

Special Issue

Artificial Intelligence and Internet of Things in Healthcare Systems

Message from the Guest Editors

The aim of healthcare is to promote a better quality of life. The traditional healthcare industry is facing numerous challenges today, including an aging society, telehealth, and a high labor cost. The development of Artificial Intelligence (AI) and the Internet of Things (IoT) also pushes the horizon of healthcare. Sensing and image processing are widely used in healthcare, and AI greatly improves the accuracy of these methods. On the other hand, it is rather challenging to apply AI to healthcare because of the high computing cost. Additionally, there remains much room for further research because extremely high accuracy is required in healthcare. IoT reduces the computing cost of AI and makes healthcare more convenient.

- AI-enhanced healthcare services
- IoT-enabled healthcare services
- Embedded system in healthcare
- AI hardware in healthcare
- Privacy and security in healthcare
- Human sensing in healthcare
- Human behavior modeling and analysis in healthcare
- Parallel processing/pipeline processing in healthcare
- Image processing for public health
- Biological and biomedical image processing

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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