brainmap.org
RRID:SCR_003069
Type: Tool

Proper Citation
brainmap.org (RRID:SCR_003069)

Resource Information

URL: http://brainmap.org/

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

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

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
Resource ID: SCR_003069

Parent Organization: University of Texas Health Science Center at San Antonio; Texas; USA

Related Condition: Healthy, Diseased

Funding Agency: NIMH

Related resources: Brede Database

References: PMID:15897617, PMID:11967563, PMID:15846810

Availability: BrainMap License, Free for educational and scientific purposes, Non-commercial, Coding scheme and its taxonomy of experimental design are available for use without restriction, Acknowledgement requested

Website Status: Last checked up

Alternate IDs: nif-0000-00049

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

Abbreviations: BrainMap

Mentions Count: 260

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Ratings and Alerts


No alerts have been found for brainmap.org.

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Data and Source Information

Source: SciCrunch Registry

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Usage and Citation Metrics

We found 260 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch Infrastructure](http://www.nitrc.org/projects/brainmap).


Schnellbächer GJ, et al. (2020) Functional Characterization of Atrophy Patterns Related to...


Ng TH, et al. (2019) Meta-analysis of reward processing in major depressive disorder reveals distinct abnormalities within the reward circuit. Translational psychiatry, 9(1), 293.


