Special Issue

Durability and Life time of Polymers, Composites and Nanocomposites

Message from the Guest Editors

The life cycle of polymers and their composites and nanocomposites, inevitably implicates exposure to interactive environmental factors, such as heat, light, biological or chemical attacks, radiation with high energy, ozone, etc. These induce irreversible physical and/or chemical alterations in macromolecular chains, as well as in additives and/or fillers compounded. The complex and concomitant presence of different reaction routes, usually produce a decrease in material properties and performance.

The present Special Issue on “Durability and Life Time of Polymers, Composites and Nanocomposites” aims to publish original research, which either adds knowledge to the current understanding on polymer degradation and stability, as well as methodology to predict and/or improve the life time of polymers and their composites and nanocomposites. Critical reviews are also welcome.

It is our pleasure to invite you to submit a manuscript to this Special Issue.

Guest Editors

Dr. Giuliana Gorrasi
Department of Industrial Engineering, University of Salerno, Via Giovanni Paolo II, 132, 84084 Fisciano, Italy

Dr. Sabrina Carola Carroccio
CNR-IPCB, Via Paolo Gaifami 18, 95126 Catania, Italy

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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