



Recent Advances in Artificial Intelligence for Medicine and Healthcare Data Analysis

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Message from the Guest Editors

Recently accompanying the advancement of machine learning (especially deep learning), AI-assisted medical and healthcare data analysis have entered into a new era with exciting progress in many areas. It is an amazing golden age for the interface researchers involved in the development and applications of advanced machine learning techniques to solve long-standing problems with the merits of powerful AI techniques. This Special Issue aims to capture the most recent important advances in these cross-disciplinary areas and provide a platform for academics, scientists, researchers, clinicians, medical services, etc.

Topics:

- Medical image analysis.
- Signal processing and medical imaging.
- Deep learning for medical applications.
- Automated medical diagnostics.
- AI-assisted pathologies.
- Brain and neuroscience.
- Mental and psychological diagnosis.
- Neurodegenerative diseases.
- Detection and diagnosis of cardiovascular disease.
- Cancer imaging and diagnosis.
- Hematology and blood analysis.
- Health and wellbeing data analysis.
- Medical data management and EHR.
- Medical biometrics.
- Medical robotics.
- AIoT medical devices.



- Any AI-related topics.



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Message from the Editor-in-Chief

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