Special Issue

Metamaterial-Based and Bioinspired Technologies for Sensor Applications

Message from the Guest Editors

This Special Collection aims to explore recent advances and developments in the field of metamaterials and bioinspired sensing technologies and methods applicable to health monitoring systems, and provides a foundation for the design of a new class of bioinspired and metamaterial-based membranes/substrates that can improve the sensitivity and stretchability of sensors. It is intended to cover recent theoretical and experimental achievements in piezoelectric, electromagnetic, and triboelectric applications as well as other new or combinational concepts. The stretchability and sensitivity of wearable and flexible sensors at varying size scales and for different fabrication contents and characteristics may also be addressed. We invite researchers to submit original research, letters and review articles. For more information on the issue, please visit the Special Issue website at: https://www.mdpi.com/si/102637

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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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