Special Issue

Organosilicon Materials for Emerging Applications

Message from the Guest Editor

Organosilicon materials have been known for more than 100 years since "silicone" was first raised by Kipping in 1908. By virtue of their unique and valuable properties, they have found applications in a wide range of areas. such as aerospace, construction, electronics, and biomedicine. However, compared to the tremendous application range of typical petroleum-base materials, their applications are still far from fully explored. In the past decade, the incorporation of organic and polymer synthetic methodologies in the area of organosilicon has led to a rapid development of organosilicon materials with various novel structures and functionalities, and thus pushed them find applications in emerging areas, such as separation, sensors, catalysis, organic light-emitting diodes, organic semiconductors, and wearable and flexible electronic devices, etc. The primary purpose of this special issue is to assemble the results about the design and preparation of novel organosilicon materials for emerging applications.

Guest Editor

Prof. Dr. Dengxu Wang

National Engineering Technology Research Center for Colloidal Materials & Key Laboratory of Special Functional Aggregated Materials, Ministry of Education, School of Chemistry and Chemical Engineering, Shandong University, Jinan 250100, China

Deadline for manuscript submissions

closed (31 July 2022)



Polymers

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.7 Indexed in PubMed



mdpi.com/si/86427

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



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

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)

