

## Special Issue

# Polymer Composites for Separation and Purification

### Message from the Guest Editor

Polymers and their composites present various advantages, such as providing a high surface area for rapid decontamination, advanced processability and stability, high selectivity, tunable surface properties, and cost-saving. This issue will highlight the latest research works performed in the fabrication, characterization, and application of different polymer composites, such as polymer/polymer, polymer/clay, polymer/metal, polymer/carbon, etc. Research works that involve the following factors taken into account to achieve high separation efficiency and selectivity are invited to this issue: (a) physical and chemical properties of composites; (b) fabrication methods to avoid the agglomeration of the functional compounds or fillers inside the composites; (c) interaction between polymer and functional compounds; and (d) mechanism of separation of essential or unwanted components from mixtures of compounds. Welcome both original contributions and reviews related to development of novel polymer composites applied in separation and purification applications.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 October 2022)



## Polymers

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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 4.9.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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