Special Issue

Advances in the Circularity of Polymeric and Composite Materials

Message from the Guest Editors

Polymeric and composite materials are ubiquitous today. However, to improve their sustainability, it is of paramount importance to make sure that their waste does not end up in landfill or in the environment, and to find ways to recover and reuse these materials in useful and profitable applications. To contribute to building a resource-efficient future, it has become essential to put them in the loop of a more circular economy. Eco-design, including design for recycling, has become the watchword, with several recycling techniques available and competing to achieve this ambitious goal. There is also an increasing number of attempts to reuse constitutive products recovered that way by reincorporating them into new materials or high value-added applications. Which methods achieve which objectives, however, and which make sense for various feedstocks? This Special Issue welcomes papers on the latest advances and development of recycling, recovery, and reuse of polymeric and composite materials.

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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