

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/>

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

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

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: 20260803T040341+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 338 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

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

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

Garrisi K, et al. (2025) Early Exposure to Deprivation or Threat Moderates Expected Associations Between Neural Structure and Age in Adolescent Girls. Child maltreatment, 30(4), 623.

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.

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

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.

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.

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.

Cocking DJ, et al. (2025) Advancing Deuterium MRI to Track Human Cerebral Glucose Metabolism at 7 T: A Comparison of Glucose-d2 and Glucose-d7 Ingestion. *NMR in biomedicine*, 38(12), e70169.

Sendi M, et al. (2025) Dynamic Brain Age Modeling Identifies Network-Specific Cognitive Deficits in Schizophrenia. *Research square*.

Hoyt D, et al. (2025) Brain and intracranial volumes are both enlarged and serve as potential risk factors in normal pressure hydrocephalus. *Scientific reports*, 15(1), 8131.

Adeyemi OF, et al. (2025) Hippocampal Subfield Volume in Relation to Cerebrospinal Fluid Amyloid- β in Early Alzheimer's Disease: Diagnostic Utility of 7T MRI. *European journal of neurology*, 32(2), e70076.

Bodnár AL, et al. (2025) Abnormal arteriolar blood volume measured by 3D inflow-based vascular-space-occupancy (iVASO) MRI and resting-state BOLD fluctuations at 7 T in individuals with recent-onset schizophrenia. *Psychoradiology*, 5, kkaf001.

Setogawa S, et al. (2025) Acquisition of auditory discrimination mediated by different processes through two distinct circuits linked to the lateral striatum. *eLife*, 13.

Luu MSK, et al. (2025) A Structured Review and Quantitative Profiling of Public Brain MRI Datasets for Foundation Model Development. *Journal of imaging*, 11(12).

Massey N, et al. (2025) Mitigating organophosphate nerve agent, soman (GD), induced long-term neurotoxicity: Saracatinib, a Src Tyrosine Kinase inhibitor, as a potential countermeasure. *Journal of neuroinflammation*, 22(1), 199.

Rorden C, et al. (2025) From MRICro to MRICron: The evolution of neuroimaging visualization tools. *Neuropsychologia*, 207, 109067.

Qin H, et al. (2025) Interpretable machine learning approaches for children's ADHD detection using clinical assessment data: an online web application deployment. *BMC psychiatry*, 25(1), 139.

Sudo Y, et al. (2025) A multicenter cross-sectional study to elucidate altered resting-state functional connectivity of the insular cortex in anorexia nervosa, segmented by functional localization. *Scientific reports*, 15(1), 19118.

Varga A, et al. (2025) Temporal changes and implications of diffusion tensor imaging metrics and cerebral white matter volume in patients undergoing carotid endarterectomy - a prospective study. *Neuroradiology*, 67(4), 943.