

Special Issue

Micro/Nanostructured Sensors for Biomedical Applications

Message from the Guest Editor

The number of research articles on biomedical sensors has grown vastly over the last several years due to their great potential for in-situ, direct, and label-free detection of many chemical and biological substances. Developing novel sensors using MEMS has been a major area of research for many years, and many of these sensors have been commercialized and are now available on the market. Nanotechnology has also helped us to develop very sensitive sensors with applications in many areas. Moreover, MEMS and nanotechnology techniques have been used together to develop highly sensitive and smart sensors for biochemical, biological, and biomedical applications. This Special Issue aims to present a collection of articles describing the latest developments and most recent studies conducted in the area of MEMS/nanotechnology. We are particularly interested in studies that deal with integrated devices for sensors with application in biomedical areas including, but not limited to, diagnosis, drug discovery, and healthcare.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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