

Special Issue

Challenges and Future Trends of Smart Healthcare Based on AI-Empowered IoT

Message from the Guest Editors

Smart healthcare, driven by Internet of Things (IoT) technologies and empowered by artificial intelligence (AI), offers significant potential for reshaping healthcare delivery and management. This Special Issue aims to gather original research and review articles addressing the challenges and future trends in leveraging AI-empowered IoT for enhancing healthcare systems. With the integration of IoT devices, sensors, data analytics, and AI capabilities, smart healthcare offers opportunities for personalized patient monitoring, efficient resource allocation, remote diagnostics, and proactive intervention. Topics of interest include but are not limited to the following:

- IoT-enabled medical devices and wearables;
- Remote patient monitoring systems;
- Data analytics for healthcare decision making;
- IoT-based medication adherence and management;
- Smart healthcare infrastructure and architecture;
- Reviews on challenges in IoT-enabled healthcare systems;
- Reviews on future trends and advancements in smart healthcare based on IoT.

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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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