Special Issue

Advanced Deep Learning and Neural Network Technologies for Image Recognition

Message from the Guest Editors

The main aim of this Special Issue is to seek original contributions that address the above challenges or highlight emerging applications in image recognition. The topics of interest include but are not limited to:

- Robust recognition with perturbations;
- Explainable deep learning;
- Multimodal or multiview recognition;
- Weakly supervised learning;
- Self-supervision learning;
- Privacy-aware recognition;
- Data augmentation;
- Transfer learning and domain adaptation;
- Few/one shot learning;
- GANs for image recognition;
- Deepfake detection;
- Distance metric learning;
- Uncertainty estimation;
- Out-of-distribution detection;
- Activity and online learning;
- Advanced and novel biometrics systems;
- Practical and reliable medical image recognition

Guest Editors

Dr. Xiaofeng Liu

Dr. Harry Yang

Dr. Zhenhua Guo

Prof. Dr. Jane You

Deadline for manuscript submissions

closed (28 February 2022)

Electronics

About the Journal

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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