Special Issue

Nanoscale Surface Engineering and Applications of Diamond Nanomaterials and Related Carbon-Based Nanomaterials

Message from the Guest Editors

This Special Issue welcomes original research articles and reviews on the surface modification, properties, and practical applications of diamond nanomaterials. Research areas may include (but are not limited to) the following:

- Diamond nanomaterials and related nanomaterials;
- Surface modification;
- Synthesis;
- Functionalization;
- Nanoparticle applications;
- Graphene;
- Graphene oxide;
- Carbon nanotubes.

Guest Editors

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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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