

Special Issue

Intelligent Biomedical Systems: The Convergence of Sensors, Signal Processing, and Machine Learning

Message from the Guest Editor

This Special Issue highlights the integration of sensing technologies, advanced signal processing algorithms, and machine learning techniques to drive innovation in healthcare. By combining these fields, we will tackle critical challenges in biomedical science, enhance disease detection, and promote personalized treatment. We invite contributions focusing on novel biosensors, AI-driven diagnostic systems, wearable health monitoring devices, and clinical applications that improve patient outcomes in both clinical and remote settings.

Guest Editor

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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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