Special Issue

Deep Learning-Based Real Time Approach for Image/Video Processing

Message from the Guest Editor

Artificial intelligence provides new opportunities to enhance predictive models that can process a wide variety of image and video processing applications. Deep learning-based real-time signal processing, such as image and video processing, has been a topic of rigorous research over the last decade. Rapid scientific advances, particularly in the area of model development, have resulted in several incredible real-time tools that rely on signal processing. There are still, however, many tasks in the application of deep learning models, such as massive data necessities for training/testing and computing power. Our Special Issue aims to report the latest advances and trends concerning deep learning-based real-time approaches for image/video processing in relation to electronics issues. Papers of both a theoretical and applicative nature, as well as contributions regarding new advanced artificial learning and signal processing techniques for the electronics research community, are welcome.

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.

Editor-in-Chief

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