Deep Learning in Image Processing and Pattern Recognition

Message from the Guest Editors

Up to now, image processing technology based on deep learning has rapidly developed and become the most successful applied intelligent technology. Pattern recognition is an important research field in image processing and includes image preprocessing, feature extraction and selection, classifier design, and classification decisions. In this context, for this Special Issue on "Deep Learning in Image Processing and Pattern Recognition", we invite original research and comprehensive reviews on, but not limited to, the following:

- Advances in image preprocessing;
- Advances in features and selection of images;
- Advances in pattern recognition in image processing technology;
- Image processing in intelligent transportation;
- Hyperspectral image processing;
- Biomedical image processing;
- Image processing in intelligent monitoring;
- Deep learning for image processing;
- AI-based image processing, understanding, recognition, compression, and reconstruction.

Guest Editors

Prof. Dr. Yuji Iwahori

Prof. Dr. Aili Wang

Prof. Dr. Haibin Wu

Deadline for manuscript submissions

closed (31 December 2023)

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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