Resource Summary Report

Generated by NIF on Apr 21, 2025

Open Access Series of Imaging Studies

RRID:SCR_007385
Type: Tool

Proper Citation

Open Access Series of Imaging Studies (RRID:SCR_007385)

Resource Information

URL: http://www.oasis-brains.org/

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Description: Project aimed at making neuroimaging data sets of brain freely available to scientific community. By compiling and freely distributing neuroimaging data sets, future discoveries in basic and clinical neuroscience are facilitated.

Abbreviations: OASIS

Synonyms: The Open Access Series of Imaging Studies, Open Access Series of Imaging Studies, OASIS

Resource Type: database, data or information resource

Keywords: early, stage, alzheimer, disease, mri, fmri, image, brain, dicom, magnetic, resonance, collection, data, FASEB list

Related Condition: Alzheimer's disease, Dementia, Normal, Nondemented, Aging

Funding: NIA P50 AG05681;
NIA P01 AG03991;
NIA R01 AG021910;
NIMH P50 MH071616;
NCRR U24 RR021382;
NIMH R01 MH56584

Availability: Free, Acknowledgement required

Resource Name: Open Access Series of Imaging Studies

Resource ID: SCR_007385

Alternate IDs: nif-0000-00387

Alternate URLs: http://www.nitrc.org/projects/oasis

Record Creation Time: 20220129T080241+0000

Record Last Update: 20250420T015550+0000

Ratings and Alerts

No rating or validation information has been found for Open Access Series of Imaging Studies.

No alerts have been found for Open Access Series of Imaging Studies.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 271 mentions in open access literature.

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

Liu Y, et al. (2025) Enhancing unsupervised learning in medical image registration through scale-aware context aggregation. iScience, 28(2), 111734.

Barisano G, et al. (2025) Robust, fully-automated assessment of cerebral perivascular spaces and white matter lesions: a multicentre MRI longitudinal study of their evolution and association with risk of dementia and accelerated brain atrophy. EBioMedicine, 111, 105523.

Cheong RCT, et al. (2024) Enhancing paranasal sinus disease detection with AutoML: efficient AI development and evaluation via magnetic resonance imaging. European archives of oto-rhino-laryngology : official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS) : affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery, 281(4), 2153.

Romascano D, et al. (2024) Cortical thickness and grey-matter volume anomaly detection in individual MRI scans: Comparison of two methods. NeuroImage. Clinical, 43, 103624.

Wong PC, et al. (2024) Exceptional performance with minimal data using a generative

adversarial network for alzheimer's disease classification. Scientific reports, 14(1), 17037.

Xia H, et al. (2024) A multi-cohort study of the hippocampal radiomics model and its associated biological changes in Alzheimer's Disease. Translational psychiatry, 14(1), 111.

Cao T, et al. (2024) Mode-based morphometry: A multiscale approach to mapping human neuroanatomy. Human brain mapping, 45(4), e26640.

Ahmad AL, et al. (2024) A machine learning approach for identifying anatomical biomarkers of early mild cognitive impairment. PeerJ, 12, e18490.

Wagstyl K, et al. (2024) Transcriptional cartography integrates multiscale biology of the human cortex. eLife, 12.

Doering E, et al. (2024) MRI or 18F-FDG PET for Brain Age Gap Estimation: Links to Cognition, Pathology, and Alzheimer Disease Progression. Journal of nuclear medicine : official publication, Society of Nuclear Medicine, 65(1), 147.

Francis SB, et al. (2024) Deep CNN ResNet-18 based model with attention and transfer learning for Alzheimer's disease detection. Frontiers in neuroinformatics, 18, 1507217.

Zhang C, et al. (2024) Cross-dataset Evaluation of Dementia Longitudinal Progression Prediction Models. medRxiv : the preprint server for health sciences.

Beheshti I, et al. (2024) Differences in brain aging between sexes in Parkinson's disease. NPJ Parkinson's disease, 10(1), 35.

Cabrera-León Y, et al. (2024) Neural Computation-Based Methods for the Early Diagnosis and Prognosis of Alzheimer's Disease Not Using Neuroimaging Biomarkers: A Systematic Review. Journal of Alzheimer's disease : JAD, 98(3), 793.

Lu H, et al. (2024) MRI-informed machine learning-driven brain age models for classifying mild cognitive impairment converters. Journal of central nervous system disease, 16, 11795735241266556.

Beheshti I, et al. (2024) Neuroanatomical Signature of the Transition from Normal Cognition to MCI in Parkinson's Disease. Aging and disease, 16(1), 619.

Attyé A, et al. (2024) Data-driven normative values based on generative manifold learning for quantitative MRI. Scientific reports, 14(1), 7563.

Khalilullah KMI, et al. (2024) Parallel Multilink Group Joint ICA: Fusion of 3D Structural and 4D Functional Data Across Multiple Resting fMRI Networks. bioRxiv : the preprint server for biology.

Shaffi N, et al. (2024) Ensemble of vision transformer architectures for efficient Alzheimer's Disease classification. Brain informatics, 11(1), 25.

Guo B, et al. (2024) Self-supervised learning for accurately modelling hierarchical evolutionary patterns of cerebrovasculature. Nature communications, 15(1), 9235.