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Nanomaterial-Based Sharp Focusing and Application

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Deadline for manuscript submissions:
closed (30 November 2021)

Message from the Guest Editors

This Special Issue aims to bring together fundamental and theoretical (including simulations) and experimental studies in the form of high-quality papers in the field of nanomaterial-based sharp focusing.

Topics will include, but are not limited to:

- *Sharp*-edged structure
- Sharp metal tip
- Super-resolution focusing by nanostructured materials
- Nanomaterial-based optical laser lithography *beyond* the *diffraction limit*
- Design and fabrication nanoscale structures with desirable physical, scattering and morphological properties
- Sensing, trapping, nano-manipulation and other applications of the nanomaterial-based sharp focusing devices

For further reading, please follow the link to the Special Issue Website at: http://www.mdpi.com/si/76503

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Editor-in-Chief

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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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