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Sleep Disorders and Neural Networks

Guest Editors:

Prof. Dr. Rayleigh Ping Ying Chiang

Prof. Dr. Patrick J. Strollo

Prof. Dr. Murat Özgören

Deadline for manuscript submissions:
closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

Sleep is essential for people's health and daily functioning. As sleep disorders become more prevalent in the general population, recent advances in artificial intelligence help us to alleviate stress caused by sleep disorders.

This Special Issue aims to investigate the emerging and evolving technologies that impact the practice of sleep medicine. We aim to look into topics such as the accuracy of sleep testing devices in diagnosing sleep disorders, the clinical and consumer use of sleep technology in the context of the pandemic, and the use of artificial intelligence (AI), machine learning (ML) and deep learning (DL) in processing multiple sensor and data sources to provide recognizable sleep data outputs.

This Special Issue welcomes original research, clinical studies and review articles that help advance our understanding of the application of artificial intelligence in sleep medicine. We hope this topic will bring together those who are working in sleep medicine and will be beneficial for both clinicians and scientists.

Special Issue

Editor-in-Chief

Prof. Dr. Stephen D. Meriney
Department of Neuroscience,
University of Pittsburgh,
Pittsburgh, PA 15260, USA

Message from the Editor-in-Chief

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