

Special Issue

Advanced Application of Machine Learning and Meta-Learning in Image and Text Analysis

Message from the Guest Editors

Machine learning is a key field of artificial intelligence and plays an important role in various image and text analysis tasks such as object recognition, motion detection, medical scan analysis, sentiment analysis, information retrieval, document clustering, image captioning, text to image generation, etc. This special issue focuses on the application of machine learning for image and text analysis, and meta-learning algorithms and applications for tasks that have limitations in applying machine learning due to the limited amount of available data. The topics of interest include but are not limited to:

- Machine Learning and Meta-Learning Theory
- Machine Learning for Image and Text Analysis
- Multi-Modal Machine Learning and Meta-Learning
- Meta-Learning for Computer Vision Tasks
- Meta-Learning for Natural Language Processing
- Meta-Learning in Reinforcement Learning
- Unsupervised and Self-supervised Meta-Learning
- Practical Application of Meta-Learning

https://www.mdpi.com/journal/electronics/special_issues/ML_Image_Text

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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).

