

Resource Summary Report

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EBRAINS

RRID:SCR_019260

Type: Tool

Proper Citation

EBRAINS (RRID:SCR_019260)

Resource Information

URL: <https://ebrains.eu/>

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Description: Research infrastructure for the EU Human Brain Project. Provides digital tools and services which can be used to address challenges in brain research and brain inspired technology development. Digital research infrastructure, created by EU-funded Human Brain Project, that gathers extensive range of data and tools for brain-related research. EBRAINS will capitalize on the work performed by the Human Brain Project teams in digital neuroscience, brain medicine, and brain-inspired technology. You can share your neuroscience data, models and software.

Synonyms: ebrains, Ebrains

Resource Type: service resource, project portal, storage service resource, data repository, portal, data or information resource

Keywords: EU Human Brain Project, European Union Human Brain Project, human brain project, human brain, OpenMINDs, FAIR

Funding: EU

Availability: Free, Freely available

Resource Name: EBRAINS

Resource ID: SCR_019260

Alternate IDs: r3d100013325

Alternate URLs: <https://doi.org/10.17616/R31NJMRX>

License URLs: <https://ebrains.eu/service/share-data-v2/#ethics>

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260728T043554+0000

Ratings and Alerts

No rating or validation information has been found for EBRAINS.

No alerts have been found for EBRAINS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

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

Momi D, et al. (2025) Stimulation mapping and whole-brain modeling reveal gradients of excitability and recurrence in cortical networks. *Nature communications*, 16(1), 3222.

Robinson JE, et al. (2025) The role of active inference in conscious awareness. *PloS one*, 20(12), e0328836.

Ziaemehr A, et al. (2025) Virtual Brain Inference (VBI), a flexible and integrative toolkit for efficient probabilistic inference on whole-brain models. *eLife*, 14.

Karimi F, et al. (2025) Precision non-invasive brain stimulation: an in silico pipeline for personalized control of brain dynamics. *Journal of neural engineering*, 22(2).

Lin SY, et al. (2025) Contrastive learning enhances fairness in pathology artificial intelligence systems. *Cell reports. Medicine*, 6(12), 102527.

Olson HA, et al. (2025) Measuring and interpreting individual differences in fetal, infant, and toddler neurodevelopment. *Developmental cognitive neuroscience*, 73, 101539.

Peitz K, et al. (2025) Bilingualism and "brain reserve" in subregions of the hippocampal formation. *GeroScience*, 47(3), 4935.

Takahashi K, et al. (2025) Testing the role of spontaneous activity in visuospatial perception with patterned optogenetics. *PloS one*, 20(2), e0318863.

Mapelli L, et al. (2025) Enhanced electrophysiological recordings in acute brain slices, spheroids, and organoids using 3D high-density multielectrode arrays. *PloS one*, 20(9), e0328903.

Carey H, et al. (2025) DeMBA: a developmental atlas for navigating the mouse brain in space and time. *Nature communications*, 16(1), 8108.

Nicolaisen-Sobesky E, et al. (2025) Cardiometabolic health and physical robustness map onto distinct patterns of brain structure and neurotransmitter systems. *PLoS biology*, 23(11), e3003498.

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

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.

Lojo-Ramírez JA, et al. (2025) Evaluation of early-phase 18F-Florbetaben PET as a surrogate biomarker of neurodegeneration: In-depth comparison with 18F-FDG PET at group and single patient level. *Journal of Alzheimer's disease : JAD*, 106(1), 304.

Iyer S, et al. (2024) The BRAIN Initiative data-sharing ecosystem: Characteristics, challenges, benefits, and opportunities. *eLife*, 13.

Amunts K, et al. (2024) The coming decade of digital brain research: A vision for neuroscience at the intersection of technology and computing. *Imaging neuroscience (Cambridge, Mass.)*, 2.

Krämer C, et al. (2024) Prediction of cognitive performance differences in older age from multimodal neuroimaging data. *GeroScience*, 46(1), 283.

Stacho M, et al. (2024) Phylogenetic reduction of the magnocellular red nucleus in primates and inter-subject variability in humans. *Frontiers in neuroanatomy*, 18, 1331305.

Gutzen R, et al. (2024) A modular and adaptable analysis pipeline to compare slow cerebral rhythms across heterogeneous datasets. *Cell reports methods*, 4(1), 100681.

Rujano MA, et al. (2024) Sharing sensitive data in life sciences: an overview of centralized and federated approaches. *Briefings in bioinformatics*, 25(4).