

Special Issue

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

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.

Guest Editors

Dr. Radu Claudiu Fierascu

Emerging Nanotechnologies Group, National Institute for Research & Development in Chemistry and Petrochemistry, ICECHIM Bucharest, 060021 Bucharest, Romania

Dr. Florentina Monica Raduly

Laboratory of Functional Dyes and Related Materials, National Institute for Research and Development in Chemistry and Petrochemistry, ICECHIM, 060021 Bucharest, Romania

Deadline for manuscript submissions

closed (30 June 2022)



Crystals

an Open Access Journal
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Impact Factor 2.4
CiteScore 5.0



mdpi.com/si/95499

Crystals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
crystals@mdpi.com

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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
Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

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