

Resource Summary Report

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brain-development.org

RRID:SCR_005838

Type: Tool

Proper Citation

brain-development.org (RRID:SCR_005838)

Resource Information

URL: <http://brain-development.org/>

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Description: brain-development.org hosts data and resources used in computational analysis of brain development, including MRI data sets of developing human, software tools, atlases, protocols and software. Several different atlas datasets are available including: * Adult * Pediatric * Neonatal (T2 Templates, Probability Maps) * Neonatal (High-definition, T1 and T2 Templates, Probability Maps) * Fetal (High-definition, T2 Templates, Probability Maps) * Atlas software Anatomical segmentation protocols are available, as well as an Image Registration Toolkit.

Abbreviations: brain-development.org

Synonyms: brain-development.org at imperial college

Resource Type: atlas, data or information resource, data processing software, data set, image analysis software, portal, registration software, software application, software resource

Keywords: atlas, data set, software tool, computational analysis, brain development, mri, data set, developing human, protocol, atlas software, adult, pediatric, neonatal, fetal, t1, t2, probability map, brain, image

Resource Name: brain-development.org

Resource ID: SCR_005838

Alternate IDs: nlx_149359

Record Creation Time: 20220129T080232+0000

Record Last Update: 20260905T132542+0000

Ratings and Alerts

No rating or validation information has been found for brain-development.org.

No alerts have been found for brain-development.org.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 163 mentions in open access literature.

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

Krohn S, et al. (2026) Fractal analysis of brain shape formation predicts age and genetic similarity in human newborns. *Nature neuroscience*, 29(1), 171.

Niu X, et al. (2026) Evaluation of regularization factor and attenuation correction method of Q.Clear reconstruction for brain PET/MR in epileptic patients. *EJNMMI physics*, 13(1).

Camacho M, et al. (2026) Constipation Is Linked to Neuroinflammation in Early Parkinson's Disease. *Movement disorders : official journal of the Movement Disorder Society*, 41(2), 455.

Selitser M, et al. (2026) The role of metabolic health in neurostructural and cognitive alterations in bipolar disorders. *Psychological medicine*, 56, e197.

Malpetti M, et al. (2025) Blood inflammation relates to neuroinflammation and survival in frontotemporal lobar degeneration. *Brain : a journal of neurology*, 148(2), 493.

Plini ERG, et al. (2025) Meditation Linked to Enhanced MRI Signal Intensity in the Pineal Gland and Reduced Predicted Brain Age. *Journal of pineal research*, 77(2), e70033.

Coupé P, et al. (2025) Lifespan Tree of Brain Anatomy: Diagnostic Values for Motor and Cognitive Neurodegenerative Diseases. *Human brain mapping*, 46(13), e70336.

Kouli A, et al. (2024) Neuroinflammation is linked to dementia risk in Parkinson's disease. *Brain : a journal of neurology*, 147(3), 923.

Nguyen HD, et al. (2024) Brain structure ages-A new biomarker for multi-disease classification. *Human brain mapping*, 45(1), e26558.

Haaf R, et al. (2024) Peripheral oxytocin levels are linked to hypothalamic gray matter volume in autistic adults: a cross-sectional secondary data analysis. *Scientific reports*, 14(1), 1380.

Finkelstein O, et al. (2024) Deep learning-based BMI inference from structural brain MRI reflects brain alterations following lifestyle intervention. *Human brain mapping*, 45(3), e26595.

Mekki L, et al. (2024) Deep learning segmentation of organs-at-risk with integration into clinical workflow for pediatric brain radiotherapy. *Journal of applied clinical medical physics*, 25(3), e14310.

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

Plini ER, et al. (2024) Meditation Experience is Associated with Increased Structural Integrity of the Pineal Gland and greater total Grey Matter maintenance. *medRxiv : the preprint server for health sciences*.

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

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.

de Nys CM, et al. (2024) Time-of-Flight MRA of Intracranial Aneurysms with Interval Surveillance, Clinical Segmentation and Annotations. *Scientific data*, 11(1), 555.

Planche V, et al. (2024) Staging of progressive supranuclear palsy-Richardson syndrome using MRI brain charts for the human lifespan. *Brain communications*, 6(2), fcae055.

Jockwitz C, et al. (2024) Differential predictability of cognitive profiles from brain structure in older males and females. *GeroScience*, 46(2), 1713.

Tose K, et al. (2024) Systematic reduction of gray matter volume in anorexia nervosa, but relative enlargement with clinical symptoms in the prefrontal and posterior insular cortices: a multicenter neuroimaging study. *Molecular psychiatry*, 29(4), 891.