

Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

Charged Fluid Model for Brain Image Segmentation

RRID:SCR_008281

Type: Tool

Proper Citation

Charged Fluid Model for Brain Image Segmentation (RRID:SCR_008281)

Resource Information

URL: <http://loni.usc.edu/Software/CFMBIS>

Proper Citation: Charged Fluid Model for Brain Image Segmentation (RRID:SCR_008281)

Description: A computer-aided tool for 2-D brain image segmentation using an electrostatic charged fluid model. It allows researchers to perform 2-D image segmentation in brain MR image data. Each interactive visualization element corresponding to the embedded function enables the end user to easily manipulate the image data. The visual environment of this tool provides an easy-to-use means of inspection and interpretation of image data using the LONI jViewbox library. CFMBIS uses the Java Image I/O plug-in architecture to read a wide variety of common medical image file formats.

Abbreviations: CFMBIS

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

Keywords: plugin, software, 2D image, brain image segmentation, brain MR image, image analysis, segmentation

Funding: NIBIB 9P41EB015922-15;
NCRR 2-P41-RR-013642-15;
NCRR U54 RR021813

Availability: Available for educational and research purposes only

Resource Name: Charged Fluid Model for Brain Image Segmentation

Resource ID: SCR_008281

Alternate IDs: nif-0000-23325

License: <http://loni.usc.edu/Software/license.php>

License URLs: <http://loni.usc.edu/Software/termsofuse.php>

Record Creation Time: 20220129T080246+0000

Record Last Update: 20260821T193840+0000

Ratings and Alerts

No rating or validation information has been found for Charged Fluid Model for Brain Image Segmentation.

No alerts have been found for Charged Fluid Model for Brain Image Segmentation.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.