Special Issue

Hybrid Polymer-Inorganic Nanocomposite

Message from the Guest Editors

Nanoparticles are gaining wider importance and increasing utility in many areas of engineering and technology. Hybrid materials are composites consisting at least of two constituents at the nanometer or molecular level. Commonly, one of these compounds is inorganic and the other one organic in nature. In a hybrid composite which contains two or more types of fibers, disadvantages of one type of fiber can be complemented by the other having consequent advantages. Nano composites are particle-filled polymers with at least one dimension of the dispersed particle in nanometer scale.Some important features of nano composites include mechanical performance, thermal stability, dielectric behavior, excellent tribological properties, and adhesion to most substrates, good corrosion and scratch resistance. Further understanding and research is required to solve the trade-offs between enhancement of some properties and suppression of others based on requirements of application. A compilation of research in the area of Nanocomposite hybrid materials would provide necessary background information to interested researchers.

Guest Editors

Dr. Mohanapriya Venkataraman

Prof. Dr. Jiri Militky

Dr. Hafsa Jamshaid

Deadline for manuscript submissions

closed (31 December 2021)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/72779

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

mdpi.com/journal/polymers

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/journal/polymers

About the Journal

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 4.9.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker
Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

MDPI