Special Issue

Thermal, Mechanical and Dielectric Properties of Polymers and Polymer-Based Composites

Message from the Guest Editor

The Special Issue will cover recent research and progress in the field of polymer-based dielectric materials. The topics of interest include, but are not limited to, fundamental research on the relationship between microstructure and thermal, mechanical, and dielectric properties; the development of new dielectric materials for new applications; innovations in processing and characterization technologies; simulation and machine learning methods for the design of new materials; etc. Full papers, communications, and reviews are welcome. **Keywords**

- polymers
- composites
- dielectric properties
- mechanical properties
- thermal properties
- electronics
- energy storage
- modelling

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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