

## Special Issue

# Conducting Polymers: Structure Characterization, Conductivity, and Application

### Message from the Guest Editors

Nowadays, the demand for green forms of technology that reduce both costs and energy consumption is increasing, and conducting polymers play a vital role in this specific field. Additionally, the challenges related to wastewater treatment are particularly being focused on at present; thus, conducting polymers are crucial, especially if they are used in the form of photocatalyst composites. The research topics covered in this issue are novel synthesis paths and new findings concerning the structure and conductivity of these polymers. This Special Issue also covers the preparation and application of diverse conducting polymer composites. One of the specific topics that this issue aims to promote is the utilization and development of different optimization tools/algorithms that can be applied to investigate the diverse properties of conducting polymers. For example, these tools are necessary for the extraction of miscellaneous parameters from data collected using electrochemical, structural, and spectroscopic methods.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 August 2023)



## 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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