

Resource Summary Report

Generated by NIF on Aug 25, 2026

Computer Vision System Toolbox

RRID:SCR_017581

Type: Tool

Proper Citation

Computer Vision System Toolbox (RRID:SCR_017581)

Resource Information

URL: <https://www.mathworks.com/products/computer-vision.html>

Proper Citation: Computer Vision System Toolbox (RRID:SCR_017581)

Description: Software tool to provide algorithms, functions, and apps for designing and testing computer vision, 3D vision, and video processing systems for MATLAB. You can perform object detection and tracking, as well as feature detection, extraction, and matching. For 3D vision, toolbox supports single, stereo, and fisheye camera calibration; stereo vision; 3D reconstruction; and lidar and 3D point cloud processing. Computer vision apps automate ground truth labeling and camera calibration workflows.

Synonyms: Computer Vision Toolbox, MATLAB Computer Vision System Toolbox

Resource Type: data processing software, image processing software, software application, software resource, software toolkit

Keywords: The MathWorks, Inc. designing, testing, computer, vision, 3D, video, processing, system, MATLAB, object, detection, tracking

Availability: Restricted

Resource Name: Computer Vision System Toolbox

Resource ID: SCR_017581

Record Creation Time: 20220129T080335+0000

Record Last Update: 20260821T194118+0000

Ratings and Alerts

No rating or validation information has been found for Computer Vision System Toolbox.

No alerts have been found for Computer Vision System Toolbox.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Maltez VI, et al. (2026) Agonistic anti-CD40 antibody treatment converts resident regulatory T cells into activated type 1 effectors within the tumor microenvironment. *Immunity*, 59(4), 1058.

Srinivasan S, et al. (2025) Development of a First-in-Class Click Chemistry-Based Cancer Therapeutic, from Preclinical Evaluation to a First-in-Human Dose Escalation Clinical Trial. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(17), 3662.

Teng D, et al. (2021) Using comprehensive machine-learning models to classify complex morphological characters. *Ecology and evolution*, 11(15), 10421.

Doykos TK, et al. (2020) Monosynaptic inputs to specific cell types of the intermediate and deep layers of the superior colliculus. *The Journal of comparative neurology*, 528(13), 2254.