Special Issue

Sensors in Sleep Monitoring

Message from the Guest Editor

The gold-standard assessment of sleep uses polysomnography with multiple sensors, capturing simultaneous signals to unambiguously stage sleep, identify sleep disorders, and ultimately characterize an overall sleep phenotype. However, polysomnography is not without limitations, many of which can be overcome or mitigated with wearables and other remote-based sensors that are home-based, non-intrusive, affordable, and capable of capturing continuous data across multiple nights. The importance of sleep in overall health is being increasingly recognized, reflected by the burgeoning technology sector aimed at both the consumer- and provider-level markets. This Special Issue will highlight new sleep sensors, alogrithms, and other novel approaches to advancing the recording of sleep.

Guest Editor

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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