



Biosensors

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Special Issue Reprint

## Biosensors for Monitoring and Diagnostics

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This Reprint, entitled “Biosensors for Monitoring and Diagnostics”, collects research and review papers published in the Special Issue of the journal *Biosensors*, focusing on recent developments in biosensor technologies for monitoring and diagnostic applications. The Reprint covers a wide range of topics, including electrochemical and optical biosensors, nanomaterials and composites for biosensing, protein and nucleic acid engineering, enzyme immobilization, microfluidic and wearable biosensor systems, and point-of-care diagnostic devices. The collected papers demonstrate the importance of interdisciplinary approaches combining biotechnology, analytical chemistry, materials science, nanotechnology, and bioinformatics for the development of sensitive, selective, and robust biosensing platforms. This Reprint provides an overview of current trends and future perspectives in biosensors for healthcare, environmental monitoring, and analytical applications.

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