Special Issue

E-health System Based on Sensors and Artificial Intelligence

Message from the Guest Editor

The domain of eHealth is emerging alongside the advancement of information and telecommunication technologies and the need for improved healthcare services. The global eHealth market is growing at an astonishing rate (CAGR of 22.4%). eHealth is mainly driven by continuous need for patient monitoring and accessibility of healthcare records at various locations. The adoption of Artificial Intelligence (AI), smart cloud storage and smart devices, i.e., smartphone, wearable sensors and other sensing devices around us, provides significant support for personalized healthcare services to the patients, doctors, and hospitals. Due to eHealth evolution, there are remarkable overtures and challenges. eHealth needs to utilise recent advances in AI, sensors and communication techologies to provide innovative solution for healthcare, with particular focus on remote patient monitoring. The aim of this Special Issue is to collect original research and review articles discussing ways to improve eHealth in an AI and sensor-based environment.

Guest Editor

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About the Journal

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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