Resource Summary Report

Generated by NIF on Sep 23, 2026

Repetier Host

RRID:SCR_018901
Type: Tool

Proper Citation

Repetier Host (RRID:SCR_018901)

Resource Information

URL: https://www.repetier.com/

Proper Citation: Repetier Host (RRID:SCR_018901)

Description: Open source 3D printing software which supports multi part printing and has slicers.

Synonyms: Repetier-Host

Resource Type: 3d visualization software, data processing software, data visualization software, software application, software resource

Keywords: 3D printing, multi part printing support, slicer, data visualization, 3D visualization

Availability: Free, Available for download, Freely available

Resource Name: Repetier Host

Resource ID: SCR_018901

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260919T195400+0000

Ratings and Alerts

No rating or validation information has been found for Repetier Host.

No alerts have been found for Repetier Host.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 41 mentions in open access literature.

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

da Silva ISP, et al. (2026) Decellularized bone matrix-enriched 3D-printed GelMA scaffold as a cell-homing platform: analysis using an artificial pulp chamber model. Clinical oral investigations, 30(2), 74.

Teng X, et al. (2025) 4D printed deformation labels with machine learning for monitoring and preservation of respiring climacteric fruits. Nature communications, 16(1), 11525.

Lorenzett E, et al. (2025) Direct observation of electrostatic charging in 3D printing. Nature communications, 16(1), 7727.

Fakhr MJ, et al. (2025) Development and evaluation of BDNF-loaded PCL/PVA two-layer nerve guidance conduit with enhanced biomechanical and biological properties for peripheral nerve regeneration. Heliyon, 11(4), e42792.

Lou X, et al. (2025) Influence of layer thickness and extrusion ratio on strand morphology, porosity, surface roughness, and anisotropic mechanical properties in FDM. Scientific reports, 15(1), 42351.

Monfared MH, et al. (2025) Robocast Zn- and Co-doped bioactive glass/tricalcium phosphate scaffolds for bone regeneration. Journal of biological engineering, 20(1), 4.

Mirzavandi Z, et al. (2024) 3D printed polycaprolactone/gelatin/ordered mesoporous calcium magnesium silicate nanocomposite scaffold for bone tissue regeneration. Journal of materials science. Materials in medicine, 35(1), 58.

Andrés-Esperanza J, et al. (2024) Design and Optimization of a Custom-Made Six-Bar Exoskeleton for Pulp Pinch Grasp Rehabilitation in Stroke Patients. Biomimetics (Basel, Switzerland), 9(10).

Gensler M, et al. (2024) Perfusable Tissue Bioprinted into a 3D-Printed Tailored Bioreactor System. Bioengineering (Basel, Switzerland), 11(1).

Kadi F, et al. (2024) Fabrication and characterization of 3D-printed composite scaffolds of coral-derived hydroxyapatite nanoparticles/polycaprolactone/gelatin carrying doxorubicin for bone tissue engineering. Journal of materials science. Materials in medicine, 35(1), 7.

Wu Z, et al. (2024) Enhanced hyaline cartilage formation and continuous osteochondral regeneration via 3D-Printed heterogeneous hydrogel with multi-crosslinking inks. Materials today. Bio, 26, 101080.

Pazhouhnia Z, et al. (2024) 3D-bioprinted GelMA/gelatin/amniotic membrane extract (AME) scaffold loaded with keratinocytes, fibroblasts, and endothelial cells for skin tissue engineering. Scientific reports, 14(1), 12670.

Spišák E, et al. (2023) Experimental and Numerical Study of Printing Strategy Impact on the Mechanical Properties of Sustainable PLA Materials. Polymers, 15(24).

Isik M, et al. (2023) 3D Printing of Extracellular Matrix-Based Multicomponent, All-Natural, Highly Elastic, and Functional Materials toward Vascular Tissue Engineering. Advanced healthcare materials, 12(20), e2203044.

Li S, et al. (2023) Continuous 3D Printing of Biomimetic Beetle Mandible Structure with Long Bundles of Aramid Fiber Composites. Biomimetics (Basel, Switzerland), 8(3).

Xie ZT, et al. (2023) 3D puzzle-inspired construction of large and complex organ structures for tissue engineering. Materials today. Bio, 21, 100726.

Alhattab DM, et al. (2023) 3D bioprinting of ultrashort self-assembling peptides to engineer scaffolds with different matrix stiffness for chondrogenesis. International journal of bioprinting, 9(4), 719.

Nagaraj A, et al. (2022) 3D-Printed Hybrid Collagen/GelMA Hydrogels for Tissue Engineering Applications. Biology, 11(11).

Wattanaanek N, et al. (2022) Osteoblast-like Cell Differentiation on 3D-Printed Scaffolds Using Various Concentrations of Tetra-Polymers. Biomimetics (Basel, Switzerland), 7(2).

Tagami T, et al. (2022) Lyophilized ophthalmologic patches as novel corneal drug formulations using a semi-solid extrusion 3D printer. International journal of pharmaceutics, 617, 121448.