Resource Summary Report

Generated by dkNET on Apr 24, 2025

BRAIN

RRID:SCR_003018
Type: Tool

Proper Citation

BRAIN (RRID:SCR_003018)

Resource Information

URL: http://bioconductor.org/packages/release/bioc/html/BRAIN.html

Proper Citation: BRAIN (RRID:SCR_003018)

Description: Software package for calculating aggregated isotopic distribution and exact center-masses for chemical substances (in this version composed of C, H, N, O and S).

Synonyms: Baffling Recursive Algorithm for Isotopic distributioN calculations, Baffling Recursive Algorithm for Isotope distributioN

Resource Type: software resource

Defining Citation: PMID:23350948

Keywords: standalone software, mac os x, unix/linux, windows, r, mass spectrometry, proteomics, bio.tools

Funding:

Availability: GNU General Public License, v2

Resource Name: BRAIN

Resource ID: SCR_003018

Alternate IDs: biotools:brain, OMICS_02410

Alternate URLs: https://bio.tools/brain

Record Creation Time: 20220129T080216+0000

Record Last Update: 20250420T014133+0000

Ratings and Alerts

No rating or validation information has been found for BRAIN.

No alerts have been found for BRAIN.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Adoncecchi G, et al. (2025) Comparison of Outcomes of Haploidentical Peripheral Blood Stem Cell Transplantation with Post-Transplant Cyclophosphamide in Older Versus Younger Patients. Cancers, 17(2).

Costa MR, et al. (2024) Switch of innate to adaptative immune responses in the brain of patients with Alzheimer's disease correlates with tauopathy progression. npj aging, 10(1), 19.

Mercuri AM, et al. (2024) BRAIN - Holocene archaeo-data for assessing plant-cultural diversity in Italy and other Mediterranean regions. Scientific data, 11(1), 520.

Kalhor K, et al. (2024) Mapping human tissues with highly multiplexed RNA in situ hybridization. Nature communications, 15(1), 2511.

Ollen-Bittle N, et al. (2024) Co-registration of MALDI-MSI and histology demonstrates gangliosides co-localize with amyloid beta plaques in Alzheimer's disease. Research square.

Ben-Simon Y, et al. (2024) A suite of enhancer AAVs and transgenic mouse lines for genetic access to cortical cell types. bioRxiv : the preprint server for biology.

Lazarov O, et al. (2024) A roadmap to human hippocampal neurogenesis in adulthood, aging and AD. Research square.

Gabitto MI, et al. (2024) Integrated multimodal cell atlas of Alzheimer's disease. Nature neuroscience, 27(12), 2366.

Erickson MA, et al. (2024) Data-independent acquisition proteomic analysis of the brain microvasculature in Alzheimer's disease identifies major pathways of dysfunction and upregulation of cytoprotective responses. Fluids and barriers of the CNS, 21(1), 84.

Strach M, et al. (2023) Protein secretion zones during overexpression of amylase within the Gram-positive cell wall. BMC biology, 21(1), 206.

Niere F, et al. (2023) Aberrant DJ-1 expression underlies L-type calcium channel hypoactivity in dendrites in tuberous sclerosis complex and Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 120(45), e2301534120.

Esposito S, et al. (2023) Identifying brain tumor patients' subtypes based on pre-diagnostic history and clinical characteristics: a pilot hierarchical clustering and association analysis. Frontiers in oncology, 13, 1276253.

Gallo V, et al. (2022) Concussion and long-term cognitive function among rugby players-The BRAIN Study. Alzheimer's & dementia : the journal of the Alzheimer's Association, 18(6), 1164.

van der Plas MCE, et al. (2022) Validation of the estimation of the macrovascular contribution in multi-timepoint arterial spin labeling MRI using a 2-component kinetic model. Magnetic resonance in medicine, 87(1), 85.

Pelsser L, et al. (2022) Physical Complaints Decrease after Following a Few-Foods Diet in Children with ADHD. Nutrients, 14(15).

Zhou F, et al. (2021) Factors Associated with Cranial Nerve Injury after Radiotherapy for Large Brain Metastases. Journal of healthcare engineering, 2021, 1159145.

Zhang R, et al. (2021) GlycoHybridSeq: Automated Identification of N-Linked Glycopeptides Using Electron Transfer/High-Energy Collision Dissociation (EThcD). Journal of proteome research, 20(6), 3345.

Lee CS, et al. (2021) Application of deep learning to understand resilience to Alzheimer's disease pathology. Brain pathology (Zurich, Switzerland), 31(6), e12974.

James L, et al. (2021) The BRAIN-Q, a tool for assessing self-reported sport-related concussions for epidemiological studies. Epidemiology and health, 43, e2021086.

Hontelez S, et al. (2021) Correlation between brain function and ADHD symptom changes in children with ADHD following a few-foods diet: an open-label intervention trial. Scientific reports, 11(1), 22205.