

Resource Summary Report

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Data Archive BRAIN Initiative

RRID:SCR_017114

Type: Tool

Proper Citation

Data Archive BRAIN Initiative (RRID:SCR_017114)

Resource Information

URL: <http://dabi.loni.usc.edu/>

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Description: Organize, Store, Disseminate, Analyze and Visualize Invasive Neurophysiology Data. Shared archive and resource for human invasive neurophysiology data that have been established by Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative along with software tools for data uploading, visualization and analysis. Users can view and query datasets through online interface but cannot access raw data. Platform utilizes centralized and federated model. Investigators may upload data to central archive or house it themselves.

Abbreviations: DABI

Synonyms: Data Archive Brain Initiative, DABI

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

Keywords: shared, archive, human, invasive, neurophysiology, data, brain, neurotechnology, dataset, BRAIN Initiative

Funding: BRAIN Initiative

Availability: Restricted

Resource Name: Data Archive BRAIN Initiative

Resource ID: SCR_017114

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260905T132818+0000

Ratings and Alerts

No rating or validation information has been found for Data Archive BRAIN Initiative.

No alerts have been found for Data Archive BRAIN Initiative.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Riabukhina D, et al. (2026) A Multifractal-Guided Machine Learning Framework for Late Post-Traumatic Seizure Prediction Following Hemorrhagic Traumatic Brain Injury. Research square.

Ren J, et al. (2026) Parkinson's disease as a somato-cognitive action network disorder. Nature, 651(8107), 1030.

Alijanpourotaghsara A, et al. (2025) B(RAIN)2-BRAIN integrated Resource for Anatomy and Intracranial Neurophysiology. Scientific data, 12(1), 442.

Cai J, et al. (2025) Natural language processing models reveal neural dynamics of human conversation. Nature communications, 16(1), 3376.

Choi W, et al. (2025) Brain activity associated with breakthrough food preoccupation in an individual on tirzepatide. Nature medicine, 31(12), 4038.

Niketeghad S, et al. (2025) Untangling cross-regional cross-frequency coupling in dynamic neural oscillations. Journal of neural engineering, 22(6).

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

Leonard MK, et al. (2024) Large-scale single-neuron speech sound encoding across the depth of human cortex. Nature, 626(7999), 593.

Kriukova K, et al. (2024) Changes in Hippocampal Volume after Traumatic Brain Injury (TBI). Research square.

Lesser RP, et al. (2024) Pan-cortical electrophysiologic changes underlying attention. Scientific reports, 14(1), 2680.

Blanpain LT, et al. (2024) Multisensory flicker modulates widespread brain networks and reduces interictal epileptiform discharges. Nature communications, 15(1), 3156.

Lee K, et al. (2024) Flexible, scalable, high channel count stereo-electrode for recording in the human brain. *Nature communications*, 15(1), 218.

Soper DJ, et al. (2023) Modular pipeline for reconstruction and localization of implanted intracranial ECoG and sEEG electrodes. *PloS one*, 18(7), e0287921.

Duncan D, et al. (2023) Data Archive for the BRAIN Initiative (DABI). *Scientific data*, 10(1), 83.

Subash P, et al. (2023) A comparison of neuroelectrophysiology databases. *Scientific data*, 10(1), 719.

Shivacharan RS, et al. (2022) Pilot study of responsive nucleus accumbens deep brain stimulation for loss-of-control eating. *Nature medicine*, 28(9), 1791.

Jwa AS, et al. (2022) The spectrum of data sharing policies in neuroimaging data repositories. *Human brain mapping*, 43(8), 2707.