**OpenCV**

**RRID:** SCR_015526  
**Type:** Tool

### Proper Citation

OpenCV (RRID:SCR_015526)

### Resource Information

**URL:** [http://opencv.org](http://opencv.org)

**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.

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**Resource Type:** Resource, software resource, algorithm resource

**Keywords:** software library, computer vision, machine learning

**Resource ID:** SCR_015526

**Availability:** Open source, Supported on Windows, Supported on Linux, Supported on Mac OS, Supported on iOS, Supported on Android

**Website Status:** Last checked down

**Alternate URLs:** https://github.com/opencv

**Mentions Count:** 429
Ratings and Alerts

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 462 mentions in open access literature.

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

Xing B, et al. (2020) And the nominees are: Using design-awards datasets to build computational aesthetic evaluation model. PloS one, 15(1), e0227754.


Ünver HM, et al. (2019) Skin Lesion Segmentation in Dermoscopic Images with Combination of YOLO and GrabCut Algorithm. Diagnostics (Basel, Switzerland), 9(3).


