

Special Issue

Smart Healthcare Systems Based on the Internet of Things and Artificial Intelligence

Message from the Guest Editors

Public healthcare informatics and its management is a critical issue for the wellbeing of the public healthcare community. In recent times, there is an immediate need to design and develop healthcare frameworks, public healthcare systems, and quality healthcare services to offer real-time updates related to patient conditions and medical reports to the doctors and caretakers. To advance the concept of smart public healthcare, there is a need to propose fog and edge computing-based medical tools which can collect health sensor data, process them, analyze them, and integrate them with intelligent healthcare applications. Topics of interest include but are not limited to the following:

- Design and development of smart public healthcare tools;
- Fog and edge computing-based healthcare frameworks;
- Design and development of healthcare tools to perform medical diagnosis using techniques such as medical imaging;
- Multimodal data collection and sensor-fusion based analysis of healthcare sensor data;
- AI-based healthcare diagnosis and prevention;
- Using data analytics in public healthcare for safety and security;

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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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