

Special Issue

Artificial Intelligence in Advanced Medical Imaging

Message from the Guest Editors

Special Issue on “Artificial Intelligence in Advanced Medical Imaging” will focus on original research papers and comprehensive reviews involving the processing of computational biomedical image, the information fusion of multimodality medical bioimages, quality evaluation, and biomedical image improvements. Topics of interest for this Special Issue include but are not limited to the following:

- Advanced artificial-intelligence-based computational imaging techniques for biomedical imaging, involving the application of few/zero shot learning and self-supervised learning for biomedical imaging;
- Advanced medical image processing technology based on deep learning, such as denoising, reconstruction, and enhancement;
- Accurate assessment methods for biological image quality, including full reference or no reference;
- Novel multimodality medical biomedical image fusion method based on artificial intelligence.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

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