

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

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, data visualization software, image analysis software, image processing 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: NIBIB P01-EB01955;
NIBIB R01-EB015314-01a1;

NIMH R01-MH074457

Availability: Free

Resource Name: Mango

Resource ID: SCR_009603

Alternate IDs: nlx_155804

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

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260905T132635+0000

Ratings and Alerts

No rating or validation information has been found for Mango.

No alerts have been found for Mango.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 491 mentions in open access literature.

Listed below are recent publications. The full list is available at [Kravitz](#) .

Lee H, et al. (2026) Lateral habenula and periaqueductal gray neurons signal reward prediction error and continuity of reward expectancy to drive reward-seeking behavior. *Cell reports*, 45(2), 116907.

Silovs A, et al. (2026) Semi-Automated Neuromelanin-Sensitive MRI Reveals Substantia Nigra Volume Reduction in Early Parkinson's Disease with Moderate Diagnostic Performance. *Diagnostics (Basel, Switzerland)*, 16(7).

Demchenko I, et al. (2026) Subgenual anterior cingulate cortex in major depression: a systematic review and meta-analysis of MRI studies with patients and healthy controls. *Translational psychiatry*, 16(1).

Li Y, et al. (2026) AES-SDM meta-analysis of spontaneous brain activity in cerebral small vessel disease. *BMC medical imaging*, 26(1).

Shu Y, et al. (2026) A resting-state functional magnetic resonance imaging meta-analysis of differences in brain activity between children and adolescents with attention-deficit/hyperactivity disorder using activation likelihood estimation. *European child & adolescent psychiatry*, 35(4), 1133.

- Liu HY, et al. (2026) Accelerated brain ageing in migraine: a multilevel MRI-based brain-age modelling study. *Brain communications*, 8(2), fcag110.
- Wolff L, et al. (2026) Functional Neural Architecture of Working Memory in Musicians: An ALE Meta-Analysis and Review. *Wiley interdisciplinary reviews. Cognitive science*, 17(3), e70036.
- Rabbani H, et al. (2026) A modular and flexible pipeline for intraoperative electrode reconstruction and localization in patients with brain lesions. *Frontiers in neural circuits*, 20, 1814667.
- Zhou J, et al. (2026) Neural Correlates of Explicit Outcome Expectation Effects: An Activation Likelihood Estimation Meta-Analysis. *Human brain mapping*, 47(10), e70594.
- Wang Z, et al. (2026) Multidimensional mapping of stimulation-responsive regulatory elements and candidate causal variants in T cell activation. *Science advances*, 12(1), eady2539.
- Becktel DA, et al. (2026) 2-Hydroxypropyl- β -cyclodextrin accesses acute and subacute infarcts in a mouse model of ischemic stroke. *Fluids and barriers of the CNS*, 23(1).
- Behroozi M, et al. (2026) Neural correlates of appetitive extinction learning: an fMRI study with actively participating pigeons. *Scientific reports*, 16(1).
- Cai Y, et al. (2026) Automated Evans index measurement using deep learning in acute subarachnoid hemorrhage: reliability, agreement with experts, and association with external ventricular drainage. *Frontiers in neurology*, 17, 1786460.
- Müller C, et al. (2025) The Neuroanatomical Correlates of Dyspnea: An Activation Likelihood Estimation Meta-Analysis. *NeuroSci*, 6(2).
- Cera N, et al. (2025) Functional and Structural Alterations in Pediatric Multiple Sclerosis: A Systematic Review and a Preliminary Activation Likelihood Estimation Functional Magnetic Resonance Imaging Meta-Analysis. *Pediatric reports*, 17(3).
- Lacomba-Arnau E, et al. (2025) Structural Cerebellar and Lateral Frontoparietal Networks are altered in CUD: An SBM Analysis. *Addiction biology*, 30(3), e70021.
- Selim S, et al. (2025) Extraction of mango seed kernels via super fluid extraction and their anti-H. pylori, anti-ovarian and anti prostate cancer properties. *Scientific reports*, 15(1), 6359.
- Müller C, et al. (2025) The Neuroanatomical Correlates of Visceral Pain: An Activation Likelihood Estimation Meta-Analysis. *Brain sciences*, 15(6).
- Surani Z, et al. (2025) Examining the relationship between psychosocial adversity and inhibitory control: A functional magnetic resonance imaging study of children growing up in extreme poverty. *Journal of experimental child psychology*, 249, 106072.
- Dang A, et al. (2025) Spatial Dissociation of Atrophy and Hypophysiology in Alzheimer's Disease: Implications for Biomarkers. *Human brain mapping*, 46(16), e70402.