

Special Issue

Medical Applications of Artificial Intelligence

Message from the Guest Editors

Artificial intelligence (AI) is having a transformative effect on the healthcare delivery in unprecedented ways. AI is revolutionizing the way medical professionals approach patient care, from early diagnosis to personalized treatments. AI is also influencing areas of telemedicine and remote patient monitoring. The integration of treatment and rehabilitation has shown promise and potential in improving the accuracy and speed of procedures while reducing the risk of human error. However, while the potential of AI in healthcare is vast, there are also concerns about ethical implications and consequences. It is important that AI is developed and deployed with a strong focus on patient-centred care and safety. This Special Issue of *Electronics* focuses on the novel advancements in medical applications of artificial intelligence, exploring the opportunities and challenges of this rapidly evolving field of healthcare delivery. With AI becoming an increasingly integral component of healthcare utilization, it is essential to continue this critical discussion and idea sharing about the role of AI in medicine and healthcare.

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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