Special Issue

Deep Learning in Medical Image Analysis: Latest Advances and Prospects

Message from the Guest Editors

In recent years, the application of deep learning techniques for experimentation in the field of medical imaging for both prevention and diagnosis or even in surgery planning has unquestionably advanced. Recent years have seen an explosion in medical journals of publications related to the application of deep learning in all types of medical images. This Special Issue calls for research on deep learning applied to medical image analysis. Papers could be theoretical and practical and, also, review and survey papers about the impact, latest advances, and prospects of deep learning in medical image analysis. Potential topics include but are not limited to medical imaging, biomedical image analysis, computer-guided surgery, computer-aided diagnosis, medical image segmentation, personalized medicine, or novel deep learning architectures.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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