

Resource Summary Report

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DPABI

RRID:SCR_010501

Type: Tool

Proper Citation

DPABI (RRID:SCR_010501)

Resource Information

URL: <http://rfmri.org/dpabi>

Proper Citation: DPABI (RRID:SCR_010501)

Description: Software toolbox for data processing and analysis of brain imaging, evolved from DPARSF (Data Processing Assistant for Resting-State fMRI).

Abbreviations: DPABI

Synonyms: DPABI: a toolbox for Data Processing & Analysis of Brain Imaging, toolbox for Data Processing and Analysis of Brain Imaging

Resource Type: data processing software, software toolkit, software resource, software application

Keywords: neuroimaging, resting-state fmri, brain, analysis, fmri

Funding:

Availability: GNU General Public License

Resource Name: DPABI

Resource ID: SCR_010501

Alternate IDs: nlx_158469

Record Creation Time: 20220129T080259+0000

Record Last Update: 20250426T060159+0000

Ratings and Alerts

No rating or validation information has been found for DPABI.

No alerts have been found for DPABI.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 903 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Liu X, et al. (2025) Functional connectivity gradients and neurotransmitter maps among patients with mild cognitive impairment and depression symptoms. *Journal of psychiatry & neuroscience* : JPN, 50(1), E11.

Jiang X, et al. (2025) Alterations in local activity and whole-brain functional connectivity in human immunodeficiency virus-associated neurocognitive disorders: a resting-state functional magnetic resonance imaging study. *Quantitative imaging in medicine and surgery*, 15(1), 563.

Tan G, et al. (2025) Shared and distinct morphometric similarity network abnormalities in generalized anxiety disorder, posttraumatic stress disorder and social anxiety disorder. *BMC psychiatry*, 25(1), 5.

Li Y, et al. (2025) Altered spontaneous brain activity in children with deprivation amblyopia: a resting-state functional magnetic resonance imaging study. *European journal of medical research*, 30(1), 31.

Wang X, et al. (2025) Thalamic functional connectivity on 7-Tesla magnetic resonance imaging and its relation to motor signs in early-stage Parkinson's disease. *Quantitative imaging in medicine and surgery*, 15(1), 623.

Zhao Q, et al. (2025) Brain Iron Deposition Alterations in Type 2 Diabetes Mellitus Patients With Mild Cognitive Impairment Based on Quantitative Susceptibility Mapping. *Journal of diabetes*, 17(1), e70052.

An R, et al. (2025) Using resting-state functional magnetic resonance imaging and contrastive learning to explore changes in the Parkinson's disease brain network and correlations with gait impairment. *Quantitative imaging in medicine and surgery*, 15(1), 608.

Xu J, et al. (2025) Multidimensional structural analyses revealed a correlation between thalamic atrophy and white matter degeneration in idiopathic dystonia. *Brain*

communications, 7(1), fcaf026.

Han S, et al. (2025) Topological features of brain functional networks are reorganized during chronic tinnitus: A graph-theoretical study. *The European journal of neuroscience*, 61(1), e16643.

Chen HB, et al. (2025) Functional Connectivity Alterations Associated with COVID-19-Related Sleep Problems: A Longitudinal Resting-State fMRI Study. *Nature and science of sleep*, 17, 97.

Gong L, et al. (2025) Sex-Specific Entorhinal Cortex Functional Connectivity in Cognitively Normal Older Adults with Amyloid- β Pathology. *Molecular neurobiology*, 62(1), 475.

Zhang L, et al. (2025) Molecular hydrogen reduces dermatitis-induced itch, diabetic itch and cholestatic itch by inhibiting spinal oxidative stress and synaptic plasticity via SIRT1- β -catenin pathway in mice. *Redox biology*, 79, 103472.

Tang X, et al. (2025) Resting-state functional magnetic resonance imaging study on cerebrovascular reactivity changes in the precuneus of Alzheimer's disease and mild cognitive impairment patients. *Scientific reports*, 15(1), 363.

Ying Y, et al. (2024) 3D-CAM: a novel context-aware feature extraction framework for neurological disease classification. *Frontiers in neuroscience*, 18, 1364338.

Qiu L, et al. (2024) Functional specialization of medial and lateral orbitofrontal cortex in inferential decision-making. *iScience*, 27(6), 110007.

Chen H, et al. (2024) Frequency specific alterations of the degree centrality in patients with acute basal ganglia ischemic stroke: a resting-state fMRI study. *Brain imaging and behavior*, 18(1), 19.

Li J, et al. (2024) Disrupted topological organization of functional brain networks in traumatic axonal injury. *Brain imaging and behavior*, 18(2), 279.

Liu J, et al. (2024) Visual cortex repetitive transcranial magnetic stimulation (rTMS) reversing neurodevelopmental impairments in adolescents with major psychiatric disorders (MPDs): A cross-species translational study. *CNS neuroscience & therapeutics*, 30(3), e14427.

Wu Y, et al. (2024) Brain functional specialization and cooperation in Alzheimer's disease. *Brain and behavior*, 14(6), e3550.

Fang J, et al. (2024) Polygenic effects on brain functional endophenotype for deficit and non-deficit schizophrenia. *Schizophrenia (Heidelberg, Germany)*, 10(1), 18.