

Resource Summary Report

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SlicerMorph

RRID:SCR_024674

Type: Tool

Proper Citation

SlicerMorph (RRID:SCR_024674)

Resource Information

URL: <https://github.com/SlicerMorph/SlicerMorph>

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Description: Open and extensible platform to retrieve, visualize and analyse 3D morphology. Extension to import microCT data and conduct 3D morphometrics in Slicer. Used for data import, visualization, measurement, annotation, and geometric morphometric analysis on 3D data, including volumetric scans (CTs and MRs) and 3D surface scans, all within the 3D Slicer application.

Resource Type: source code, software resource

Defining Citation: [DOI:10.1111/2041-210X.13669](https://doi.org/10.1111/2041-210X.13669)

Keywords: retrieve, visualize, analyse 3D morphology, import microCT data extension, data import, visualization, measurement, annotation, geometric morphometric analysis, 3D data, volumetric scans, 3D surface scans

Funding: NSF Advances in Biological Informatics

Availability: Free, Available for download, Freely available

Resource Name: SlicerMorph

Resource ID: SCR_024674

License: BSD-2-Clause license

Record Creation Time: 20231107T050233+0000

Record Last Update: 20260729T044609+0000

Ratings and Alerts

No rating or validation information has been found for SlicerMorph.

No alerts have been found for SlicerMorph.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Miller CA, et al. (2025) Early life functional transitions impact craniofacial morphology in osteogenesis imperfecta. Anatomical record (Hoboken, N.J. : 2007), 308(12), 3157.

Thomas OO, et al. (2025) SlicerMorph photogrammetry: an open-source photogrammetry workflow for reconstructing 3D models. Biology open, 14(8).

Troyer EM, et al. (2025) Macroevolutionary role reversals in the earliest radiation of bony fishes. Current biology : CB.