

Special Issue

Recent Advances in Biosensors for Healthcare and Biomedical Applications

Message from the Guest Editors

Biosensors are widely used for the detection, diagnosis, and treatment of diseases, health monitoring, and management. Recently, biosensors have increasingly captured attention in the fields of biomedicine and healthcare due to the great need resulting from the rapid development of big data and information communication technologies. In this Special Issue, the state of the art of biosensors will be reviewed with topics such as

- biosensor
- bioelectronics
- microfluidic chip
- lab-on-a-chip
- point-of-care testing
- plasmonic biosensors
- electrochemical biosensors
- bioMEMS
- bioCMOS
- wearable electronics

We hope that the review of recent advances of biosensors will inspire more researchers to carry out studies in the field and find new ways to apply them in the health and life sciences.
https://www.mdpi.com/journal/electronics/special_issues/TJIF59UJ1Q

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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