

Resource Summary Report

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brainmap.org

RRID:SCR_003069

Type: Tool

Proper Citation

brainmap.org (RRID:SCR_003069)

Resource Information

URL: <http://brainmap.org/>

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Description: A community database of published functional and structural neuroimaging experiments with both metadata descriptions of experimental design and activation locations in the form of stereotactic coordinates (x,y,z) in Talairach or MNI space. BrainMap provides not only data for meta-analyses and data mining, but also distributes software and concepts for quantitative integration of neuroimaging data. The goal of BrainMap is to develop software and tools to share neuroimaging results and enable meta-analysis of studies of human brain function and structure in healthy and diseased subjects. It is a tool to rapidly retrieve and understand studies in specific research domains, such as language, memory, attention, reasoning, emotion, and perception, and to perform meta-analyses of like studies. Brainmap contains the following software: # Sleuth: database searches and Talairach coordinate plotting (this application requires a username and password) # GingerALE: performs meta-analyses via the activation likelihood estimation (ALE) method; also converts coordinates between MNI and Talairach spaces using icbm2tal # Scribe: database entry of published functional neuroimaging papers with coordinate results

Abbreviations: BrainMap

Synonyms: BrainMap Database

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

Defining Citation: [PMID:15897617](#), [PMID:11967563](#), [PMID:15846810](#)

Keywords: 3d model, atlas, data management, imaging, map, neuroinformatics, warping, neuroimaging, brain, talairach, mni, java, modeling, magnetic resonance, nifti-1, ontology, os independent, pet, spect, visualization, functional neuroimaging, fmri

Related Condition: Healthy, Diseased

Funding: NIMH 2R01-MH074457

Availability: Free, Freely available

Resource Name: brainmap.org

Resource ID: SCR_003069

Alternate IDs: nif-0000-00049

Alternate URLs: <http://www.nitrc.org/projects/brainmap>

Record Creation Time: 20220129T080217+0000

Record Last Update: 20260903T234559+0000

Ratings and Alerts

No rating or validation information has been found for brainmap.org.

No alerts have been found for brainmap.org.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 484 mentions in open access literature.

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

Liu HY, et al. (2026) Accelerated brain ageing in migraine: a multilevel MRI-based brain-age modelling study. Brain communications, 8(2), fcag110.

Cui W, et al. (2026) Robust lesion network mapping reveals genuine symptom-specific networks. bioRxiv : the preprint server for biology.

Shin Y, et al. (2026) Identification of Cortices with Characteristics of Rhythmic Entrainment and Its Periodicity. Experimental neurobiology, 35(1), 17.

Wong E, et al. (2026) Neurofunctional Correlates of Emotional Dysregulation: Systematic Review and ALE Meta-Analysis. Brain and behavior, 16(4), e71376.

Starling-Alves I, et al. (2026) Rational numbers: A systematic review and ALE meta-analysis of the neuroimaging of fraction and decimal processing in the brain. Psychonomic bulletin & review, 33(5).

Ji GJ, et al. (2026) Distinct antidepressant therapies act on a common brain network. *Nature communications*, 17(1), 1176.

Wong E, et al. (2026) The Neural Blueprint of Novelty: A Meta-Analytic Dissection of Active and Passive Novelty Processing Networks. *Brain and behavior*, 16(2), e71221.

Liloia D, et al. (2026) Identification of a diagnosis-selective neurobiological substrate for bipolar disorder, major depressive disorder, and schizophrenia: a meta-analysis of 57,717 subjects. *Psychological medicine*, 56, e52.

Cavicchioli M, et al. (2026) A Multi-Method Meta-Analysis of Neuro-Behavioral Motor Inhibition Outcomes Across Substance-Use Problems and Related Developmental Psychopathological Conditions: A Self-Regulation Approach. *Clinical neuropsychiatry*, 23(2), 182.

Bryant KL, et al. (2025) Connectivity profile and function of uniquely human cortical areas. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(15).

Tahamata VM, et al. (2025) Domain-Specific and Domain-General Functional Brain Alterations in Type 2 Diabetes Mellitus: A Task-Based and Functional Connectivity Meta-Analysis. *Brain and behavior*, 15(4), e70438.

Bernard JA, et al. (2025) Altered cerebellar activation patterns in Alzheimer's disease: An activation likelihood estimation Meta-Analysis. *NeuroImage. Clinical*, 46, 103770.

Fu Y, et al. (2025) The shared neural substrates of emotional mimicry and emotional contagion: an activation likelihood estimation meta-analysis and meta-analytic connectivity modeling analysis. *Social cognitive and affective neuroscience*, 20(1).

Sobral M, et al. (2025) Neural correlates of peripartum depression: a systematic review, meta-analysis and comparison to major depressive disorder. *Molecular psychiatry*, 30(12), 5979.

Zhang M, et al. (2025) Unraveling morphological brain network disparities Parkinsonian tremor from essential tremor: an artificial intelligence approach for clinical differentiation. *NPJ Parkinson's disease*, 11(1), 253.

Liang J, et al. (2025) Gray matter and cognitive alteration related to chronic obstructive pulmonary disease patients: combining ALE meta-analysis and MACM analysis. *Brain imaging and behavior*, 19(1), 204.

He D, et al. (2025) Structural and functional brain abnormal alteration in patients with type 2 diabetes mellitus: A coordinate-based meta-analysis. *Translational psychiatry*, 15(1), 269.

Davididi S, et al. (2025) The Neural Correlates of Response Inhibition With and Without Conflict in ADHD: An Activation Likelihood Estimation Meta-Analysis. *The European journal of neuroscience*, 62(5), e70244.

Kwon J, et al. (2025) Mimed speech as an intermediary state between overt and imagined speech production in an electrocorticography study. *Scientific reports*, 15(1), 33393.

Xia J, et al. (2025) Disentangling shared and unique brain functional changes associated with clinical severity and cognitive phenotypes in schizophrenia via deep learning. *Communications biology*, 8(1), 1215.