



Advanced Polymer Composite Materials II

Guest Editors:

Prof. Dr. Xiao Hu

Department of Physics and
Astronomy, College of Science
and Mathematics, Rowan
University, Glassboro, NJ 08028,
USA

Prof. Dr. Francesco Trotta

Departement of Chemistry,
University of Turin, Via Pietro
Giuria 7, 10125 Turin, Italy

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Message from the Guest Editors

Dear Colleagues,

A polymer composite is a material system composed of two or more macro/micro/nano constituents of different shapes, properties or chemical compositions, at least one of which is a polymer. The design of multifunctional and tunable polymer-based composite materials is an emerging area of research with a wide range of applications. Polymer composite materials can be classified according to matrix materials and reinforcement geometries. By optimizing molecular interfaces between different components, polymer-based composite materials can also encompass a range of functions, such as thermal stability at different temperatures, elasticity to support diverse structures, electrical sensitivity in variable sensors, and optical properties for advanced fiberglass technology. In this Issue, we will highlight the latest developments in these advanced polymer composite materials, including their design, synthesis, characterization, manufacturing, and modeling, as well as their various applications. Both research and review articles are welcome.

Prof. Xiao Hu

Prof. Dr. Francesco Trotta

Guest Editors





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Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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