Resource Summary Report

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Brainnetome Atlas Viewer

RRID:SCR_014091 Type: Tool

Proper Citation

Brainnetome Atlas Viewer (RRID:SCR_014091)

Resource Information

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

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Description: Brainnetome Atlas Viewer shows the anatomical connectivity-based parcellation results, including the maximum probabilistic maps, probabilistic maps and both the anatomical and functional connectivity patterns, which have been developed in Brainnetome Center, CASIA. The atlas is based on the analysis of connectional architecture with in vivo multi-modal MRI data.

Resource Type: data or information resource, software resource, atlas, software application

Keywords: atlas viewer, connectivity, human brain, mri

Funding:

Availability: Available for download

Resource Name: Brainnetome Atlas Viewer

Resource ID: SCR_014091

Alternate URLs: http://atlas.brainnetome.org

License: Brainnetome Atlas

Record Creation Time: 20220129T080319+0000

Record Last Update: 20250429T055624+0000

Ratings and Alerts

No rating or validation information has been found for Brainnetome Atlas Viewer.

No alerts have been found for Brainnetome Atlas Viewer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 32 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Zhang H, et al. (2025) Reorganization of cortical individualized differential structural covariance network is associated with regional morphometric changes in chronic subcortical stroke. NeuroImage. Clinical, 45, 103735.

Leone G, et al. (2025) Plasticity of human resilience mechanisms. Science advances, 11(2), eadq8336.

Wang J, et al. (2025) Aberrant functional connectivity between the retrosplenial cortex and hippocampal subregions in amnestic mild cognitive impairment and Alzheimer's disease. Brain communications, 7(1), fcae476.

Sihvonen AJ, et al. (2024) Structural Neuroplasticity Effects of Singing in Chronic Aphasia. eNeuro, 11(5).

Liu J, et al. (2024) Neuroanatomical, transcriptomic, and molecular correlates of math ability and their prognostic value for predicting learning outcomes. Science advances, 10(22), eadk7220.

Brochard J, et al. (2024) Efficient value synthesis in the orbitofrontal cortex explains how loss aversion adapts to the ranges of gain and loss prospects. eLife, 13.

Wang J, et al. (2024) Effects of acupuncture at the Taichong (LIV3) and Hegu (LI4) points on functional connectivity with the retrosplenial cortex in patients with Alzheimer's disease. Frontiers in neuroscience, 18, 1511183.

Tompary A, et al. (2024) Integration of overlapping sequences emerges with consolidation through medial prefrontal cortex neural ensembles and hippocampal-cortical connectivity. eLife, 13.

Liu W, et al. (2024) Levodopa improved different motor symptoms in patients with Parkinson's disease by reducing the functional connectivity of specific thalamic subregions.

CNS neuroscience & therapeutics, 30(2), e14354.

Shan X, et al. (2024) Abnormal regional activity in the prefrontal-limbic circuit at rest: Potential imaging markers and treatment predictors in drug-naive anxiety disorders. CNS neuroscience & therapeutics, 30(4), e14523.

Xu W, et al. (2024) Effects of repetitive transcranial magnetic stimulation on fear of cancer recurrence and its underlying neuromechanism. Contemporary clinical trials communications, 39, 101299.

Guo J, et al. (2024) Thalamic functional dysconnectivity in patients with left-hemisphere chronic capsular and pontine stroke. Frontiers in neuroscience, 18, 1451307.

Mas-Cuesta L, et al. (2024) Brain signatures of catastrophic events: Emotion, salience, and cognitive control. Psychophysiology, 61(12), e14674.

Ling W, et al. (2024) Self-esteem mediates the relationship between the parahippocampal gyrus and decisional procrastination at resting state. Frontiers in neuroscience, 18, 1341142.

Kuai C, et al. (2024) The association between gray matter volume in the hippocampal subfield and antidepressant efficacy mediated by abnormal dynamic functional connectivity. Scientific reports, 14(1), 8940.

Peng Y, et al. (2024) Unraveling multi-scale neuroimaging biomarkers and molecular foundations for schizophrenia: A combined multivariate pattern analysis and transcriptomeneuroimaging association study. CNS neuroscience & therapeutics, 30(8), e14906.

Guo Y, et al. (2024) Structural changes in eloquent cortex secondary to glioma in sensorimotor area. Human brain mapping, 45(8), e26723.

Song Y, et al. (2024) Pain-Discriminating Information Decoded From Spatiotemporal Patterns of Hemodynamic Responses Measured by fMRI in the Human Brain. Human brain mapping, 45(16), e70065.

Pasquini L, et al. (2024) Frontotemporal lobar degeneration targets brain regions linked to expression of recently evolved genes. Brain : a journal of neurology, 147(9), 3032.

Vassiliadis P, et al. (2024) Non-invasive stimulation of the human striatum disrupts reinforcement learning of motor skills. Nature human behaviour, 8(8), 1581.