Mango

RRID:SCR_009603
Type: Tool

Proper Citation

Mango (RRID:SCR_009603)

Resource Information

URL: http://ric.uthscsa.edu/mango/

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Description: A viewer for medical research images that provides analysis tools and a user interface to navigate image volumes. There are three versions of Mango, each geared for a different platform: * Mango ? Desktop ? Mac OS X, Windows, and Linux * webMango ? Browser ? Safari, Firefox, Chrome, and Internet Explorer * iMango ? Mobile ? Apple iPad

Key Features: * Built-in support for DICOM, NIFTI, Analyze, and NEMA-DES formats * Customizable: Create plugins, custom filters, color tables, file formats, and atlases * ROI Editing: Threshold and component-based tools for painting and tracing ROIs * Surface Rendering: Interactive surface models supporting cut planes and overlays * Image Registration: Semi-automatic image coregistration and manual transform editing * Image Stacking: Threshold and transparency-based image overlay stacking * Analysis: Histogram, cross-section, time-series analysis, image and ROI statistics * Processing: Kernel and rank filtering, arithmetic/logic image and ROI calculators

Abbreviations: Mango

Synonyms: Multi-image Analysis GUI

Resource Type: data processing software, image processing software, data visualization software, image analysis software, software application, software resource
Keywords: analyze, atlas application, console (text based), dicom, gifti, java, linux, macos, microsoft, magnetic resonance, nifti, os independent, platform, posix/unix-like, quantification, region of interest, registration, rendering, segmentation, spatial transformation, statistical operation, sunos/solaris, surface analysis, temporal transformation, visualization, volumetric analysis, web environment, win32 (ms windows), windows, windows vista, windows xp

Funding Agency: NIBIB, NIBIB, NIMH

Availability: Free

Resource Name: Mango

Resource ID: SCR_009603

Alternate IDs: nlx_155804

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

Ratings and Alerts

- 4 / 5 (6 votes) Rated at NITRC http://www.nitrc.org/projects/mango

No alerts have been found for Mango.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 380 mentions in open access literature.

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

Saborirad S, et al. (2024) Optimizing the ultrasonic extraction of polyphenols from mango peel and investigating the characteristics, antioxidant activity and storage stability of extract nanocapsules in maltodextrin/whey protein isolate. Ultrasonics sonochemistry, 103, 106778.


Hildebrand L, et al. (2024) Transcranial Magnetic Stimulation of the Default Mode Network to Improve Sleep in Individuals With Insomnia Symptoms: Protocol for a Double-Blind Randomized Controlled Trial. JMIR research protocols, 13, e51212.


El-Shabasy RM, et al. (2024) Valorization potential of Egyptian mango kernel waste product as analyzed via GC/MS metabolites profiling from different cultivars and geographical origins. Scientific reports, 14(1), 2886.


Rogers HJ, et al. (2023) Test-retest repeatability of ADC in prostate using the multi b-Value VERDICT acquisition. European journal of radiology, 162, 110782.

Kim K, et al. (2023) A Novel Ethyl Formate Fumigation Strategy for Managing Yellow Tea
Thrips (Scirtothrips dorsalis) in Greenhouse Cultivated Mangoes and Post-Harvest Fruits. Insects, 14(6).


