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State-of-the-Art Inorganic Materials and Metal-Organic Frameworks

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Deadline for manuscript submissions:

closed (31 August 2022)

Message from the Guest Editors

This Special Issue aims to provide a comprehensive overview of state-of-the-art inorganic materials and metal-organic frameworks in China. We invite research papers that will consolidate our understanding of inorganic materials and MOFs. The Special Issue will publish full research articles and systematic reviews. Potential topics include but are not limited to the following research areas:

- Composites, hybrid materials of inorganic materials and metal-organic frameworks;
- Nanoparticles and metal-organic frameworks;
- Metal-organic framework-derived inorganic materials;
- Catalysis of inorganic materials and metal-organic frameworks;
- Magnetic phenomena of inorganic materials and metal-organic frameworks;
- Optical properties of inorganic materials and metal-organic frameworks;
- Photocatalysis of inorganic materials and metal-organic frameworks;
- Electrocatalysis of inorganic materials and metal-organic frameworks;
- Sensing of inorganic materials and metal-organic frameworks;
- Water treatment of inorganic materials and metal-organic frameworks.



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Special Issue



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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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