Artificial Intelligence in Healthcare: Theory, Methods and Applications

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closed (30 August 2023)

Message from the Guest Editors

This Special Issue focuses on the use of AI in diagnosis, rehabilitation, and screening with the goal of demonstrating the cutting-edge applications of these technologies in the healthcare industry. The submissions can include but are not limited to the following topics with a focus on how they apply to healthcare applications:

- Challenges and opportunities of AI in the medical domain;
- Uses of AI in healthcare;
- Precision medicine and AI
- Therapies using AI during the pandemic;
- Wearable technology and AI for healthcare applications;
- Role of big data in medicine;
- AI-based decision support for healthcare applications;
- Computational intelligence and AI in healthcare;
- AI and medical image processing;
- Future of AI in medicine/healthcare;
- Ethical implications of AI in healthcare applications;
- Role of AI in vaccine and drug development;
- AI-enabled secure blockchain for healthcare applications;
- Healthcare data management;
- AI and virtual health assistance;
- Managing electronics health records and AI;
- NLP and AI in the healthcare domain.

Special Issue

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Message from the Editor-in-Chief

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