

Resource Summary Report

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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, software resource, image analysis software, software application, 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

Funding: NIBIB P01-EB01955;
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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: 20260731T042822+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 461 mentions in open access literature.

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

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.

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.

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.

Lacombe-Arnaud E, et al. (2025) Structural Cerebellar and Lateral Frontoparietal Networks are altered in CUD: An SBM Analysis. Addiction biology, 30(3), e70021.

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).

Müller C, et al. (2025) The Neuroanatomical Correlates of Visceral Pain: An Activation Likelihood Estimation Meta-Analysis. *Brain sciences*, 15(6).

İmrek-Ünver H, et al. (2025) Neural networks underlying magnitude perception: a specific meta-analysis of fMRI studies. *Cerebral cortex (New York, N.Y. : 1991)*, 35(7).

Dang A, et al. (2025) Spatial Dissociation of Atrophy and Hypophysis in Alzheimer's Disease: Implications for Biomarkers. *Human brain mapping*, 46(16), e70402.

Zhu Y, et al. (2025) Temporal Muscle Thickness as a New Biomarker: Its Association With Alzheimer Pathology and Cognitive Impairment in Chinese Adults. *Journal of cachexia, sarcopenia and muscle*, 16(4), e70030.

Lupinsky D, et al. (2025) Resting-state fMRI reveals altered functional connectivity associated with resilience and susceptibility to chronic social defeat stress in mouse brain. *Molecular psychiatry*, 30(7), 2943.

Dai H, et al. (2025) Accelerated brain aging in patients with major depressive disorder and its neurogenetic basis: evidence from neurotransmitters and gene expression profiles. *Psychological medicine*, 55, e71.

Demard EP, et al. (2025) Comparison of electroporation waveform libraries for *Nipaecoccus viridis* (Hemiptera: Pseudococcidae) using different tethering materials and monitor settings. *Journal of insect science (Online)*, 25(3).

Alptekin A, et al. (2025) Effects of low-intensity pulsed focal ultrasound-mediated delivery of endothelial progenitor-derived exosomes in tMCAo stroke. *Frontiers in neurology*, 16, 1543133.

Elia A, et al. (2025) Locating eloquent sites identified during brain tumor intraoperative mapping on reference MRI atlas. *Communications medicine*, 5(1), 161.

Yulug B, et al. (2025) Multi-omics characterization of improved cognitive functions in Parkinson's disease patients after the combined metabolic activator treatment: a randomized, double-blinded, placebo-controlled phase II trial. *Brain communications*, 7(1), fcae478.

Ren J, et al. (2025) Activation Likelihood Estimation Meta-Analysis of the Effects of Cognitive Behavioral Therapy on Brain Activation in the Treatment of Depression and Anxiety Disorders. *Depression and anxiety*, 2025, 3557367.

Rainio O, et al. (2025) Deep learning detects retropharyngeal edema on MRI in patients with acute neck infections. *European radiology experimental*, 9(1), 60.

Liang J, et al. (2025) Gray matter and cognitive alteration related to chronic obstructive pulmonary disease patients: combining ALE meta-analysis and MACM analysis. *Brain imaging and behavior*, 19(1), 204.

Li Z, et al. (2025) Neural mechanisms of behavioral addiction: An ALE meta-analysis and MACM analysis. *Journal of behavioral addictions*, 14(1), 18.