OpenCV
RRID:SCR_015526
Type: Tool

Proper Citation

OpenCV (RRID:SCR_015526)

Resource Information

URL: http://opencv.org

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Description: Computer vision and machine learning software library which provides a common infrastructure for computer vision applications. The algorithms within the library can be used to detect and recognize faces, identify objects, classify human actions in videos, track camera movements and moving objects, extract 3D models of objects, produce 3D point clouds from stereo cameras, stitch images together to produce a high resolution image of an entire scene, find similar images from an image database, and follow eye movements, recognize scenery and establish markers to overlay it with augmented reality. It has C++, C, Python, Java and MATLAB interfaces.

Resource Type: Resource, software resource, algorithm resource

Keywords: software library, computer vision, machine learning

Availability: Open source, Supported on Windows, Supported on Linux, Supported on MacOS, Supported on iOS, Supported on Android

Website Status: Last checked down

Resource Name: OpenCV

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Alternate URLs: https://github.com/opencv
No rating or validation information has been found for OpenCV.

No alerts have been found for OpenCV.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 879 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


Kobayashi K, et al. (2021) Automated detection of mouse scratching behaviour using


Baltanas SF, et al. (2021) Improving the Head Pose Variation Problem in Face Recognition for Mobile Robots. Sensors (Basel, Switzerland), 21(2).