Special Issue

Deep Learning in Multimedia and Computer Vision

Message from the Guest Editors

Image processing and computer vision have been important areas of research for several decades, and have numerous applications in various fields including healthcare, security, and robotics. In recent years, the development of deep learning techniques has revolutionized these fields, enabling researchers to achieve unprecedented levels of accuracy and performance in a wide range of tasks. The success of deep learning in image processing and computer vision can be attributed to its ability to automatically learn complex feature representations from large datasets. The objective of this Special Issue is to bring together cutting-edge research on the use of deep learning techniques in image processing and computer vision. The scope of this Special Issue includes, but is not limited to, the following topics: Deep learning for image recognition and classification; medical image analysis; video processing and analysis; Deep learning for object detection and tracking; Deep learning for image segmentation/restoration and feature extraction/enhancement; Deep learning for 3D vision and reconstruction.

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Deadline for manuscript submissions

closed (15 August 2024)

Electronics

an Open Access Journal by MDPI

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CiteScore 5.3

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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.

Editor-in-Chief

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