Special Issue

Nanomaterials: Structures, Properties, Technological Uses and Environmental Impacts

Message from the Guest Editor

Crystal structures control the properties and behaviors of nanomaterials under different pressure and temperature conditions. Nanomaterials have superior characteristics compared to their bulk counterparts. Synthetic and natural nanomaterials have gained prominence in today's world because of their useful chemical and physical properties, and these materials also have toxicity and environmental impacts. This Special Issue aims to publish papers related to state-of-the-art experimental characterization of synthetic and natural nanomaterials, including but not limited to the following topics:

- Structural and chemical characterization of nanomaterials (1–1000 nm size range);
- Results of cutting-edge experimental techniques to nanomaterials (scattering and diffraction techniques, HRTEM, etc.);
- Properties and technological uses;
- Environmental impacts.

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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Author Benefits

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 27.4 days after submission; acceptance to publication is undertaken in 6.8 days (median values for papers published in this journal in the first half of 2024).