Special Issue

Artificial Intelligence for Mobile Health

Message from the Guest Editors

Big data holds the key to unlocking the next level of diagnosis support systems. Big data-based diagnosis support systems are needed to address public health problems. That data comes from sensors that measure physiological signals, such as an electrocardiogram, heart rate, electroencephalogram, electromyogram, and electrooculogram, from the human body. In order to be diagnostically relevant, the data must be communicated to a central location where it can be processed and accessed by a human expert. Effectively, this is the Internet of Medical Things that allows human experts and artificial intelligence algorithms to work cooperatively on diagnosis and treatment monitoring. Establishing that a symbiotic work relationship has the potential to improve outcomes for patients and reduce the number of years lived with disability. Today, various machine learning and deep learning techniques have been applied for big data efficiently. Thus, this Special Issue focuses on the application of advanced artificial intelligence algorithms, such as machine learning and deep learning techniques, in a mobile health setting.

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