



Hybrid Organic-Inorganic Materials Used to Improve the Environment and Human Health

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Message from the Guest Editors

In recent years, due to climate change, there has been increasing interest in the development of hybrid and nanocomposite materials. The state-of-the-art technology leads to the realization of many environmentally friendly materials or properties that help reduce pollution factors. Another important factor that contributes to this condition is the development and application of nanomaterials in medicine. The research focuses mainly on the design and engineering of these materials, which include metal-organic frameworks; covalent organic frameworks; zeolite materials; organic-inorganic hybrids; composites based on graphene or carbon nitride, as well as those based on metal, metal oxides, or polymers, and their applications.

Original research and review papers that will be published in this Special Issue will cover various topics including but not limited to the following:

- Preparative and processing techniques;
- Structure and morphology;
- Tailored optical properties;
- Dressings and biomaterials carrying drugs;
- Advanced catalyst systems;
- Natural pesticides;
- Smart packaging;
- Bioactive coatings;
- Electrochemical sensors.





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Message from the Editor-in-Chief

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