



Latest Developments of Nanomaterials and Nanotechnology for the Rapid Detection of Food Safety

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Message from the Guest Editor

Dear Colleagues,

We invite authors to contribute original research or comprehensive review articles covering the most recent progress and new developments in the applications of nanomaterials and nanotechnologies in food detection.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following areas:

- The development, synthesis, and fabrication of nanosensors and nanoprobes for food rapid detection application;
- Advanced nanotechnologies for food rapid detection;
- Nanomaterials and nanotechnology used for food sample pretreatment.





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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal-organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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