Special Issue

The Adsorption of Polymers during Mineral Processing, Nonferrous Metallurgy and Water Treatment

Message from the Guest Editors

As is well known, polymers play a significant role in many fields. In mineral processing, polymers can be used as flotation agents and foam stabilizers. By chemically interacting with the mineral surface, polymers selectively adsorb onto the mineral surface, thereby achieving mineral separation. In nonferrous metallurgy, polymers can be used as extractants and separators for the extraction and separation of metals such as copper, nickel, and cobalt. In wastewater treatment, polymers can be used as adsorbents to remove heavy metal ions from wastewater. Polymer adsorbents have high adsorption capacity and selectivity, which can efficiently remove heavy metal ions from wastewater and reduce environmental pollution caused by wastewater. This Special Issue aims to deliver new insights and report on the recent progress in the field of polymeric membranes for mineral processing, nonferrous metallurgy, and water treatment, and we also aim to present new ideas and achievements. Authors are welcome to submit their latest results in the form of original full articles, communications, or reviews on this wide topic.

Guest Editors

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Deadline for manuscript submissions

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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
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