Neuroimaging Informatics Technology Initiative

RRID:SCR_003141
Type: Tool

Proper Citation

Neuroimaging Informatics Technology Initiative (RRID:SCR_003141)

Resource Information

URL: http://nifti.nimh.nih.gov/

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Description: Coordinated and targeted service, training, and research to speed the development and enhance the utility of informatics tools related to neuroimaging. The initial focus will be on tools that are used in fMRI. If NIfTI proves useful in addressing informatics issues in the fMRI research community, it may be expanded to address similar issues in other areas of neuroimaging. Objectives of NIfTI * Enhancement of existing informatics tools used widely in neuroimaging research * Dissemination of neuroimaging informatics tools and information about them * Community-based approaches to solving common problems, such as lack of interoperability of tools and data * Unique training activities and research career development opportunities to those in the tool-user and tool-developer communities * Research and development of the next generation of neuroimaging informatics tools

Abbreviations: NIfTI

Synonyms: NIfTI: Neuroimaging Informatics Technology Initiative, Neuroimaging Informatics Technology Initiative (NIfTI)

Resource Type: training resource, knowledge environment

Keywords: neuroimaging, neuroinformatics, technology, service, training, research, mri, fmri, software, algorithm or reusable library, c, computed tomography, developers, information resource, java, matlab, magnetic resonance, nifti, other information resource, pet, spect, software

Funding Agency: NIH Blueprint for Neuroscience Research, NIMH, NINDS
**Resource Name:** Neuroimaging Informatics Technology Initiative

**Resource ID:** SCR_003141

**Alternate IDs:** nif-0000-00561

**Alternate URLs:** http://www.nitrc.org/projects/nifti

**Old URLs:** http://www.bic.mni.mcgill.ca/nifti/

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### Ratings and Alerts


No alerts have been found for Neuroimaging Informatics Technology Initiative.

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### Data and Source Information

**Source:** SciCrunch Registry

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### Usage and Citation Metrics

We found 180 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](http://www.fdi-lab.org).

Wulms N, et al. (2024) Cerebral MRI in a prospective cohort study on depression and atherosclerosis: the BiDirect sample, processing pipelines, and analysis tools. European radiology experimental, 8(1), 16.


Otsuka S, et al. (2024) Relationship between physical activity and cerebral white matter

Rühling S, et al. (2024) Sex differences and age-related changes in vertebral body volume and volumetric bone mineral density at the thoracolumbar spine using opportunistic QCT. Frontiers in endocrinology, 15, 1352048.


Wahid KA, et al. (2023) Large scale crowdsourced radiotherapy segmentations across a variety of cancer anatomic sites. Scientific data, 10(1), 161.