

Resource Summary Report

Generated by [RRID](#) on Aug 14, 2026

TOMO3D

RRID:SCR_017295

Type: Tool

Proper Citation

TOMO3D (RRID:SCR_017295)

Resource Information

URL: <https://sites.google.com/site/3demimageprocessing/tomo3d>

Proper Citation: TOMO3D (RRID:SCR_017295)

Description: Software tool for fast tomographic reconstruction on multicore computers. Used for electron tomography studies with increasing resolution needs.

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

Defining Citation: [PMID:25528570](#)

Keywords: tomographic, reconstruction, multicore, computer, electron, resolution

Funding: ERDF

Availability: Restricted

Resource Name: TOMO3D

Resource ID: SCR_017295

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260814T042941+0000

Ratings and Alerts

No rating or validation information has been found for TOMO3D.

No alerts have been found for TOMO3D.

Data and Source Information

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Herdman M, et al. (2022) High-resolution mapping of metal ions reveals principles of surface layer assembly in *Caulobacter crescentus* cells. *Structure* (London, England : 1993), 30(2), 215.

Harrison OJ, et al. (2020) Family-wide Structural and Biophysical Analysis of Binding Interactions among Non-clustered γ -Protocadherins. *Cell reports*, 30(8), 2655.

Chase J, et al. (2018) Mechanisms of opening and closing of the bacterial replicative helicase. *eLife*, 7.

Park D, et al. (2018) Visualization of the type III secretion mediated *Salmonella*-host cell interface using cryo-electron tomography. *eLife*, 7.

Santos-Pérez I, et al. (2017) Membrane-assisted viral DNA ejection. *Biochimica et biophysica acta. General subjects*, 1861(3), 664.

Peralta B, et al. (2013) Mechanism of membranous tunnelling nanotube formation in viral genome delivery. *PLoS biology*, 11(9), e1001667.