

Special Issue

POSS-Based Functional Nanomaterials, Composites, and Additives

Message from the Guest Editor

Polyhedral oligomeric silsesquioxanes (POSSs) have been used over the past few decades for a variety of applications, including as functional materials in optoelectronics, lightweight structures, and additive manufacturing. Moreover, among the significant advances made towards their use in fuel cells, optical devices, sensors, optoelectronics, solar energy harvesting, and thermoelectric devices, the POSS family is predicted to have high demand due to their capability in functional tunability via ligand-tailoring chemistry and having rigid and thermally stable silsesquioxane core structure. Thus, these hybrid structures have been incorporated into a variety of materials to enhance their properties, such as thermal stability, optical transparency, toughness, and solubility.

Guest Editor

Dr. Hemali Rathnayake

Nanoscience Department, University of North Carolina Greensboro, Greensboro, NC 27412, USA

Deadline for manuscript submissions

closed (15 June 2023)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/128890

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

[mdpi.com/journal/
polymers](https://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](https://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)