

Resource Summary Report

Generated by [dkNET](#) on Sep 11, 2026

TomoPy

RRID:SCR_021359

Type: Tool

Proper Citation

TomoPy (RRID:SCR_021359)

Resource Information

URL: <https://tomopy.readthedocs.io/>

Proper Citation: TomoPy (RRID:SCR_021359)

Description: Open source software Python package for tomographic data processing and image reconstruction. Framework for analysis of synchrotron tomographic data.

Synonyms: Tomographic reconstruction in Python

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

Defining Citation: [PMID:25178011](#)

Keywords: Tomographic data processing, tomographic image reconstruction, Python, tomographic data, synchrotron tomographic data analysis

Funding: US Department of Energy

Availability: Free, Available for download, Freely available

Resource Name: TomoPy

Resource ID: SCR_021359

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

License: BDS v3

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260905T132938+0000

Ratings and Alerts

No rating or validation information has been found for TomoPy.

No alerts have been found for TomoPy.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Vira AD, et al. (2026) Trivalent titanium in high-titanium lunar ilmenite. Nature communications, 17(1).

Ringel BM, et al. (2025) Carbon Fiber Oxidation in 4D. Advanced materials (Deerfield Beach, Fla.), 37(42), e2502007.

Hoyer MJ, et al. (2024) Combinatorial selective ER-phagy remodels the ER during neurogenesis. Nature cell biology, 26(3), 378.

Qin T, et al. (2023) Systematic observations of enhanced oil recovery and associated changes at carbonate-brine and carbonate-petroleum interfaces. Scientific reports, 13(1), 16891.

Reimers J, et al. (2023) Development of a Bioreactor-Coupled Flow-Cell Setup for 3D In Situ Nanotomography of Mg Alloy Biodegradation. ACS applied materials & interfaces, 15(29), 35600.

Metilli L, et al. (2022) Application of X-ray Microcomputed Tomography for the Static and Dynamic Characterization of the Microstructure of Oleofoams. Langmuir : the ACS journal of surfaces and colloids, 38(4), 1638.

Hamnett R, et al. (2022) Regional cytoarchitecture of the adult and developing mouse enteric nervous system. Current biology : CB, 32(20), 4483.

Katz SR, et al. (2021) Whole-organism 3D quantitative characterization of zebrafish melanin by silver deposition micro-CT. eLife, 10.