



Mechanical Properties of Polymer Composites

Guest Editors:

Dr. Julfikar Haider

Department of Engineering,
Manchester Metropolitan
University, Manchester, UK

Dr. Muhammad Rahman

Faculty of Engineering &
Environment, Northumbria
University, Newcastle upon Tyne
NE1 8ST, UK

**Prof. Dr. Gazi Md. Arifuzzaman
Khan**

Department of Applied Chemistry
and Chemical Engineering,
Islamic University, Kushtia 7003,
Bangladesh

Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editors

Polymer composite materials have recently acquired a large range of applications in a number of areas. In this Special Issue, we are seeking both cutting-edge original research and review papers on the latest advancements in novel polymer composite/nanocomposite design, manufacturing, characterization, and modeling. Today, polymer composites encompass a large number of different synthetic and natural polymers as matrix material and a wide variety of organic and inorganic filler materials in the form of fiber, macroparticles, microparticles, and nanoparticles. Recycling of conventional composite materials poses a huge challenge from an environmental point of view. More recently, polymers synthesized from biobased materials and with the addition of natural fiber have attracted a significant amount of attention among researchers for their ability to develop sustainable and biodegradable composite materials. The development of hybrid composite materials with multiple fillers and composite fabrication using 3D printing is of interest in this Special Issue.





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Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 5.0.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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Polymers Editorial Office
MDPI, St. Alban-Anlage 66
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