Special Issue

Advanced Polymers and Composites for Multifunctional Applications

Message from the Guest Editors

Advanced polymers and composites are an interesting and rapidly growing class of novel multifunctional materials with desirable properties, intended for specialized applications. They are considered promising materials for multifunctional applications, including biomedical, aerospace, automotive, electronics, energy, construction, and buildings, as well as in the chemical industry. This Special Issue of *Materials* will attempt to cover the most recent progress in advanced and high-performance multifunctional polymer (nano)composites, including their preparation, compatibilization, and processing, along with the properties and methods of their characterization. Papers on the applications of advanced multifunctional polymer (nano)composites, ranging from automotive and buildings, mechanical engineering, and energy to electronics and biomedicine, are welcome. We hope that this Special Issue will present perspectives on advanced multifunctional polymer systems. In this Special Issue, full research papers and reviews will be published.

Guest Editors

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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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