

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

DeepPoseKit

RRID:SCR_021405

Type: Tool

Proper Citation

DeepPoseKit (RRID:SCR_021405)

Resource Information

URL: <https://github.com/jgraving/DeepPoseKit>

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Description: Software toolkit with high level API for 2D pose estimation of user defined keypoints using deep learning. Written in Python and built using Tensorflow and Keras. Method for pose estimation developed by behavioral scientists at the Max Planck Institute of Animal Behavior.

Resource Type: software resource, software toolkit

Defining Citation: [DOI:10.7554/elife.47994](https://doi.org/10.7554/elife.47994)

Keywords: 2D pose estimation, animal pose estimation, animal behavior, DeepLabCut, Leap, OpenBehavior

Availability: Free, Available for download, Freely Available

Resource Name: DeepPoseKit

Resource ID: SCR_021405

Alternate URLs: <https://edspace.american.edu/openbehavior/project/deepposekit/>

License: Apache License

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260801T042852+0000

Ratings and Alerts

No rating or validation information has been found for DeepPoseKit.

No alerts have been found for DeepPoseKit.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Li G, et al. (2025) A survey of open-access datasets for computer vision in precision poultry farming. Poultry science, 104(2), 104784.

Vijendravarma RK, et al. (2022) Drosophila females have an acoustic preference for symmetric males. Proceedings of the National Academy of Sciences of the United States of America, 119(13), e2116136119.