Special Issue

Diagnosis of Sleep Disorders Using Machine Learning Approaches

Message from the Guest Editors

This Special Issue will focus on the latest research advancements in the application of machine and deep learning techniques for the diagnosis, prediction, and treatment of sleep disorders.

This Special Issue aims to focus on the utilization of machine and deep learning to solve the above-mentioned problem. This includes (but is not limited to) the following topics:

• Diagnosis and prediction of sleep apnea;
• Analysis of sleep data, including polysomnography, actigraphy, and other wearable technologies;
• Integration of machine and deep learning with other diagnostic techniques, such as imaging and biomarkers;
• Automatic analysis of signals related to sleep apnea, such as snoring sounds or oxygen saturation levels, to detect and classify sleep apnea events;
• Sleep apnea screening in high-risk populations for individuals wWe look forward to receiving your submissions.

Sincerely,

Guest Editors

Dr. Alaa Sheta

Dr. Salim R. Surani

Dr. Shyam Subramanian

Deadline for manuscript submissions

closed (30 September 2024)

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About the Journal

Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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