

# Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

## DeepPoseKit

RRID:SCR\_021405

Type: Tool

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### Proper Citation

DeepPoseKit (RRID:SCR\_021405)

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### Resource Information

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

**Proper Citation:** DeepPoseKit (RRID:SCR\_021405)

**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:** 20260821T194155+0000

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### Ratings and Alerts

No rating or validation information has been found for DeepPoseKit.

No alerts have been found for DeepPoseKit.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.