

Special Issue

Polymers for Oilfield Production Chemistry

Message from the Guest Editor

Oilfield production chemistry focuses on the impact of physicochemical changes in the production system on fluid flow. Common threats in this field include corrosion, gas hydrates, mineral scales, paraffin(waxes), asphaltenes, foaming, emulsions, etc. Common oilfield production chemicals include corrosion inhibitors, hydrate inhibitors, scale inhibitors, wax inhibitors, asphaltene inhibitors, defoamers, demulsifiers, biocides, oxygen scavengers, and chemicals for enhanced oil recovery. Extensive research has been carried out by both academia and industry in the field of production chemicals, especially regarding polymeric production chemicals, with the aim of controlling elevated production chemistry threats in more challenging oilfield operations, such as high-temperature high-pressure fields, shale productions, and offshore developments. This Special Issue aims to give an overview of the latest advances in oilfield production chemicals and their applications in a diverse range of production chemistry areas with a focus on advances in the synthesis, characterization, testing, and applications of polymeric production chemicals for controlling oilfield production chemistry threats.

Guest Editor

Dr. Ping Zhang

Faculty of Science and Technology, University of Macau, Taipa, Macau

Deadline for manuscript submissions

closed (31 July 2023)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.7
CiteScore 8.0
Indexed in PubMed



mdpi.com/si/124039

Polymers

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 4.7
CiteScore 8.0
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)