Mango

RRID:SCR_009603
Type: Tool

Proper Citation

Mango (RRID:SCR_009603)

Resource Information

**URL:** [http://ric.uthscsa.edu/mango/](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

**Resource Type:** Resource, image analysis software, data processing software, software application, data visualization software, software resource, image processing software

**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

**Parent Organization:** University of Texas Health Science Center at San Antonio; Texas; USA
**Funding Agency:** NIBIB, NIMH

**Availability:** Free

**Website Status:** Last checked up

**Abbreviations:** Mango

**Resource Name:** Mango

**Resource ID:** SCR_009603

**Alternate IDs:** nlx_155804

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

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### Ratings and Alerts


No alerts have been found for Mango.

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### Data and Source Information

**Source:** [SciCrunch Registry](http://www.nitrc.org/projects/mango)

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### Usage and Citation Metrics

We found 251 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](http://www.nitrc.org/projects/mango).


Ranjith FH, et al. (2021) Effects of Lacto-Fermented Agricultural By-Products as a Natural Disinfectant against Post-Harvest Diseases of Mango (L.). Plants (Basel, Switzerland), 10(2).


