



Biosensors and MEMS-based Diagnostic Applications

Guest Editor:

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Message from the Guest Editor

Biosensors and micro-electromechanical systems (MEMS) have witnessed rapid development and enormous interest over the past decades. Constant advancement in diagnostic, medical and chemical applications has been demonstrated with regard to several platforms and tools. Biosensors, relying on various sensing platforms such as surface plasmon resonance, piezoelectric, electrochemical, lab-on-a-chip, and paper, have been broadly used in research.

The aim of this Special Issue is to cover biosensors and MEMS-based diagnostic applications in health care, chemistry, biotechnology, food safety and environmental monitoring. We invite full research papers, review articles and communications covering related topics included in the keywords below. We would like to collect up-to-date research from emerging investigators and pioneers and a collection of comprehensive reviews from leading experts in the field.





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Message from the Editor-in-Chief

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