

Special Issue

Nanostructure-Based Plasmonic Sensing and Devices

Message from the Guest Editor

The rapid and sustained production of breakthroughs in the exciting field of plasmonics motivated us to solicit a Special Issue dedicated to “Nanostructure-Based Plasmonic Sensors and Devices”. Original research and review articles regarding the development of plasmonic nanostructures and their sensing applications are welcome. Research also focusing on plasmon–exciton interactions, plasmon-induced energy transfer, and plasmonic imaging are particularly encouraged. Topics of interest include, but are not limited to:

- Design/synthesis of plasmonic nanostructures;
- Plasmonic sensors;
- Plasmonic devices;
- Plasmon–exciton interactions;
- Plasmon-induced energy transfer;
- Plasmonic imaging.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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