# **Resource Summary Report**

Generated by <u>dkNET</u> on Apr 26, 2025

# **SIPEC**

RRID:SCR\_022364 Type: Tool

**Proper Citation** 

SIPEC (RRID:SCR\_022364)

#### **Resource Information**

URL: https://edspace.american.edu/openbehavior/project/sipec/

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**Description:** Software pipeline for video analysis. Deep learning Swiss knife for behavioral data analysis.Performs segmentation, identification, pose-estimation and classification of complex behaviour. Used for analysis of behavior of multiple animals in complex environments.

Abbreviations: SIPEC

Synonyms: SIPEC project

**Resource Type:** data analysis software, software application, software resource, data processing software

Defining Citation: DOI:10.1038/s42256-022-00477-5

Keywords: OpenBehavior, video analysis, behavioral data analysis

Funding:

Availability: Free, Available for download, Freely available

Resource Name: SIPEC

Resource ID: SCR\_022364

Alternate URLs: https://github.com/SIPEC-Animal-Data-Analysis/SIPEC

License: MIT License

Record Creation Time: 20220602T050140+0000

Record Last Update: 20250426T060859+0000

### **Ratings and Alerts**

No rating or validation information has been found for SIPEC.

No alerts have been found for SIPEC.

#### Data and Source Information

Source: <u>SciCrunch Registry</u>

## **Usage and Citation Metrics**

We have not found any literature mentions for this resource.