Special Issue

Applications of Polymer Materials: Adsorption, Catalysis, and Degradation

Message from the Guest Editor

Currently, polymer materials are one of the most widely used materials. Due to the special properties of polymers, many modern branches in fields such as medicine, pharmacy, electronics, optics, automotive, chemistry, etc., cannot work and develop effectively without using the specific and design properties of polymers. It is common practice to combine the features of various materials, as is the case with blends, composites or polymer hybrid materials, so that new products can meet increasingly sophisticated needs. Nowadays, biocompatibility, biodegradability and environmental friendliness have become particularly desirable features of polymeric materials. For this reason, the synthesis and applications of green and sustainable polymers are in the spotlight. This is also the case for biopolymers.

We invite you to submit a manuscript(s) for this Special Issue entitled Applications of Polymer Materials: Adsorption, Catalysis, and Degradation. We are also open to any interesting ideas regarding the utilization of new polymeric materials. Full papers, communications, and reviews are all welcome.

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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