach atlas.

No alerts have been found for MNI brain and the Talairach atlas.

## Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 86 mentions in open access literature.

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

Yamashita M, et al. (2023) Age-related learning difficulty through trial-and-error method associated with decreased default mode network integration in healthy middle-aged adults. *Journal of clinical and experimental neuropsychology*, 45(4), 433.

Rebollo I, et al. (2018) Stomach-brain synchrony reveals a novel, delayed-connectivity resting-state network in humans. *eLife*, 7.

Siemann J, et al. (2018) The effect of feature-based attention on flanker interference processing: An fMRI-constrained source analysis. *Scientific reports*, 8(1), 1580.

Tabei KI, et al. (2018) Cognitive Function and Brain Atrophy Predict Non-pharmacological Efficacy in Dementia: The Mihama-Kiho Scan Project2. *Frontiers in aging neuroscience*, 10, 87.

Tabei KI, et al. (2017) Physical Exercise with Music Reduces Gray and White Matter Loss in the Frontal Cortex of Elderly People: The Mihama-Kiho Scan Project. *Frontiers in aging neuroscience*, 9, 174.

Terada T, et al. (2017) Frontal assessment battery and frontal atrophy in amyotrophic lateral sclerosis. *Brain and behavior*, 7(6), e00707.

Hu Y, et al. (2017) Alterations in White Matter Integrity in Young Adults with Smartphone Dependence. *Frontiers in human neuroscience*, 11, 532.

Galashan D, et al. (2017) Differences and Similarities for Spatial and Feature-Based Selective Attentional Orienting. *Frontiers in neuroscience*, 11, 283.

Paulesu E, et al. (2017) Anatomical Modularity of Verbal Working Memory? Functional Anatomical Evidence from a Famous Patient with Short-Term Memory Deficits. *Frontiers in human neuroscience*, 11, 231.

Valchev N, et al. (2017) Primary somatosensory cortex necessary for the perception of weight from other people's action: A continuous theta-burst TMS experiment. *NeuroImage*, 152, 195.

Ni HC, et al. (2017) The Impact of Single Session Intermittent Theta-Burst Stimulation over the Dorsolateral Prefrontal Cortex and Posterior Superior Temporal Sulcus on Adults with Autism Spectrum Disorder. *Frontiers in neuroscience*, 11, 255.

Mathur VA, et al. (2016) Overlapping neural response to the pain or harm of people, animals, and nature. *Neuropsychologia*, 81, 265.

Siemann J, et al. (2016) fMRI-constrained source analysis reveals early top-down modulations of interference processing using a flanker task. *NeuroImage*, 136, 45.

Pornpattananangkul N, et al. (2016) Cultural influences on neural basis of inhibitory control. *NeuroImage*, 139, 114.

Gordon HW, et al. (2016) Laterality of Brain Activation for Risk Factors of Addiction. *Current drug abuse reviews*, 9(1), 1.

Galashan D, et al. (2015) Differences between target and non-target probe processing--combined evidence from fMRI, EEG and fMRI-constrained source analysis. *NeuroImage*, 111, 289.

Farrow TF, et al. (2015) Neural correlates of self-deception and impression-management. *Neuropsychologia*, 67, 159.

Seeber M, et al. (2015) High and low gamma EEG oscillations in central sensorimotor areas are conversely modulated during the human gait cycle. *NeuroImage*, 112, 318.

Klamer S, et al. (2015) Multimodal effective connectivity analysis reveals seizure focus and propagation in musicogenic epilepsy. *NeuroImage*, 113, 70.

Farah R, et al. (2014) Altered white matter microstructure underlies listening difficulties in children suspected of auditory processing disorders: a DTI study. *Brain and behavior*, 4(4), 531.