

Resource Summary Report

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GNU Image Manipulation Program

RRID:SCR_003182

Type: Tool

Proper Citation

GNU Image Manipulation Program (RRID:SCR_003182)

Resource Information

URL: <http://www.gimp.org>

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Description: A software application for such tasks as photo retouching, image composition and image authoring. It has many capabilities such as it can be used as a simple paint program, an expert quality photo retouching program, an online batch processing system, a mass production image renderer, an image format converter, etc. GIMP is expandable and extensible and designed to be augmented with plug-ins and extensions. The advanced scripting interface allows everything from the simplest task to the most complex image manipulation procedures to be easily scripted.

Abbreviations: GIMP

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

Defining Citation: [PMID:19457798](#)

Keywords: image analysis, image processing, digital image, free software, GIMP, image processing, open source software, Photoshop

Availability: Free, Available for download, Freely available

Resource Name: GNU Image Manipulation Program

Resource ID: SCR_003182

Alternate IDs: nif-0000-30615

License: GNU Free Documentation License

Record Creation Time: 20220129T080217+0000

Record Last Update: 20260821T193659+0000

Ratings and Alerts

No rating or validation information has been found for GNU Image Manipulation Program.

No alerts have been found for GNU Image Manipulation Program.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1747 mentions in open access literature.

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

Muhl-Richardson A, et al. (2026) Perceiving zebra rump stripes "through the eyes of" their predators: A study with human observers. *Perception*, 55(3), 280.

Ciach MA, et al. (2026) spatialstein: An Open-Source Workflow for Annotation, Deconvolution, and Spatially Aware Segmentation of Mass Spectrometry Imaging Data. *Analytical chemistry*, 98(1), 364.

Muthuraman S, et al. (2026) Sex-specific changes in the hippocampal proteome of Negr1-/- mice: insight into the mechanisms of neuropsychiatric disorders. *Biology of sex differences*, 17(1).

de Mendonça IP, et al. (2026) Prebiotics attenuate depressive-like behavior, neuroinflammation and synaptic plasticity in Parkinson's disease by modulating butyrate-producing gut bacteria. *Inflammopharmacology*, 34(4), 2735.

Chételat J, et al. (2026) The Athabasca River regulates methylmercury burdens of waterbirds breeding downstream. *Scientific reports*, 16(1), 5630.

Reyes-Maldonado R, et al. (2026) The neuromuscular system of *Chironomus vitellinus* (Diptera: Chironomidae). *PloS one*, 21(1), e0326394.

Witowski V, et al. (2026) Intramuscular tendon length in agonist-antagonist myoneural interface components in transtibial amputation: An anatomic study. *Journal of anatomy*, 248(4), 644.

Rossoni S, et al. (2026) Predation via motion parallax in one of two gleaner insects. *The Journal of experimental biology*, 229(6).

Knezović Zlatarić D, et al. (2026) Consistency of Intraoral-Scanner-Derived Occlusal Contact Distance Maps Between Centric Relation and Maximal Intercuspation. *Dentistry journal*, 14(4).

Arellano-Verdejo J, et al. (2026) A high-resolution beach imagery dataset with COCO annotations for deep learning-based Sargassum monitoring in coastal environments. *Data*

in brief, 67, 112910.

Skalla E, et al. (2026) Early acclimatization to high altitude: Acid-base and fluid balance dynamics during the first 2 days at 3100 m. *Experimental physiology*, 111(3), 1387.

Wolf ND, et al. (2026) Sex-specific neural responses to smartphone cues in young adults. *Biology of sex differences*, 17(1).

Naniwa S, et al. (2026) Preferential sacral fracture sites in fragility fractures of the pelvis type IVb and comparison of internal fixation methods: CT-based morphological mapping and finite element analysis. *European journal of trauma and emergency surgery : official publication of the European Trauma Society*, 52(1).

Trozzi N, et al. (2026) Growth history leaves a geometric trace in puzzle cells. *EMBO reports*, 27(10), 2559.

Batume C, et al. (2026) Evaluating repellence properties of a catnip essential oil-based mosquito repellent using the human landing catch method in Eastern Uganda. *Scientific reports*, 16(1).

Xu G, et al. (2026) Efficient induction of motor neuron disease in transgenic G93A SOD1 mice by prion-like seeding. *Prion*, 20(1), 1.

Battaglia MC, et al. (2026) Host Aging Induces a Senescent-Like Phenotype in Neutrophils and Altered Transcriptional Responses to *Streptococcus pneumoniae*. *Aging cell*, 25(3), e70435.

Guiducci L, et al. (2026) Effects of Probiotic Supplementation on Gut Microbiota and Fecal Metabolome in Autism Spectrum Disorders: A Secondary Analysis of a Randomized Clinical Trial in Preschoolers. *Metabolites*, 16(4).

Ghedotti MJ, et al. (2026) Morphology of the light-organ system and bioluminescent blinking in the ponyfish tribe Equulitini (Teleostei: Leiognathidae). *PloS one*, 21(4), e0347687.

Gan Y, et al. (2026) Novel Quantitative OCTA Biomarkers of Choroidal Neovascularization and Associations With Disease Activity and Etiology. *Translational vision science & technology*, 15(3), 10.