

Special Issue

Recent Advances and Application of Image Processing

Message from the Guest Editors

In recent years, image processing technology has developed rapidly. Advanced technologies such as image recognition, image segmentation, object detection, and 3D image reconstruction have been thoroughly researched and applied to various emerging industries, such as autonomous driving, medical assistance, and security surveillance. In particular, the advancement in deep learning technology has overcome the image processing requirement of image content interpretability, which has greatly expanded the application scenarios of image processing technology. Based on the development and application of these new technologies in image processing, many challenges in previous image processing techniques have recently been solved. Research into new image processing techniques has brought about new improvements in the application scenarios of image processing. This Special Issue aims to provide a communication platform for latest progress in relation to digital images. We are looking forward to publishing the latest original research results and review articles related to the topic of this Special Issue.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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