Special Issue

Advances in Polymer Surface Modification

Message from the Guest Editor

Continued innovations in the polymer industry have made polymer surface modification methods a subject of intense research. These physical surface modification methods include flame, plasma discharge, microwaves, UV, gamma-ray, electron beam, ion beam, plasma, and laser treatments. This Special Issue of *Materials* titled "Advances in Polymer Surface Modification" is devoted to the principles of operation of aforementioned methods, their advantages and disadvantages, polymer surface characterization, experimental techniques developed for the characterization of polymer surfaces, physical chemistry of polymer surfaces, novel techniques for polymer surface modification, bio-mimetic and self-healing polymer interfaces, ecological aspects of polymer surface modification and related themes. Submission of research and review papers is encouraged.

Guest Editor

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Deadline for manuscript submissions

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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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