

Resource Summary Report

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InVesalius 3

RRID:SCR_014693

Type: Tool

Proper Citation

InVesalius 3 (RRID:SCR_014693)

Resource Information

URL: <http://www.cti.gov.br/invesalius>

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Description: Software for magnetic resonance image reconstruction and computed tomography reconstruction. Its main application geared towards rapid prototyping, teaching, forensics, and medicine. Its features include the ability to import DICOM or Analyze files, to export files to the STL, OBJ, and PLY formats, volume rendering, and manual or semiautomatic image segmentation.

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

Keywords: magnetic resonance image, magnetic resonance, image reconstruction, computed tomography reconstruction, computed tomography, image reconstruction software

Availability: Free, Freely available

Resource Name: InVesalius 3

Resource ID: SCR_014693

Alternate URLs: www.softwarepublico.gov.br, <https://sources.debian.org/src/invesalius/>

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260731T042926+0000

Ratings and Alerts

No rating or validation information has been found for InVesalius 3.

No alerts have been found for InVesalius 3.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Gomes JPP, et al. (2022) Magnetic resonance imaging texture analysis to differentiate ameloblastoma from odontogenic keratocyst. Scientific reports, 12(1), 20047.

Ricardo ALF, et al. (2022) Three-Dimensional Volumetric Analysis of Frontal Ethmoidal Cells and Evaluation of Influential Factors: A Helical Computed Tomography Study. Tomography (Ann Arbor, Mich.), 8(6), 2796.

Tang E, et al. (2020) Fluid-Structure Interaction Simulation of an Intra-Atrial Fontan Connection. Biology, 9(12).

Dos Santos WP, et al. (2020) Morphology, Volume, and Density Characteristics of the Parotid Glands before and after Chemoradiation Therapy in Patients with Head and Neck Tumors. International journal of dentistry, 2020, 8176260.

Gomes JPP, et al. (2018) Three-Dimensional Volume Imaging to Increase the Accuracy of Surgical Management in a Case of Recurrent Chordoma of the Clivus. The American journal of case reports, 19, 1168.

Tabet A, et al. (2016) Low-cost, rapidly-developed, 3D printed in vitro corpus callosum model for mucopolysaccharidosis type I. F1000Research, 5, 2811.