

Special Issue

Sleep Disorders and Neural Networks

Message from the Guest Editors

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.

Guest Editors

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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