Resource Summary Report

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MNI brain and the Talairach atlas

RRID:SCR_000434
Type: Tool

Proper Citation

MNI brain and the Talairach atlas (RRID:SCR_000434)

Resource Information

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

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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: 20260829T182824+0000

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 NIF .

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.

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.

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. (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.

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

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

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.

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.

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

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.