Special Issue

Medical Image Processing Using AI

Message from the Guest Editor

Medical imaging data are one of the richest and often one of the most complex sources of information about patients. Artificial intelligence has been proven to boost the power of the automated processing of medical images. Although, today, numerous AI-based approaches, and in particular, deep learning algorithms, have demonstrated outstanding performance in several image analysis tasks, their implementation in real clinical environments is limited. Therefore, this Special Issue aims to promote novel and efficient AI algorithms and methods for medical image analysis, with a main focus on the current challenges for practical applications of AI in clinical environments, and to propose possible solutions for integrating AI in real settings. Of particular interest are submissions regarding computer-aided diagnosis. However, contributions concerning other aspects of medical image processing (image segmentation, image synthesis) are also welcomed.

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Deadline for manuscript submissions

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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.

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