

Resource Summary Report

Generated by RRID on Aug 12, 2026

FreeCAD

RRID:SCR_022535

Type: Tool

Proper Citation

FreeCAD (RRID:SCR_022535)

Resource Information

URL: <https://www.freecad.org/>

Proper Citation: FreeCAD (RRID:SCR_022535)

Description: Open source parametric 3D modeler to design real life objects of any size. Parametric modeling allows modify your design by going back into your model history and changing its parameters.

Resource Type: software application, software resource

Keywords: parametric 3D modeler, design real life objects, changing model parameters

Availability: Free, Available for download, Freely available

Resource Name: FreeCAD

Resource ID: SCR_022535

Alternate URLs: <https://github.com/FreeCAD/FreeCAD>

License: GNU LGPL

Record Creation Time: 20220706T050140+0000

Record Last Update: 20260810T040758+0000

Ratings and Alerts

No rating or validation information has been found for FreeCAD.

No alerts have been found for FreeCAD.

Data and Source Information

Usage and Citation Metrics

We found 126 mentions in open access literature.

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

Karaivanova M, et al. (2026) The Effect of the Capsular Bag on the Optical Performance of an IOL Measured in an Ex Vivo Model. *Investigative ophthalmology & visual science*, 67(3), 46.

Ng KW, et al. (2026) Building Otto: An open-source Franz diffusion cell autosampler for automating in vitro skin permeation studies. *HardwareX*, 25, e00735.

Lehmann S, et al. (2026) From planning to execution: Interactive virtual-reality assisted craniotomy planning in meningioma surgery. *Brain & spine*, 6, 106102.

Heinritz C, et al. (2026) Fiber Reinforcement of Soft Spider Silk Hydrogels. *Macromolecular rapid communications*, 47(7), e00475.

Mansour N, et al. (2026) A Personalized, 3D Printed Polymeric Device for the Prevention of Post-Myocardial Infarction Cardiac Remodeling. *Advanced healthcare materials*, 15(19), e04529.

Yan W, et al. (2026) Divergent neural representations of space and task between physical and virtual navigation in macaques. *Nature communications*, 17(1).

Zavarize TM, et al. (2026) MICRO (Multimaterial, Integrated, Compact, Ready-to-Plug, One-Step 3D-Printed): A Simple-to-Use Electrochemical Device for On-Site Analysis and Drug Screening. *ACS omega*, 11(8), 13074.

Sakai R, et al. (2026) LOTUS: A low-cost time-lapse automated imaging system for spatio-temporal analysis of microbial colony or biofilm development. *PloS one*, 21(1), e0339652.

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).

Elnatan M, et al. (2026) Biomechanics of the tooth cervical region investigated using 3D digital image correlation, micro CT, and finite element analysis. *Scientific reports*, 16(1).

Yan X, et al. (2026) Light-programmable mechanical computing via polyaniline composite film. *Nature communications*, 17(1).

Xie Y, et al. (2026) Continuous Size-Based Particle Separation Using Inertial Force and Deterministic Lateral Displacement. *Micromachines*, 17(2).

Bardakci E, et al. (2026) Influence of Restorative Material Properties on Dentin Stress Distribution: A 3D Finite Element Analysis of Bioflx and Zirconia Crowns. *Journal of*

functional biomaterials, 17(5).

Chiang TK, et al. (2025) Measuring intramolecular connectivity in long RNA molecules using two-dimensional DNA patch-probe arrays. *Nucleic acids research*, 53(11).

Dey R, et al. (2025) Improved aerosol deposition predictions in human upper respiratory tract using coupled mesh phantom-based computational model. *Scientific reports*, 15(1), 14260.

Shnier A, et al. (2025) Low cost rotating disc electrode built using accessible hand tools and 3D printing. *HardwareX*, 21, e00626.

Wienbruch R, et al. (2025) Facilitating laboratory automation using a robot with a simple and inexpensive camera detection system. *Scientific reports*, 15(1), 20169.

Mansour NK, et al. (2025) Circular economy and 3D printing in the healthcare sector. *Frontiers in bioengineering and biotechnology*, 13, 1548550.

Kudo A, et al. (2025) Ni-doped 3D-printed honeycomb carbon microlattices: Sustainable fabrication and functionalization of microarchitected carbon. *iScience*, 28(6), 112718.

Kamitaka Y, et al. (2025) Quantitative validation of data-driven motion correction for brain PET using phantom with motion generator system. *EJNMMI physics*, 13(1), 5.