

Sensors and Materials

Special Issue on Biosensors and Biofuel Cells for Smart Community and Smart Life

Call for Papers

Electrochemical biosensors that use biological components are accurate, fast, and inexpensive analytical devices with the advantage of easy integration into electronic devices, and they are widely employed in healthcare and environmental monitoring for smart communities and smart living. In this special issue, we will focus on developing novel electrochemical biosensors, including materials, systems, and fabrication technologies. The biosensor materials used to improve the performance of electrochemical biosensors can be carbon materials, metal oxides, nanomaterials, polymers, biomolecules, enzymes, antibodies, and microorganisms.

Scope:

Electrochemical biosensors	Nanomaterials
Electrochemical ion sensors	Nano-biocomposites
Microbial sensors	Polymers
Modified electrodes	Redox mediators
Lab-on-chip devices	Enzymes
Paper-based sensor devices	Biofuel cells (self-powered biosensors)
Microfluidics	Wearable applications

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If you have any questions, please feel free to contact the editorial staff at the address below.

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