**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/)

**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:  
* 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

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**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
Resource ID: SCR_009603

Parent Organization: University of Texas Health Science Center at San Antonio; Texas; USA

Funding Agency: NIBIB, NIMH

Availability: Free

Website Status: Last checked up

Alternate IDs: nlx_155804

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

Abbreviations: Mango

Mentions Count: 174

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Ratings and Alerts

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

No alerts have been found for Mango.

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Data and Source Information

Source: SciCrunch Registry

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Usage and Citation Metrics

We found 174 mentions in open access literature.

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


Jin X, et al. (2019) Combination of and DV10 as Starter Culture to Produce Mango Slurry: Microbiological, Chemical Parameters and Antioxidant Activity. Molecules (Basel, Switzerland), 24(23).

Alañón ME, et al. (2019) Antiplatelet Activity of Natural Bioactive Extracts from Mango (L.) and its By-Products. Antioxidants (Basel, Switzerland), 8(11).

transcriptional regulation across human vascular endothelial cells. Epigenetics & chromatin, 12(1), 77.


