

Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

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

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: 20260729T044121+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 153 mentions in open access literature.

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

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

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.

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

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.

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.

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.

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

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.

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.

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.

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*.

Steinbart D, et al. (2023) Automatic and manual segmentation of the piriform cortex: Method development and validation in patients with temporal lobe epilepsy and Alzheimer's disease. *Human brain mapping*, 44(8), 3196.

Coupé P, et al. (2023) Lifespan Neurodegeneration Of The Human Brain In Multiple Sclerosis. *bioRxiv : the preprint server for biology*.

Jockwitz C, et al. (2023) Characterization of the angular gyrus in an older adult population: a multimodal multilevel approach. *Brain structure & function*, 228(1), 83.

Coupé P, et al. (2023) Lifespan neurodegeneration of the human brain in multiple sclerosis. *Human brain mapping*, 44(17), 5602.

Holland N, et al. (2023) Longitudinal Synaptic Loss in Primary Tauopathies: An In Vivo [11 C]UCB-J Positron Emission Tomography Study. *Movement disorders : official journal of the Movement Disorder Society*, 38(7), 1316.