Special Issue

Fabrication of Carbon and Related Materials/Metal Hybrids and Composites

Message from the Guest Editors

This Special Issue on “Fabrication of Carbon and related materials/ Metal Hybrids and Composites” focuses on novel developments and new processing methodologies in the fabrication and modification of carbon and its structure related materials and surface functionalization to improve its surface activities, catalytic application and to increase its adhesion to metals and its consolidation and sinterability for different applications. We invite high-quality submissions addressing current challenges in carbon/metal based materials preparation, including but not limited to the topics as listed below.

- Hybrid carbon/metallic materials
- Graphene and Graphene oxide hybrid materials
- Functionalization and surface treatments of carbon materials.
- Carbon/metal hybrid materials for removal of waste dyes.
- Carbon materials for catalytic application.
- Carbon materials for energy storage applications
- Carbon materials for water treatments application
- Carbon/metal hybrid materials for removal of waste dyes.
- Carbon fibers/ metal matrix composites
- Carbon nanotubes/metal matrix composites
- Graphite/metal matrix composites
- Diamond and related materials/metal matrix composites

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About the Journal

Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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