

Resource Summary Report

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Anipose

RRID:SCR_023041

Type: Tool

Proper Citation

Anipose (RRID:SCR_023041)

Resource Information

URL: <https://github.com/lambdaloop/anipose>

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Description: Software package for 3D pose estimation. Uses DeepLabCut for 2D tracking and uses triangulation methods to project pose estimations into three dimensions. Toolkit for robust markerless 3D pose estimation.

Resource Type: software resource, software toolkit

Defining Citation: [PMID:34592148](#)

Keywords: OpenBehavior, 3D pose estimation, project pose estimations into three dimensions, markerless 3D pose estimation

Funding: McKnight Foundation ;
New York Stem Cell Foundation ;
NINDS DP2NS105555;
NINDS F31NS115477;
NINDS R00 NS088193;
NINDS R01NS102333;
NINDS R01NS111479;
NINDS U19NS104655;
NINDS U19NS112959;
Pew Charitable Trusts ;
Searle Scholars Program ;
Sloan Research Fellowship ;
Washington Research Foundation

Availability: Free, Available for download, Freely available

Resource Name: Anipose

Resource ID: SCR_023041

Alternate URLs: <https://edspace.american.edu/openbehavior/?s=Anipose>

License: BSD 2-Clause "Simplified" License

Record Creation Time: 20221210T050156+0000

Record Last Update: 20260821T194243+0000

Ratings and Alerts

No rating or validation information has been found for Anipose.

No alerts have been found for Anipose.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Supple JA, et al. (2026) Species-specific spectral tuning of motion vision in butterflies. Current biology : CB, 36(2), 290.

Berezhnoi D, et al. (2024) Open-Source Platform for Kinematic Analysis of Mouse Forelimb Movement. bioRxiv : the preprint server for biology.

Berezhnoi D, et al. (2024) Open-source platform for kinematic analysis of mouse forelimb movement. STAR protocols, 5(3), 103140.

Dallmann CJ, et al. (2023) Presynaptic inhibition selectively suppresses leg proprioception in behaving Drosophila. bioRxiv : the preprint server for biology.