Special Issue

Action Recognition and Tracking Using Deep Learning

Message from the Guest Editors

This Special Issue addresses the innovative developments, technologies, and challenges related to action recognition and tracking using deep learning. It seeks the latest findings from research and ongoing projects. Additionally, review articles that provide readers with current research trends and solutions are also welcome. Potential topics include, but are not limited to, the following:

- Action recognition and tracking model;
- Lightweight model for action recognition and tracking model;
- RGB-based action recognition model;
- Skeleton-based action recognition model;
- Spatiotemporal action detection task;
- Action segmentation task (weakly supervised or unsupervised) ;
- DeepFake detection;
- Video generation task;
- Video noise reduction;
- Deep video compression;
- Smart surveillance.

Guest Editors

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Deadline for manuscript submissions

closed (30 October 2022)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/108379

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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