

## Special Issue

# Advanced Polymer Composites in Oil Industry

### Message from the Guest Editors

Synthetic polymers commonly derived from the oil industry include polyethylene, polypropylene, polystyrene, poly(conjugated diene), etc. With the increasing demand in social life and industrial activities, some special polymers, and those with excellent properties, are required. This has brought new challenges to the synthesis, characterization, modification, and application of polymer composites. As a filler to petroleum, coal-based polymers and composites have also received wide attention in academic and industrial circles. In addition, the extensive use of polymer materials has attracted attention in terms of their recycling and utilization. This Special Issue provides a platform to share the latest achievements for polymer composites in the oil industry. Potential topics include but are not limited to:

- Copolymerization of olefins and O- and S-containing polar monomers;
- Synthesis and application of biodegradable polymers;
- Coal-based polymers and composites;
- Design and preparation of organic and organometallic catalysts;

New techniques for polymer recovery and utilization.

### Guest Editors

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### Deadline for manuscript submissions

closed (10 March 2024)



## Polymers

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Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



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### 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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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