AI/ML-Based Medical Image Processing and Analysis

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Message from the Guest Editors

AI/ML-based medical image processing and analysis are becoming increasingly important with advances in the use of image processing and analysis in the automated recommended diagnosis of medical conditions. Medical professionals and medical institutions are not only ready to accept machine learning (ML)- and artificial intelligence (AI)-enabled medical devices, but they are also eagerly awaiting devices that could potentially ease the load on professional medical personnel and increase accuracy of diagnosis, as well as provide a means for early diagnosis and intervention. The U.S. Food and Drug Administration has already approved many AI/ML-enabled medical devices, listed in https://www.fda.gov/medical-devices/software-medical-device-samd/artificial-intelligence-and-machine-learning-aiml-enabled-medical-devices. Researchers are encouraged to continue in this field of study and continue with patentable methods and devices that could be potentially approved for use in medical institutions.

Special Issue

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Message from the Editor-in-Chief

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