Resource Summary Report

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

Defining Citation: PMID:26044860, PMID:18999128

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

Funding: NIBIB U24 EB023398;
NIDA ;
NIH Blueprint for Neuroscience Research ;
NIMH ;
NINDS R44 NS074540

Availability: Free, Freely available

Resource Name: NeuroImaging Tools and Resources Collaboratory (NITRC)

Resource ID: SCR_003430

Alternate IDs: nif-0000-00202, r3d100010784, r3d100011515

Alternate URLs: https://doi.org/10.17616/R3W32N

Record Creation Time: 20220129T080218+0000

Record Last Update: 20260917T054335+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 374 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Samuel N, et al. (2026) Data-driven probabilistic mapping of the spatial and molecular landscape of glioma. Brain communications, 8(1), fcaf459.

Li Z, et al. (2026) Multimodal evidence for hippocampal engagement and modulation by functional connectivity-guided parietal TMS. Nature communications, 17(1).

Sanchez DL, et al. (2026) Normalization method for relative cerebral blood flow influences sex and cognitive status effects in nondemented older adults. Brain imaging and behavior, 20(4).

Liguore WA, et al. (2026) Aging macaques bridge the translational gap in perivascular space biology. bioRxiv : the preprint server for biology.

Or PSK, et al. (2026) Frequency-Dependent Diffusion-Relaxation Distribution MRI: Scan-Rescan Reproducibility Ex??Vivo and Caveats. NMR in biomedicine, 39(2), e70213.

Caramia F, et al. (2026) Multimodal MRI of episodic cluster headache reveals frontal cortical alterations and network-level connectivity changes. The journal of headache and pain, 27(1).

David I, et al. (2026) Distance- and hierarchy-dependent functional dysconnectivity in schizophrenia and its association with cortical microstructure. NeuroImage. Clinical, 49,

103958.

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

Gozdas E, et al. (2026) Functional connectivity patterns as an early indicator of later very early preterm outcomes. Developmental cognitive neuroscience, 79, 101711.

Arani AHG, et al. (2026) A novel spatiotemporal decomposition and identification of sparse equations for human brain deformation. Scientific reports, 16(1).

Jin L, et al. (2026) The onco-functional reorganization of language network underlying metaplasticity induced by gliomas. Frontiers in oncology, 16, 1850713.

Cheng J, et al. (2026) Recent Advancements of Transcranial Direct Current Stimulation and Machine Learning: Methods, Challenges, and Opportunities. Transactions on artificial intelligence, 2(1), 54.

Zou Q, et al. (2026) Validation of an AI model for pediatric myelin maturation age assessment and benefits for junior radiologists. BMC medical imaging, 26(1).

Warren A, et al. (2026) An ENIGMA Consortium study of the relationship between white matter microstructure and positive and negative symptom severity in patients with schizophrenia. Schizophrenia (Heidelberg, Germany), 12(1).

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.

Bunker LD, et al. (2025) Discourse Measures From the Modern Cookie Theft Picture Description Are Sensitive to Mild Communication Deficits Not Captured by the Western Aphasia Battery-Revised Aphasia Quotient. American journal of speech-language pathology, 34(3), 1100.

Blini E, et al. (2025) Susceptibility to multitasking in stroke is associated to multiple-demand system damage and leads to lateralized visuospatial deficits. Communications biology, 8(1), 734.

Zhu AH, et al. (2025) Lifespan reference curves for harmonizing multi-site regional brain white matter metrics from diffusion MRI. Scientific data, 12(1), 748.

Or PSK, et al. (2025) Ex vivo massively multidimensional diffusion-relaxation correlation MRI: scan-rescan reproducibility and caveats. bioRxiv : the preprint server for biology.

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