Special Issue

EEG and fNIRS-Based Sensors

Message from the Guest Editor

EEG and fNIRS-based sensors have been widely used in human–computer interfaces, medical diagnosis, and treatment in recent decades. They provide a non-invasive method to interact with the human brain and other tissues. This Special Issue, therefore, aims to compile original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of EEG and fNIRS-based sensors and systems. We are pleased to invite you to submit papers to this Special Issue. Topics include, but are not limited to, the following:

- Novel electrodes or fNIRS probes;
- Novel signal processing methods with EEG and fNIRS-based Sensors;
- Hemodynamic monitoring and interpretation;
- Multimode signal recording/processing;
- Time-domain near-infrared spectroscopy (TD-NIRS);
- Frequency-domain near-infrared spectroscopy (FD-NIRS);
- EEG and/or fNIRS-based sensors in the brain–computer interface;
- EEG and/or fNIRS-based sensors in theranostics;
- Reliability analysis and design;
- Algorithm to identify EEG and/or fNIRS data.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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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