



Machine Learning in Signal and Image Analysis for Biomedical Application: 2nd Edition

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Deadline for manuscript submissions:

31 December 2024

Message from the Guest Editors

Dear Colleagues,

Recent advancements in artificial intelligence and technologies for monitoring or diagnosing health are making great progress and open many opportunities in improving healthcare. However, there are still many challenges, including a longer processing time, lack of sufficient data, difficulty in labeling, and the heterogeneity of data. The goal of this Special Issue is to publish original manuscripts and the latest research regarding machine learning techniques that can be used for sensing or imaging in biomedical applications and predicting diagnosis or prognosis from medical images or signals. We welcome submissions describing new cutting-edge machine learning and deep learning methods that address existing problems in the biomedical and health fields.

Topics of interest include but are not limited to:

- Machine learning algorithms for medical image analysis;
- Disease classification and prognosis prediction;
- Segmentation and anomaly detection;
- Medical image denoising and quality improvement;
- Medical image registration;

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Message from the Editor-in-Chief

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