Resource Summary Report

Generated by dkNET on Apr 25, 2025

OpenPose

RRID:SCR_022362
Type: Tool

Proper Citation

OpenPose (RRID:SCR_022362)

Resource Information

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

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Description: Software tool as multi subject keypoint detection library for real time pose estimation.Used to track behavior of monkeys in natural environments, without disrupting their typical pattern of behavior. Deep learning software system for body, face, hands, and foot estimation in monkeys.

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

Defining Citation: DOI:10.1101/2021.01.28.428726

Keywords: OpenBehavior, tracking limb orientation, behavior measurement, freely moving, realtime recording and analysis, video analysis

Funding:

Availability: Free, Available for download, Freely available

Resource Name: OpenPose

Resource ID: SCR_022362

Alternate URLs: https://github.com/CMU-Perceptual-Computing-Lab/openpose

License: Academic or Non-Profit Organization Noncommericial Research Use License

Record Creation Time: 20220602T050140+0000

Record Last Update: 20250425T060447+0000

Ratings and Alerts

No rating or validation information has been found for OpenPose.

No alerts have been found for OpenPose.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Diaz-Rojas F, et al. (2024) Estimation of human body 3D pose for parent-infant interaction settings using azure Kinect and OpenPose. MethodsX, 13, 102861.

Mizuta N, et al. (2024) Characteristics of limb kinematics in the gait disorders of post-stroke patients. Scientific reports, 14(1), 3082.

Wakabayashi H, et al. (2024) Development of a Personal Guide Robot That Leads a Guest Hand-in-Hand While Keeping a Distance. Sensors (Basel, Switzerland), 24(7).

Bauer A, et al. (2024) Phonetic differences between affirmative and feedback head nods in German Sign Language (DGS): A pose estimation study. PloS one, 19(5), e0304040.

Hu H, et al. (2022) Towards a Visualizable, De-identified Synthetic Biomarker of Human Movement Disorders. Journal of Parkinson's disease, 1(-1), 2085.