

Resource Summary Report

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OpenNeuro

RRID:SCR_005031

Type: Tool

Proper Citation

OpenNeuro (RRID:SCR_005031)

Resource Information

URL: <http://openneuro.org>

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Description: Open platform for analyzing and sharing neuroimaging data from human brain imaging research studies. Brain Imaging Data Structure (BIDS) compliant database. Formerly known as OpenfMRI. Data archives to hold magnetic resonance imaging data. Platform for sharing MRI, MEG, EEG, iEEG, and ECoG data.

Abbreviations: OpenNeuro, OpenfMRI

Synonyms: OpenfMRI, Open fMRI, OpenNeuro

Resource Type: data repository, data or information resource, database, image repository, storage service resource, service resource

Keywords: neuroinformatics, database, storing, dataset, neuroimaging, data, MRI, MEG, EEG, iEEG, ECoG, FASEB list

Funding: NSF OCI1131441;
NIDA ;
Laura and John Arnold Foundation ;
Stanford ;
Squishymedia ;
BRAIN Initiative ;
NIMH

Availability: Free, Freely available

Resource Name: OpenNeuro

Resource ID: SCR_005031

Alternate IDs: DOI:10.25504/FAIRsharing.s1r9bw, r3d100010924, nlx_144048, DOI:10.17616/R33047, DOI:10.18112

Alternate URLs: <http://www.nitrc.org/projects/openfmri>, <https://github.com/OpenNeuroDatasets>, <https://doi.org/10.17616/R33047>, <https://doi.org/10.17616/r33047>, <https://doi.org/10.18112/>, <https://dx.doi.org/10.18112/>, <https://fairsharing.org/10.25504/FAIRsharing.s1r9bw>, <https://doi.org/10.17616/R33047>

Old URLs: <http://openfmri.org>

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Record Creation Time: 20220129T080228+0000

Record Last Update: 20260804T043235+0000

Ratings and Alerts

No rating or validation information has been found for OpenNeuro.

No alerts have been found for OpenNeuro.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 247 mentions in open access literature.

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

Rampinini A, et al. (2025) NEBULA101: an open dataset for the study of language aptitude in behaviour, brain structure and function. Scientific data, 12(1), 19.

Stenner MP, et al. (2025) Prior knowledge changes initial sensory processing in the human spinal cord. Science advances, 11(3), ead15602.

Bakiaj R, et al. (2025) Unmasking the Dark Triad: A Data Fusion Machine Learning Approach to Characterize the Neural Bases of Narcissistic, Machiavellian and Psychopathic Traits. The European journal of neuroscience, 61(2), e16674.

Talebi S, et al. (2025) A Graph-Based Statistical Approach to Identifying Functional Connectivity Networks in Patients with Traumatic Brain Injury. Iranian journal of child neurology, 19(1), 65.

Vaghi MM, et al. (2025) Frontostriatal salience network expands as executive networks contract in Obsessive-Compulsive Disorder. bioRxiv : the preprint server for biology.

Ballard IC, et al. (2025) Temporal fMRI Dynamics Map Dopamine Physiology. bioRxiv : the preprint server for biology.

Demeter DV, et al. (2025) Precision functional mapping reveals less inter-individual variability in the child vs. adult human brain. bioRxiv : the preprint server for biology.

Lewis CJ, et al. (2025) Diffusion tensor imaging in Chediak Higashi Disease. medRxiv : the preprint server for health sciences.

Gopalakrishnan R, et al. (2025) Magnetoencephalography studies in migraine and headache disorders: A systematic review. Headache, 65(2), 353.

Anderson JE, et al. (2025) High-Density Multi-Distance fNIRS Enhances Detection of Brain Activity during a Word-Color Stroop Task. bioRxiv : the preprint server for biology.

Sun L, et al. (2025) Pattern Separation and Pattern Completion Within the Hippocampal Circuit During Naturalistic Stimuli. Human brain mapping, 46(2), e70150.

Lampert F, et al. (2025) Adaptive neuromodulation dialogues: navigating current challenges and emerging innovations in neuromodulation system development. Journal of neural engineering, 22(6).

Gautier R, et al. (2025) Characterizing the Heartbeat-Evoked Potential: A Two-Component Model of Cardiac Signal Processing? Psychophysiology, 62(12), e70206.

Liew SL, et al. (2025) Collaborative AI for precision neurorehabilitation: a roadmap. Journal of neuroengineering and rehabilitation, 22(1), 269.

Jelescu IO, et al. (2025) Considerations and recommendations from the ISMRM diffusion study group for preclinical diffusion MRI: Part 1: In vivo small-animal imaging. Magnetic resonance in medicine, 93(6), 2507.

Mishra A, et al. (2025) Modulating nociception networks: the impact of low-intensity focused ultrasound on thalamocortical connectivity. Brain communications, 7(1), fcac062.

Mahler L, et al. (2025) Submillimeter Ultra-High Field 9.4 T Brain MR Image Collection and Manual Cortical Segmentations. Scientific data, 12(1), 635.

Delogu F, et al. (2025) Breaking barriers: broadening neuroscience education via cloud platforms and course-based undergraduate research. Frontiers in neuroinformatics, 19, 1608900.

Jung K, et al. (2025) Effective workflow from multimodal MRI data to model-based prediction. Scientific reports, 15(1), 20126.

Zeidman P, et al. (2025) SPM-30 years and beyond. Cerebral cortex (New York, N.Y. : 1991), 35(8).