Resource Summary Report

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MARS (Multi-Atlas Robust Segmentation)

RRID:SCR_014137
Type: Tool

Proper Citation

MARS (Multi-Atlas Robust Segmentation) (RRID:SCR_014137)

Resource Information

URL: http://www.nitrc.org/projects/mars/

Proper Citation: MARS (Multi-Atlas Robust Segmentation) (RRID:SCR_014137)

Description: Software which provides the automatic solutions for efficent segmentation/labeling anatomcial structures from medical images. It has integrated several multi-atlas based segmentation methods such as majority voting, local weighted voting, and non-local patch based segmentation methods.

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

Defining Citation: PMID:24315359

Keywords: segmentation software, anatomical structure, label, multi atlas

Funding:

Availability: Available to the research community

Resource Name: MARS (Multi-Atlas Robust Segmentation)

Resource ID: SCR_014137

License: GNU General Public License

Record Creation Time: 20220129T080319+0000

Record Last Update: 20250509T060053+0000

Ratings and Alerts

No rating or validation information has been found for MARS (Multi-Atlas Robust Segmentation).

No alerts have been found for MARS (Multi-Atlas Robust Segmentation).

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Repaji? M, et al. (2021) Bioactive Compounds in Wild Nettle (Urtica dioica L.) Leaves and Stalks: Polyphenols and Pigments upon Seasonal and Habitat Variations. Foods (Basel, Switzerland), 10(1).

Lamiré LA, et al. (2020) Gradient in cytoplasmic pressure in germline cells controls overlying epithelial cell morphogenesis. PLoS biology, 18(11), e3000940.

Pattanakuhar S, et al. (2020) N-acetylcysteine Restored Heart Rate Variability and Prevented Serious Adverse Events in Transfusion-dependent Thalassemia Patients: a Double-blind Single Center Randomized Controlled Trial. International journal of medical sciences, 17(9), 1147.

Elez Garofuli? I, et al. (2020) Evaluation of Polyphenolic Profile and Antioxidant Activity of Pistacia lentiscus L. Leaves and Fruit Extract Obtained by Optimized Microwave-Assisted Extraction. Foods (Basel, Switzerland), 9(11).

Wu G, et al. (2015) Hierarchical multi-atlas label fusion with multi-scale feature representation and label-specific patch partition. NeuroImage, 106, 34.