Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

NeuroImaging Tools and Resources Collaboratory (NITRC)

RRID:SCR_003430
Type: Tool

Proper Citation

NeuroImaging Tools and Resources Collaboratory (NITRC) (RRID:SCR_003430)

Resource Information

URL: http://www.nitrc.org/

Proper Citation: NeuroImaging Tools and Resources Collaboratory (NITRC) (RRID:SCR_003430)

Description: Software repository for comparing structural (MRI) and functional neuroimaging (fMRI, PET, EEG, MEG) software tools and resources. NITRC collects and points to standardized information about structural or functional neuroimaging tool or resource.

Abbreviations: NITRC

Synonyms: Neuroimaging Informatics Tools and Resources Clearinghouse, , NeuroImaging Tools and Resources Collaboratory, Neuroimaging Informatics Tools Resources Clearinghouse, NITRC - Neuroimaging Informatics Tools and Resources Clearinghouse, NITRC - Neuroimaging Informatics Tools Resources Clearinghouse

Resource Type: portal, software repository, data or information resource, service resource, software resource, community building portal, storage service resource, data repository

Defining Citation: PMID:26044860, PMID:18999128

Keywords: collaboration, information, resource, structural, functional, neuroimaging, MRI, fMRI, EEG, MEG, PET

Funding: NIH Blueprint for Neuroscience Research ;
NIMH ;
NIDA ;
NIBIB U24 EB023398;

NINDS R44 NS074540

Availability: Free, Freely available, Registration suggested

Resource Name: NeuroImaging Tools and Resources Collaboratory (NITRC)

Resource ID: SCR_003430

Alternate IDs: nif-0000-00202

Record Creation Time: 20220129T080218+0000

Record Last Update: 20250411T054848+0000

Ratings and Alerts

No rating or validation information has been found for NeuroImaging Tools and Resources Collaboratory (NITRC).

No alerts have been found for NeuroImaging Tools and Resources Collaboratory (NITRC).

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 299 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Tripathy K, et al. (2025) Multisensory naturalistic decoding with high-density diffuse optical tomography. Neurophotonics, 12(1), 015002.

Liu D, et al. (2025) Resting-state functional connectivity between the frontoparietal network and the default mode network is aberrantly increased in ankylosing spondylitis. BMC musculoskeletal disorders, 26(1), 80.

Ister R, et al. (2024) suMRak: a multi-tool solution for preclinical brain MRI data analysis. Frontiers in neuroinformatics, 18, 1358917.

Macarie AC, et al. (2024) Post-operative glioblastoma cancer cell distribution in the peritumoural oedema. Frontiers in oncology, 14, 1447010.

Tao Y, et al. (2024) Privacy-Preserving Visualization of Brain Functional Connectivity. bioRxiv : the preprint server for biology.

Jahanshad N, et al. (2024) Current best practices and future opportunities for reproducible findings using large-scale neuroimaging in psychiatry. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 50(1), 37.

Ashburn SM, et al. (2024) Activation and functional connectivity of cerebellum during reading and during arithmetic in children with combined reading and math disabilities. Frontiers in neuroscience, 18, 1135166.

Craven AR, et al. (2024) Linewidth-related bias in modelled concentration estimates from GABA-edited 1H-MRS. bioRxiv : the preprint server for biology.

Teghil A, et al. (2024) Brain connectivity patterns associated with individual differences in the access to experience-near personal semantics: a resting-state fMRI study. Cognitive, affective & behavioral neuroscience, 24(1), 87.

Rodríguez-Vidal L, et al. (2024) The functional connectivity of the human claustrum, according to the Human Connectome Project database. PloS one, 19(4), e0298349.

Wu L, et al. (2024) Glymphatic system dysfunction in recovered patients with mild COVID-19: A DTI-ALPS study. iScience, 27(1), 108647.

Stephen CD, et al. (2024) Rates of change of pons and middle cerebellar peduncle diameters are diagnostic of multiple system atrophy of the cerebellar type. Brain communications, 6(1), fcae019.

Qiu B, et al. (2024) Adaptive spatial-temporal neural network for ADHD identification using functional fMRI. Frontiers in neuroscience, 18, 1394234.

van Velzen LS, et al. (2024) Transdiagnostic alterations in white matter microstructure associated with suicidal thoughts and behaviours in the ENIGMA Suicidal Thoughts and Behaviours consortium. medRxiv : the preprint server for health sciences.

Abate F, et al. (2024) UNITY: A low-field magnetic resonance neuroimaging initiative to characterize neurodevelopment in low and middle-income settings. Developmental cognitive neuroscience, 69, 101397.

Li SS, et al. (2024) Electroacupuncture modulates abnormal brain connectivity after ischemia reperfusion injury in rats: A graph theory-based approach. Brain and behavior, 14(5), e3504.

Tekin A, et al. (2024) Volumetric and Asymmetric Index Analysis of Subcortical Structures in Multiple Sclerosis Patients: A Retrospective Study Using volBrain Software. Cureus, 16(3), e55799.

Tran HT, et al. (2024) Circulating tumor DNA and radiological tumor volume identify patients at risk for relapse with resected, early-stage non-small-cell lung cancer. Annals of oncology : official journal of the European Society for Medical Oncology, 35(2), 183.

Chai Y, et al. (2024) All-optical interrogation of brain-wide activity in freely swimming larval

zebrafish. iScience, 27(1), 108385.

Yuan X, et al. (2024) Microstructural alterations in white matter and related neurobiology based on the new clinical subtypes of Parkinson's disease. Frontiers in neuroscience, 18, 1439443.