

Special Issue

New Advances in Applications of Nanoscale Imaging and Nanoscopy

Message from the Guest Editor

This Special Issue on “New Advances in Applications of Nanoscale Imaging and Nanoscopy” focuses on the comprehensive research outlining the progress on the application of nanoscale imaging of materials (including 1D and 2D materials, dopant profiling, and other nanomaterials) using electron microscopy, scanning probe microscopy, etc. It includes topics related to. In this Special Issue, the leading groups of the field have been invited to contribute original research articles and review articles covering the current progress on nanoscale imaging and nanoscopy.

Guest Editor

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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. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

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