Special Issue

Carbonaceous Materials: Fabrication, Characterization and Applications—Second Edition

Message from the Guest Editors

Carbonaceous materials have revolutionized the field of materials science due to their adaptability and range of uses. Topics of interest include, but are not limited to, the following:

- Novel methods and techniques for the synthesis and fabrication of carbonaceous materials;
- Modification of the carbonaceous materials; composites and hybrids with tailored properties;
- Presenting advanced techniques and tools for characterizing the structure and properties of carbonaceous materials, providing insights into their behavior in different environments;
- Carbonaceous materials for the membrane separation process;
- Carbonaceous materials for the removal of pollutants from water and wastewater;
- Applications of carbonaceous materials in fields such as agriculture, energy storage, CO2 capture, and more.

We hope this Special Issue will inspire further research on the fabrication of novel carbonaceous materials. We also aim to propose efficient and sustainable methods for modifying materials to enhance their performance.

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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