



Application of Neural Networks in Biosignal Process

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Message from the Guest Editors

Current advancements in neural networks show their great applicability for supervised and unsupervised signal preprocessing and classification. Many phases of the biosignal process can be augmented with the use of ANN, deep learning, and many types of machine-learning-based methods: Signal denoising, unsupervised clustering, dimensionality reduction, latent features extraction, classification, and compression are only a few examples of the many possible applications, important for accurate and effective biosignals processing.

This Special Issue focuses on describing use cases of ANN in biosignal analysis, explaining innovative applications and new methods, and showing the benefits of neural networks in key phases of processing of signals or images.

Keywords

- Neural networks
- Deep learning
- Unsupervised learning
- Signal preprocessing
- Feature extraction
- Signal and image classification

Welcome to contribute!





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Message from the Editor-in-Chief

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