Special Issue

Advances in π-Conjugated Organic Materials for Energy, Biomedical and Environmental Devices

Message from the Guest Editor

This proposed Special Issue aims to explore the latest advancements in π-conjugated organic materials and their applications in a wide range of devices, including energy, biomedical and environmental technologies. This Special Issue will focus on the diverse properties and versatile applications of π-conjugated organic materials, such as π-conjugated polymers, oligomers, graphene, carbon nanotubes and related compounds. We seek to cover a broad spectrum of topics, including but not limited to the following:

- The synthesis and design of novel π-conjugated organic materials.
- Their fundamental properties and structure–function relationships.
- Their applications in energy devices, such as solar cells and thermoelectric devices.
- Biomedical applications, including cell devices and biosensors.
- Environmental applications for water and wastewater treatment.

Guest Editor

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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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