Resource Summary Report

Generated by RRID on Aug 15, 2026

Meshlab

RRID:SCR_027065
Type: Tool

Proper Citation

Meshlab (RRID:SCR_027065)

Resource Information

URL: https://www.meshlab.net/

Proper Citation: Meshlab (RRID:SCR_027065)

Description: Software application used for processing and editing 3D triangular meshes. Provides tools for editing, cleaning, repairing, inspecting, rendering, texturing, and converting meshes. This makes it suitable for variety of tasks related to 3D data, including preparing models for 3D printing.

Resource Type: source code, software application, software resource

Keywords: processing and editing 3D triangular meshes, editing, cleaning, repairing, inspecting, rendering, texturing, converting, meshes

Availability: Free, Available for download, Freely available

Resource Name: Meshlab

Resource ID: SCR_027065

Alternate URLs: https://github.com/cnr-isti-vclab/meshlab

License: GNU GPL v3

Record Creation Time: 20250614T055057+0000

Record Last Update: 20260815T183244+0000

Ratings and Alerts

No rating or validation information has been found for Meshlab.

No alerts have been found for Meshlab.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 80 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Fernandes SR, et al. (2026) Modeling strategies in non-invasive spinal stimulation: perspectives on state-of-the-art. Frontiers in human neuroscience, 20, 1763470.

Vannini E, et al. (2026) Three-Dimensional Surveying with Optical Sensors in Heritage Science: A Review. Sensors (Basel, Switzerland), 26(8).

Wahid M, et al. (2026) PEPITEM Regulates the Synovial Microenvironment During Immune-Mediated Inflammatory Arthritis to Limit Disease. Arthritis & rheumatology (Hoboken, N.J.), 78(7), 1446.

Song X, et al. (2026) Dataset of RGB-D images of object collections from multiple viewpoints with aligned high-resolution 3D models of objects. Data in brief, 65, 112450.

Müller RT, et al. (2026) The smallest tetrapod from the Middle Triassic of South America: a new procolophonoid parareptile from the Ladinian of Southern Brazil. Scientific reports, 16(1), 866.

Shimbo A, et al. (2026) Spatially resolved analysis of growth dynamics in pome and drupe fruits of Rosaceae using 3D Gaussian Splatting. Plant phenomics (Washington, D.C.), 8(2), 100166.

Lecuona A, et al. (2026) Hindlimb functional morphology and locomotor biomechanics of the small Late Triassic pseudosuchian reptile Gracilisuchus stipanicicorum (Archosauria: Gracilisuchidae). Journal of anatomy, 248(6), 1026.

Panfili DP, et al. (2026) Visual control of walking using terrain reconstructions. Scientific reports, 16(1), 5750.

Neves PO, et al. (2026) Using MRI to guide surgical strategy for perianal fistulas: from conventional acquisition to 3D modeling. Radiologia brasileira, 59, e20250064.

Raiola M, et al. (2026) Quantitative computerized analysis demonstrates strongly compartmentalized tissue deformation patterns underlying mammalian heart tube formation. eLife, 14.

Rivero GR, et al. (2025) OPM-MEG reveals dynamics of beta bursts underlying attentional processes in sensory cortex. Scientific reports, 15(1), 30471.

Kligman BT, et al. (2025) Unusual bone bed reveals a vertebrate community with pterosaurs and turtles in equatorial Pangaea before the end-Triassic extinction. Proceedings of the National Academy of Sciences of the United States of America,

122(29), e2505513122.

Šefic T, et al. (2025) Effect of microgravity on the feasibility and accuracy of dental procedures. NPJ microgravity, 12(1), 9.

Arango JPB, et al. (2025) Volatilomic Analysis in Peel, Pulp and Seed of Hass Avocado (Persea americana Mill.) From the Northern Subregion of Caldas by Gas Chromatography With Mass Spectrometry. Food science & nutrition, 13(7), e70489.

Farronato M, et al. (2025) Isometric Reflection Analysis of Mandible Symmetry in JIA Patients: Semi-Automatic Novel 3D Approach. Orthodontics & craniofacial research, 28(4), 723.

Li X, et al. (2025) Equivalence assessment of weight bearing cone beam CT and multidetector CT through 3D Knee bone modelling. Scientific reports, 15(1), 20974.

Cavalcanti NA, et al. (2025) A large, paired dataset of robotic and handheld lumbar spine ultrasound with ground-truth CT benchmarking. Scientific data, 12(1), 1766.

von Baczko MB, et al. (2025) Biomechanical modeling of musculoskeletal function related to the terrestrial locomotion of Riojasuchus tenuisceps (Archosauria: Ornithosuchidae). Anatomical record (Hoboken, N.J. : 2007), 308(2), 369.

Lock C, et al. (2025) Symbiodiniaceae and Bacterial Microbiome Dynamics Differentially Impact the Survival of Dominant Reef-Flat Porites Corals. Environmental microbiology, 27(9), e70175.

Reinhardt J, et al. (2025) Pharmacological inhibition of myostatin effectively ameliorates osteolytic lesions in syngeneic and xenograft breast cancer mouse models. Oncogene, 44(49), 4781.