Special Issue

AI for Intelligent Healthcare

Message from the Guest Editors

Recent advances in artificial intelligence (AI) have revolutionized the healthcare sector, with intelligent AI programs having been applied to clinical practice including making diagnoses, developing personalized treatment and drugs, assisting in patient monitoring, automating administrative tasks and reducing operational costs. The use of AI and machine learning techniques in the ever-increasing quantity of healthcare data presents a variety of opportunities, but also a number of daunting challenges, such as algorithmic bias and unfairness, limited interpretability of black boxed algorithms, the concern of privacy and security issues and the lack of data standardization.

To embrace the challenges and opportunities related to AI in healthcare, this Special Issue aims to encourage submissions detailing recent advances in designing and deploying AI-powered healthcare systems that present the fundamental theory, techniques, applications, and practical experiences in the fields of healthcare and medicine, as well as relevant AI research endeavors in this area. Please note that well-prepared papers approved for publication may be eligible for applying discounts and fee waivers.

Guest Editors

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Deadline for manuscript submissions

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