Special Issue

Artificial Intelligence in Healthcare

Message from the Guest Editors

AI has advanced significantly in the past ten years, offering great potential to revolutionize the healthcare system. AI can be applied to various aspects of healthcare, such as disease detection and diagnosis, prognosis prediction, pre-treatment analysis, post-treatment evaluation, pandemic monitoring, and more. However, AI still faces many challenges in medical applications and requires further development to meet the demands of real health scenarios. One of these challenges is that the performance of healthcare AI systems often needs to meet real-world needs. Therefore, enhancing the performance of healthcare AI systems is a crucial issue. In order to address this issue, conducting in-depth research on key technologies within the various subsystems employed in healthcare AI systems is essential and necessary. This Special Issue aims to attract high-quality papers on AI in healthcare and address the complex challenges that arise within the context of healthcare applications. The Special Issue's focus spans various fields, such as machine learning, medical image processing, pattern recognition, and others.

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