Resource Summary Report

Generated by RRID on Sep 10, 2026

NeuroSynth

RRID:SCR_006798
Type: Tool

Proper Citation

NeuroSynth (RRID:SCR_006798)

Resource Information

URL: http://neurosynth.org

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Description: Platform for large-scale, automated synthesis of functional magnetic resonance imaging (fMRI) data extracted from published articles. It''s a website wrapped around a set of open-source Python and JavaScript packages. Neurosynth lets you run crude but useful analyses of fMRI data on a very large scale. You can: * Interactively visualize the results of over 3,000 term-based meta-analyses * Select specific locations in the human brain and view associated terms * Browse through the nearly 10,000 studies in the database Their ultimate goal is to enable dynamic real-time analysis, so that you''ll be able to select foci, tables, or entire studies for analysis and run a full-blown meta-analysis without leaving your browser. You''ll also be able to do things like upload entirely new images and obtain probabilistic estimates of the cognitive states most likely to be associated with the image.

Abbreviations: Neurosynth

Synonyms: Neurosynth.org

Resource Type: data or information resource, database, software resource, source code

Defining Citation: PMID:21706013

Keywords: activation foci, magnetic resonance imaging assay, brain, human, fmri, neuroimaging, python, image, functional neuroimaging, FASEB list

Funding: NIMH R01MH096906

Availability: Neurosynth Automated Coordinate Extraction (ACE) tools under, Open unspecified license, Open Software License, v3, Http://www.nitrc.org/include/glossary.php#552, Software is, Free, Copyright and permission notice required

Resource Name: NeuroSynth

Resource ID: SCR_006798

Alternate IDs: nlx_55906

Alternate URLs: http://www.nitrc.org/projects/neurosynth, https://github.com/tyarkoni/neurosynth

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260905T133042+0000

Ratings and Alerts

No rating or validation information has been found for NeuroSynth.

No alerts have been found for NeuroSynth.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1340 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Krause AJ, et al. (2026) Examining fronto-limbic brain and sleep mechanisms of antidepressant effects in cognitive-behavioral therapy for insomnia. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 51(9), 1657.

Mancano M, et al. (2026) Emotional and Social Dimension of Abstract Concepts Meet with Interoception in Right Anterior Insula. The Journal of neuroscience : the official journal of the Society for Neuroscience, 46(2).

Wolfe T, et al. (2026) Population-Level Age Effects on the White Matter Structure Subserving Cognitive Flexibility in the Human Brain. eNeuro, 13(2).

Luo AC, et al. (2026) Two axes of white matter development. Nature communications, 17(1).

Pascual-Diaz S, et al. (2026) Brain-immune correlates of quality of life in adolescents with chronic musculoskeletal pain. Brain, behavior, and immunity, 132, 106225.

Fleischer CC, et al. (2026) Study protocol for neuroimaging using 7 T MRI in the investigation of baricitinib for reduction of HIV in the CNS: a randomized placebo-controlled trial. BMC medical imaging, 26(1).

Höbler F, et al. (2026) The Speech Network in Childhood Stuttering: Differences in Functional Connectivity of the Planning and Motor Loops. Neurobiology of language (Cambridge, Mass.), 7.

Peel HJ, et al. (2026) Functional brain mapping of body size estimation using a 3D avatar. Scientific reports, 16(1), 4750.

Wang D, et al. (2026) Deviation in development of dorsal association tracts during preadolescence links to concurrent and future cognitive performance and transdiagnostic psychopathology. Nature communications, 17(1).

Pisani S, et al. (2026) Gray Matter Volume Loss in Parkinson's Disease Psychosis and Cannabinoid Receptor Gene Expression in the Brain. Movement disorders : official journal of the Movement Disorder Society, 41(6), 1566.

Niu J, et al. (2026) Brain energetic landscapes shape state dysregulation in major depressive disorder: a morphological network controllability perspective. Translational psychiatry, 16(1).

Zhang L, et al. (2026) Multiscale neural features of tonal bilingualism: linking regional differences in brain network degree centrality to neurotransmitter-gene signatures in Bai-Mandarin bilinguals. Scientific reports, 16(1).

Buergi N, et al. (2026) A neural signature of adaptive mentalization. Nature neuroscience, 29(4), 934.

Meredith WJ, et al. (2026) Neural focalization of dorsolateral prefrontal cortex and the inferior parietal lobule is associated with inhibitory control performance in adolescence. Developmental cognitive neuroscience, 80, 101750.

Suss SJ, et al. (2026) In relation to anxiety severity, puberty moderates functional connectivity between the amygdala and anterior cingulate cortex for negative relative to neutral stimuli during an emotional categorization task. Developmental cognitive neuroscience, 80, 101752.

Papiernik-K?odzi?ska J, et al. (2026) Visual field inhomogeneities and the architectonics of early visual cortex shape visual working memory. Cerebral cortex (New York, N.Y. : 1991), 36(5).

Li P, et al. (2026) Cingulate Gradient Dysfunction in End-Stage Renal Disease: Associations With Clinical Phenotypes and Exploratory Transcriptomic Signatures. CNS neuroscience & therapeutics, 32(7), e70976.

Miao W, et al. (2026) Functional gradient reorganization and transcriptomic signatures underlying 1 Hz rTMS treatment in first-episode schizophrenia following right orbitofrontal cortex stimulation. NeuroImage. Clinical, 50, 104002.

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

Farahani A, et al. (2026) Structure-function coupling in the human brainstem. bioRxiv : the preprint server for biology.