Special Issue

Deep Learning Applications on Human Activity Recognition

Message from the Guest Editors

This Special Issue aims to showcase cutting-edge applications of deep learning in HAR, emphasizing real-world implementations and their impact on various domains. We invite high-quality original research articles and comprehensive reviews that explore how deep learning is being leveraged to improve activity recognition in practical settings. Contributions that address challenges related to data collection, deployment in real-world scenarios, and integration with emerging technologies such as the IoT, wearable devices, and smart cities are particularly encouraged. Topics of interest include, but are not limited to, the following:

- Industrial and workplace safety applications.
- Healthcare applications of HAR, including rehabilitation monitoring.
- Activity recognition in sports and fitness tracking.
- HAR in human–computer interaction and augmented reality.
- Real-time HAR applications in smart environments.
- HAR in autonomous systems and robotics.
- HAR for security and surveillance.
- Smart home and smart city applications using HAR.
- Sensor-based activity recognition using deep learning.
- Computer-vision-based HAR.
- Multimodal data fusion for HAR.

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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