

Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

3DTracker

RRID:SCR_021506

Type: Tool

Proper Citation

3DTracker (RRID:SCR_021506)

Resource Information

URL: <https://github.com/ThreeD-Tracker-FAB>

Proper Citation: 3DTracker (RRID:SCR_021506)

Description: Open source software tool for 3D-video based markerless computerized behavioral analysis for laboratory animals.Used to reconstruct full 3D images of animals and fit skeletal models to 3D image to estimate 3D pose of animals.Open-source 3D video based behavioral analysis system for neuroscience.

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

Keywords: 3D video, computerized behavioral analysis, laboratory animals, reconstruct 3D image, animal image, 3D image, estimate animal 3D pose, behavior measurement, freely moving, head fixed, OpenBehavior

Availability: Free, Freely Available

Resource Name: 3DTracker

Resource ID: SCR_021506

Alternate URLs: <https://edspace.american.edu/openbehavior/project/3dtracker/>,
<http://www.3dtracker.org/>

License: MIT License

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260729T044515+0000

Ratings and Alerts

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

No alerts have been found for 3DTracker.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.