Special Issue

Deep Learning for Computer Vision Application

Message from the Guest Editor

Future studies should seek to find more applications of AI in our life, e.g., via data acquisition and cleaning, as well as more model optimization, innovation, and research. In this Special Issue, we are particularly interested in new applications of deep learning in the computer vision field. Topics of interest include but are not limited to:

- Image classification using deep learning;
- Object detection using deep learning;
- Semantic and instant segmentation using deep learning;
- Deep learning techniques for generating new images (generative adversarial networks);
- Employing reinforcement learning for computer vision tasks;
- Application of deep learning in the Internet of Things (IoT);
- Application of deep learning in embedded systems, sensor development, and electronics;
- Computer vision tasks using deep learning (medical image processing, remote sensing, hyperspectral imaging, thermal imaging, space and extraterrestrial observations);
- Image sequence analysis using deep learning;
- Deep learning and computer vision for smart and green building, smart industry, and smart devices.

Guest Editor

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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 guest-edited by leading experts in selected topics of interest.

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