

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

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 or information resource, database, service resource, storage service resource, data repository, image repository

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: 20260808T185824+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 310 mentions in open access literature.

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

Ahmed F, et al. (2026) Explainable artificial intelligence (XAI) in medical imaging: a systematic review of techniques, applications, and challenges. BMC medical imaging, 26(1), 37.

Ritsche P, et al. (2026) UMUD: a web application for easy access to musculoskeletal ultrasonography datasets. BMC medical imaging, 26(1).

Chin JH, et al. (2026) Deep learning in fetal, infant, and toddler neuroimaging research. Developmental cognitive neuroscience, 78, 101680.

Englert R, et al. (2026) Functional connectivity-based attractor dynamics of the human brain in rest, task, and disease. eLife, 13.

Bédard S, et al. (2026) Spatial distribution of spinal cord fMRI activity with electrocutaneous stimulation. medRxiv : the preprint server for health sciences.

Smith DV, et al. (2026) ? -tACS Modulates Reward-Dependent Pupil Responses and Corticostriatal Connectivity. bioRxiv : the preprint server for biology.

Compton AB, et al. (2026) The Relation of Home Literacy Environment to Brain Specialization and Sensitivity for Phonological and Semantic Processing of Spoken Words. *Journal of speech, language, and hearing research : JSLHR*, 69(4), 1686.

Bodenheimer J, et al. (2026) Shifts in brain dynamics and drivers of consciousness state transitions. *Frontiers in computational neuroscience*, 20, 1731868.

Chen L, et al. (2026) Abnormal Brain Structural Covariance Networks of Cortical Thickness in Cocaine Use Disorder. *Addiction biology*, 31(7), e70176.

Zhao J, et al. (2026) Convergent and divergent spatial topographies of individualized brain functional networks and their developmental origins. *Psychoradiology*, 6, kag013.

Quidé Y, et al. (2026) Cerebellar Tissue Properties Alterations in Fibromyalgia: A T1w/T2w Ratio Study. *Human brain mapping*, 47(3), e70467.

Helson P, et al. (2026) Pursuit of biomarkers of brain diseases: beyond cohort comparisons. *NPJ digital medicine*, 9(1).

Fisch L, et al. (2026) deepmriprep: voxel-based morphometry preprocessing via deep neural networks. *Nature computational science*, 6(3), 250.

Kettman A, et al. (2026) Structural Alterations in Cortical Thickness and Volume in Attention Deficit Hyperactivity Disorder (ADHD): An Exploratory Surface-Based Morphometric Study. *Cureus*, 18(4), e106581.

Leipold S, et al. (2026) Inter-subject correlations and their behavioral associations vary across movies: Implications for generalizability. *bioRxiv : the preprint server for biology*.

Pusztai A, et al. (2026) Increased beta-HFO phase-amplitude coupling in the subthalamic nucleus during movement in Parkinson's disease. *Neuroimage. Reports*, 6(2), 100353.

Bakiaj R, et al. (2026) Neural fingerprint of the dark triad: Resting state BOLD power (fALFF) alterations in executive and default mode networks. *Cognitive, affective & behavioral neuroscience*, 26(1), 139.

Sheheitli H, et al. (2026) Metastability of resting-state bold fMRI as a reliable biomarker of individual brain dynamics: An interrogation of within-subject variability as a function of total acquisition time. *Network neuroscience (Cambridge, Mass.)*, 10(2), 281.

Loke RWJ, et al. (2026) Convergent structural brain alterations in chronic pain: a multi-metric individual participant data meta-analysis. *Brain communications*, 8(3), fcag146.

Chauhan V, et al. (2026) Simultaneous cortical responses to multiple written words. *bioRxiv : the preprint server for biology*.