Resource Summary Report

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CBFBIRN

RRID:SCR_009543
Type: Tool

Proper Citation

CBFBIRN (RRID:SCR_009543)

Resource Information

URL: http://cbfbirn.ucsd.edu/

Proper Citation: CBFBIRN (RRID:SCR_009543)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented August 23, 2017.

A web based central repository for individual and group analysis of Arterial Spin Labeling (ASL) data sets and ASL pulse sequences developed at CMFRI UCSD for MRI researchers. This resource currently hosts more 1300 ASL data sets from 22 projects and consists of mainly two main tools 1) The Cerebral Blood Flow Database and Analysis Pipeline (CBFDAP) is a web enabled data and workflow management system extended from the HID codebase on NITRC specialized for Arterial Spin Labeling data management and analysis (including group analysis) in a centralized manner. 2) Pulse Sequence Distribution System (PSDS) for managing dissamination of ASL pulse sequences developed at the UCSD CFMRI. This resource also includes web and video tutorials for end users.

Abbreviations: CBFBIRN

Synonyms: Cerebral Blood Flow Biomedical Informatics Research Network

Resource Type: data repository, storage service resource, data set, service resource, data or information resource

Defining Citation: PMID:24151465

Keywords: java, javascript, matlab, magnetic resonance, os independent, web environment, arterial spin labeling, mri

Funding: NIH

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: CBFBIRN

Resource ID: SCR_009543

Alternate IDs: nlx_155722

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

Record Creation Time: 20220129T080253+0000

Record Last Update: 20250420T014454+0000

Ratings and Alerts

No rating or validation information has been found for CBFBIRN.

No alerts have been found for CBFBIRN.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Hays Weeks CC, et al. (2023) The Independent Walking for Brain Health Intervention for Older Adults: Protocol for a Pilot Randomized Controlled Trial. JMIR research protocols, 12, e42980.

Msayib Y, et al. (2020) Robust estimation of quantitative perfusion from multi-phase pseudo-continuous arterial spin labeling. Magnetic resonance in medicine, 83(3), 815.

Clark AL, et al. (2017) Dynamic association between perfusion and white matter integrity across time since injury in Veterans with history of TBI. NeuroImage. Clinical, 14, 308.