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Semiconductor Nanomaterials-Based Biosensors and Their Applications

Guest Editor:

Prof. Dr. Jianmin Wu

Department of Chemistry,
Zhejiang University, Hangzhou
310012, China

Deadline for manuscript
submissions:

29 February 2024

Message from the Guest Editor

Dear Colleagues,

This Special Issue covers a range of topics, from the methods for preparation of semiconductor nanomaterials to their application in biosensor fields. These semiconductor-based sensing materials include semiconductor quantum dots, porous semiconductor, semiconductor nanowires, and 2D and 3D semiconductor microstructures. Manuscripts reporting recent advances on the application of semiconductor nanomaterials in chemical sensors and biosensors, theranostic platforms, microfluidic chips, and biomedical devices are encouraged. The goal of this Special Issue is to publish a range of articles that are useful to a wide readership in the fields of biosensors, biomedical engineering, and clinical diagnosis.

Prof. Dr. Jianmin Wu

Guest Editor



mdpi.com/si/136490

Special Issue



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Prof. Dr. Giovanna Marrazza

Department of Chemistry “Ugo Schiff”, University of Florence, via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

Message from the Editor-in-Chief

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Biosensors
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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