

## Special Issue

# Latest Advances in Functional Polymeric Materials for Environmental and Biomedical Applications

### Message from the Guest Editors

Functional polymeric materials from different sources, either natural or synthetic, have captivated the attention of the entire world. In recent years, both academia and industry have been focused on finding new applications for such materials based on their special characteristics. This Special Issue on functional polymeric materials for environmental and biomedical applications is committed to the dissemination of advanced original research articles or thorough reviews on the latest developments in this field, proving functional polymeric materials to be scientific and commercial assets. The topics of interest for this Special Issue cover the latest advancements on functional polymeric materials in different forms such as nanoparticles, supramolecular assemblies, composites, metal–organic frameworks (MOFs), fibers, films, wound dressings, hydrogels, aerogels, layered films, etc., and their applications, such as environmental, water cleaning, air purification, drug delivery, anti-microbial, cancer, wound healing, implants, tissue engineering, electroactuation, etc.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 March 2025)



## Materials

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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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