

## Special Issue

# Deep Learning in Image Recognition: Latest Advances and Prospects

### Message from the Guest Editors

Image recognition has been one of the most powerful developments in the area of deep learning in recent years. From the basic technologies of image classification, object recognition, and object segmentation, to the applications of handwriting recognition, face recognition, image generation, image captioning, self-driving cars, smart homes, product inspection, security surveillance, medical imaging, augmented reality, edge computing, etc., these advances in deep learning in image recognition make it a hot topic. Although the method of deep learning is quite time-consuming and laborious, many methods that can achieve real-time calculations have been proposed thus far, and the results are quite good. There are also many discussions on the proposal of new network architecture, the improvement of network performance, and the improvement of data enhancement in deep learning. This Special Issue hopes to focus on deep learning in image recognition, and discuss the latest technological advances and future prospects. For more information on the Special Issue, please visit LINK [https://www.mdpi.com/journal/applsci/special\\_issues/F7P6IF7FFR](https://www.mdpi.com/journal/applsci/special_issues/F7P6IF7FFR)

### Guest Editors

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Dr. Chien-Hsing Chou

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### Deadline for manuscript submissions

closed (10 March 2024)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

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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### Editor-in-Chief

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