Application of Data Analytics in Smart Healthcare

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Deadline for manuscript submissions:
closed (25 August 2022)

Message from the Guest Editors

In recent years, the rapid increase of digitalization and emerging technology appearing in the healthcare sector has contributed to the improvement of patient care and attention.

Additionally, the scope and need of data analytics has become greater due to the rapid use of new software and technologies that make it easier to examine large volumes of data for hidden details. The application of data analytics in remote in-home monitoring makes it easier for doctors to stay in touch with patients.

Topics of interest include but are not limited to the following:

- Smart Monitoring systems for healthcare;
- Health data collection and management in smart buildings;
- Internet of Things sensor management over a wireless network in smart buildings;
- Machine learning medical big data analytics in the cloud;
- Internet of Things Sensor networks in artificial intelligence;
- Machine learning with big data for smart healthcare;
- Big data for the Internet of Medical Things;
- Challenges and applications of big data in smart healthcare systems;
- Security and privacy issues in Internet of Medical Things-enabled systems.

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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