Special Issue

Advances in Inorganic Micro/Nano-Composites: Synthesis, Characterization and Applications

Message from the Guest Editor

A composite material is formed by combining different materials to create a new material with enhanced properties. It typically consists of a matrix material that holds a reinforcement material, resulting in enhanced strength, durability, or other desired characteristics. When at least one of the components in the composite is of an inorganic nature, it is referred to as an inorganic composite. Inorganic composites offer unique advantages and find applications in various fields. The Special Issue will concentrate on the following aspects related to inorganic composites:

- Novel synthesis methods for inorganic composites
- Metal matrix nanocomposites
- Functionalization and surface modification
- Hybrid inorganic-organic composites
- Inorganic nanocomposites
- Inorganic composites for sensing and detection
- Challenges and future prospects in the field of inorganic composites.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

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