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Biosensors

A microscopic view of a biosensor chip surface, showing a dense array of small, circular features. The image is in grayscale with a blue tint.

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Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized.

Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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Aims

Biosensors (ISSN 2079-6374) provides an advanced forum for studies related to the science and technology of biosensors and biosensing. It publishes original research papers, comprehensive reviews and communications.

Scope

- Biological or biologically inspired sensors
- Biosensors based on electrochemical, optical, piezoelectric, thermal, magnetic or micromechanical
- DNA chips, lab-on-a-chip, microfluidics, nanobiosensors, biosensor fabrication, biomaterials, biosensor interfaces and membrane technology
- *In vitro* and *in vivo* applications
- Instrumentation, signal treatment and uncertainty estimation in biosensors
- Biosensors for: medicine; biomedical research; environment; security and defense; food; process industries and drug discovery

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