Resource Summary Report

Generated by NIF on Apr 21, 2025

BRAINSTools

RRID:SCR_006618
Type: Tool

Proper Citation

BRAINSTools (RRID:SCR_006618)

Resource Information

URL: http://brainsia.github.io/BRAINSTools/

Proper Citation: BRAINSTools (RRID:SCR_006618)

Description: Medical image processing software suite for brain analysis.

Abbreviations: BRAINS

Synonyms: Brain Research - Analysis of Images Networks and Systems

Resource Type: software resource, software application, data processing software, image analysis software

Keywords: image processing, brain analysis, source code

Funding:

Availability: Available for download

Resource Name: BRAINSTools

Resource ID: SCR_006618

Alternate IDs: nlx_155696

Alternate URLs: https://github.com/BRAINSia/BRAINSTools https://github.com/BRAINSia/BRAINSTools/wiki

License: BRAINS License

Record Creation Time: 20220129T080237+0000

Record Last Update: 20250421T053556+0000

Ratings and Alerts

No rating or validation information has been found for BRAINSTools.

No alerts have been found for BRAINSTools.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Ranjan R, et al. (2024) Multidimensional Approach of Genotype and Phenotype in Stroke Etiology: The MAGPIE Study. Health science reports, 7(12), e70227.

Faris MM, et al. (2024) Unmet needs in people with high-grade glioma: defining criteria for stepped care intervention. JNCI cancer spectrum, 8(4).

Ogunsola FT, et al. (2023) Achieving a robust mentoring and research capacity program in a LMIC - the BRAINS faculty development model. BMC medical education, 23(1), 522.

Knoernschild K, et al. (2023) Magnetic resonance brain volumetry biomarkers of CLN2 Batten disease identified with miniswine model. Scientific reports, 13(1), 5146.

Pilipenko P, et al. (2022) Randomised, double-blind, placebo-controlled study investigating Safety and efficAcy of MLC901 in post-traUmatic bRAin Injury: the SAMURAI study protocol. BMJ open, 12(4), e059167.

Ajmera DH, et al. (2022) Three-dimensional assessment of facial asymmetry in Class III subjects. Part 1: a retrospective study evaluating postsurgical outcomes. Clinical oral investigations, 26(7), 4947.

Reasoner EE, et al. (2022) Behavioral features in child and adolescent huntingtin gene-mutation carriers. Brain and behavior, 12(7), e2630.

Yu JH, et al. (2021) Sarcopenia is associated with decreased gray matter volume in the parietal lobe: a longitudinal cohort study. BMC geriatrics, 21(1), 622.

Hwang S, et al. (2021) Cerebellar White Matter Abnormalities in Charcot-Marie-Tooth Disease: A Combined Volumetry and Diffusion Tensor Imaging Analysis. Journal of clinical medicine, 10(21).

Jorge L, et al. (2020) The Retinal Inner Plexiform Synaptic Layer Mirrors Grey Matter Thickness of Primary Visual Cortex with Increased Amyloid ? Load in Early Alzheimer's Disease. Neural plasticity, 2020, 8826087.

Long JD, et al. (2018) Genetic Modification of Huntington Disease Acts Early in the Prediagnosis Phase. American journal of human genetics, 103(3), 349.

Milne NT, et al. (2018) Hippocampal atrophy, asymmetry, and cognition in type 2 diabetes mellitus. Brain and behavior, 8(1), e00741.

Sun Z, et al. (2018) FoxO6 regulates Hippo signaling and growth of the craniofacial complex. PLoS genetics, 14(10), e1007675.

O'Donnell LJ, et al. (2017) Automated white matter fiber tract identification in patients with brain tumors. NeuroImage. Clinical, 13, 138.

Brumbaugh JE, et al. (2016) Altered brain function, structure, and developmental trajectory in children born late preterm. Pediatric research, 80(2), 197.

Margherio C, et al. (2016) Learning to Thrive: Building Diverse Scientists' Access to Community and Resources through the BRAINS Program. CBE life sciences education, 15(3).

Dees G, et al. (2016) A Proposed Method for Accurate 3D Analysis of Cochlear Implant Migration Using Fusion of Cone Beam CT. Frontiers in surgery, 3, 2.

Kim RE, et al. (2015) Preliminary analysis using multi-atlas labeling algorithms for tracing longitudinal change. Frontiers in neuroscience, 9, 242.

Kilarski LL, et al. (2014) Meta-analysis in more than 17,900 cases of ischemic stroke reveals a novel association at 12q24.12. Neurology, 83(8), 678.

Russell MJ, et al. (2013) Individual differences in transcranial electrical stimulation current density. Journal of biomedical research, 27(6), 495.