

**2019:**

1. [A Review of Object Detection Techniques](#)
2. [A real-time object detection algorithm for video](#)
3. [Object Detection With Deep Learning: A Review](#)
4. [A Survey of Deep Learning-Based Object Detection](#)
5. [Recent progresses on object detection: a brief review](#)

**2020:**

1. [A Review of Object Detection Techniques](#)
2. [Imbalance Problems in Object Detection: A Review](#)
3. [A review of object detection based on deep learning](#)
4. [Recent advances in deep learning for object detection](#)
5. [Deep Learning for Generic Object Detection: A Survey](#)

**2021:**

1. [Object Detection](#)
2. [A Review: Object Detection Models](#)
3. [Oriented R-CNN for Object Detection](#)
4. [Towards Open World Object Detection](#)
5. [Object detection approaches in images: a survey](#)
6. [SimROD: A Simple Adaptation Method for Robust Object Detection](#)
7. [Deep learning in multi-object detection and tracking: state of the art](#)
8. [Sparse R-CNN: End-to-End Object Detection With Learnable Proposals](#)
9. [A survey and performance evaluation of deep learning methods for small object detection](#)
10. [A Comparative Analysis of Object Detection Metrics with a Companion Open-Source Toolkit](#)

**2022:**

1. [3D Object Detection for Autonomous Driving: A Survey](#)
2. [A Survey of Self-Supervised and Few-Shot Object Detection](#)
3. [A survey of modern deep learning based object detection models](#)
4. [Exploring Plain Vision Transformer Backbones for Object Detection](#)
5. [CBNet: A Composite Backbone Network Architecture for Object Detection](#)
6. [Overview of Object Detection Algorithms Using Convolutional Neural Networks](#)
7. [YOLOv6: A Single-Stage Object Detection Framework for Industrial Applications](#)
8. [Tools, techniques, datasets and application areas for object detection in an image: a review](#)
9. [A Survey of Deep Learning-Based Object Detection Methods and Datasets for Overhead Imagery](#)
10. [Toward Performing Image Classification and Object Detection With Convolutional Neural Networks in Autonomous Driving Systems: A Survey](#)

**2023:**

1. [Object Detection in 20 Years: A Survey](#)
2. [Object Detection in Traffic Videos: A Survey](#)
3. [A Survey of Deep Learning for Low-shot Object Detection](#)
4. [A survey: object detection methods from CNN to transformer](#)
5. [A comprehensive review of object detection with deep learning](#)
6. [Progress in multi-object detection models: a comprehensive survey](#)
7. [3D Object Detection From Images for Autonomous Driving: A Survey](#)
8. [Towards Large-Scale Small Object Detection: Survey and Benchmarks](#)
9. [A systematic review of object detection from images using deep learning](#)
10. [A Comprehensive Systematic Review of YOLO for Medical Object Detection \(2018 to 2023\)](#)