

Special Issue

Progress in Polymer Hybrid and Nano Composites for Energy and Environmental Applications

Message from the Guest Editors

It is our great pleasure to invite you to submit a manuscript to the Special Issue “Progress in Polymer Hybrid and Nano Composites for Energy and Environmental applications”, which will be published in the journal *Crystals*. This Special Issue will broadly focus on the following topics:

Design and synthesis of the organic and coordination polymers and their composite materials;
Applications of the polymer composites in energy and catalysis;

Metal–organic frameworks and covalent–organic frameworks: synthesis, crystal structures, optical and electrical properties, and their applications in appropriate fields;

Crystal structures of hybrid materials;
Semiconducting hybrid composite/nanocomposite materials;

Rational Design of nano-composites towards catalytic, energy, biological, and environmental applications;
Understanding of optical/electronic properties of nano-materials and hybrid nano-composite materials using novel spectroscopic methods.

We welcome you to contribute to the special issue, if the articles are related to the topics mentioned above, we also encourage you to submit them in the form of reviews.

Guest Editors

Dr. Ashok Yadav

Dr. Prashant Dubey

Dr. Kasala Prabhakar Reddy

Dr. Gurivi Reddy Yettapu

Deadline for manuscript submissions



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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

Prof. Dr. Alessandra Toncelli

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Author Benefits

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