Special Issue

Application of Machine Learning and Deep Learning in Biomedical Engineering

Message from the Guest Editor

After COVID-19, the machine learning and deep learning currently implemented in biomedical engineering is used to accurately measure and analyze biometric data, including blood pressure, respiration rate, and heart rate, to predict prognostic signs. Therefore, machine learning (ML) is becoming an essential factor in solving the problem of the analysis and integration of various types of sensor data. ML is also increasingly important for biometric data analysis and classification. In this Special Issue, we plan to demonstrate the usefulness of machine learning in solving these growing computing challenges by providing a primer for applying machine learning and deep learning to diverse biometric data sets. We invite your contributions (original research articles, reviews, or short perspective articles) on all aspects of the topic “Biomedical Engineering, Bio-measurement and Estimation, Machine Learning and Classification.” Articles with sound methodologies and scientific practices are especially welcome.

Guest Editor

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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.

Editor-in-Chief

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