Special Issue

Polymer-Metal Hybrid Materials

Message from the Guest Editors

Polymer–metal hybrid materials have attracted considerable interest due to their potential applications in advanced technologies, such as adsorption, separation, gas storage and antistatic coatings. Due to their unique electrical, mechanical, and thermal properties derived from their hybrid structure. The study of the interactions between the polymer matrix and metallic filler is essential for the technological implementation of the synthesis and engineering of hybrid structures with various dimensionalities and predictive physical and mechanical responses to the polymer–filler interface. This Special Issue includes an enormous scope of research based on polymer–metal hybrid materials. Topics include, but are not limited to, the following:

- Polymer–inorganic metal hybrid materials;
- Polymer–metal–organic framework (MOF) hybrid materials;
- Multifunctional polymer–metal hybrid materials;
- The special structure of polymer–metal hybrid materials;
- Polymer hybrid materials at the molecular level;
- Applications of polymer–metal hybrid materials.

Prof. Dr. Volkan Cecen

Guest Editors

Prof. Dr. Igor Krupa

Center for Advanced Materials, Qatar University, Doha P.O. Box 2713, Qatar

Prof. Dr. Volkan Cecen

Department of Mechanical Engineering, Rowan University, NJ 08028, USA

Deadline for manuscript submissions

closed (25 March 2023)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/99500

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 4.7.

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
Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 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