

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Apr 2, 2025

## Rhinoceros

RRID:SCR\_014339

Type: Tool

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### Proper Citation

Rhinoceros (RRID:SCR\_014339)

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### Resource Information

**URL:** <http://www.rhino3d.com/features>

**Proper Citation:** Rhinoceros (RRID:SCR\_014339)

**Description:** 3D modeling software used to create, edit, analyze, document, render, animate, and translate surfaces, solids, point clouds, and polygon meshes. It can also be used to analyze and manufacture a variety of products.

**Synonyms:** Rhino

**Resource Type:** standalone software, simulation software, software application, software resource

**Keywords:** 3d, modeling software, standalone software

**Funding:**

**Availability:** Pay for product

**Resource Name:** Rhinoceros

**Resource ID:** SCR\_014339

**Record Creation Time:** 20220129T080320+0000

**Record Last Update:** 20250402T061147+0000

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### Ratings and Alerts

No rating or validation information has been found for Rhinoceros.

No alerts have been found for Rhinoceros.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 209 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

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

Akgün H, et al. (2025) Mechanical behavior of external root resorption cavities restored with different materials: a 3D-FEA study. BMC oral health, 25(1), 91.

Gürsu M, et al. (2025) Stress and Displacement Dynamics in Surgically Assisted Rapid Maxillary Expansion: A Comprehensive Finite Element Analysis of Various Osteotomy Techniques. Journal of clinical medicine, 14(2).

Lara-Muros M, et al. (2024) Safety and accuracy assessment of static computer assisted localized piezoelectric alveolar decortication: an in vitro study. Clinical oral investigations, 28(12), 674.

Tribst JPM, et al. (2024) Comparative Strength Study of Indirect Permanent Restorations: 3D-Printed, Milled, and Conventional Dental Composites. Clinics and practice, 14(5), 1940.

Barros SE, et al. (2024) Dentoalveolar effects of open-bite correction with the dual action vertical intra-arch technique: A finite element analysis. Korean journal of orthodontics, 54(5), 316.

Pereira LM, et al. (2024) Evaluation of Marginal Fit of CAD/CAM Ceramic Crowns and Scanning Time Using Different Intraoral Scanning Systems. Journal of functional biomaterials, 15(12).

Liu M, et al. (2024) Parvalbumin and Somatostatin: Biomarkers for Two Parallel Tectothalamic Pathways in the Auditory Midbrain. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(10).

Catalano C, et al. (2024) On the Material Constitutive Behavior of the Aortic Root in Patients with Transcatheter Aortic Valve Implantation. Cardiovascular engineering and technology,

15(1), 95.

Soares PM, et al. (2024) Repair of monolithic zirconia restorations with different direct resin composites: effect on the fatigue bonding and mechanical performance. *Clinical oral investigations*, 28(2), 149.

Perini G, et al. (2024) Slow and steady wins the race: Fractionated near-infrared treatment empowered by graphene-enhanced 3D scaffolds for precision oncology. *Materials today. Bio*, 25, 100986.

Andresen S, et al. (2024) Natural Frequencies of Diatom Shells: Alteration of Eigenfrequencies Using Structural Patterns Inspired by Diatoms. *Biomimetics (Basel, Switzerland)*, 9(2).

Deste Gökay G, et al. (2024) Static and dynamic stress analysis of different crown materials on a titanium base abutment in an implant-supported single crown: a 3D finite element analysis. *BMC oral health*, 24(1), 545.

Chen JX, et al. (2024) Research on failure mechanism of landslide with retaining-wall-like locked segment and instability prediction by inverse velocity method. *Scientific reports*, 14(1), 21359.

Ali AM, et al. (2024) A 3D scaling law for supra-aortic stenosis suited for stethoscopic auscultations. *Heliyon*, 10(4), e26190.

Jessen L, et al. (2024) 3D printed non-uniform anthropomorphic phantoms for quantitative SPECT. *EJNMMI physics*, 11(1), 8.

Silvestru VA, et al. (2024) Experimental and simulation data for point-by-point wire arc additively manufactured carbon steel bars loaded in uniaxial tension. *Data in brief*, 53, 110093.

Doğan Ö, et al. (2024) Stress Distribution of Pediatric Zirconia and Stainless Steel Crowns after Pulpotomy Procedure under Vertical Loading: A Patient-Specific Finite Element Analysis. *Journal of functional biomaterials*, 15(9).

El-Khouly T, et al. (2024) Preserving conceptual design integrity: strategies for enhancing interoperability in architectural digital design workflows. *Scientific reports*, 14(1), 30595.

Foody JN, et al. (2024) Does Tibial Plateau Slope and Depth Influence ACL Strain In Vivo? *Orthopaedic journal of sports medicine*, 12(12), 23259671241271662.