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Deep Learning for Analysis of Physiological Data from Wearable Sensors

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Message from the Guest Editors

Wearable sensors have recently gained attention due to their ability to measure and monitor physiological signals anytime and anywhere. These could potentially contribute to better management of chronic diseases such as diabetes, asthma, and cardiovascular diseases. With the emergence of deep learning, the hidden physiological features have been more accurately estimated. However, we also need to consider how the complicated deep learning computational resources are managed in the limited specification of wearable devices. This Special Issue is addressed to all the related topics for deep learning with physiological wearable sensors.

Keywords:

- wearable sensors
- physiological data analysis
- deep learning
- model optimization
- power and energy management

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Message from the Editor-in-Chief

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