Special Issue

Polymeric Sorbents for Water Treatment: Recent Advances and Developments

Message from the Guest Editor

This *Polymers* (MDPI) collection is dedicated to the purification of alternative (impaired) environmental water sources, by identifying a **suitable polymeric- and bio-polymeric-based sorbents** such as those commercially available and synthetically developed and subsequently tailored with suitable modifications to the fluorescent probe for the sensing of heavy metals, aromatic nitro compounds, volatile organic compounds, organic dyes, and pesticides, including insecticides from various other emerging pollutants in the environmental sector. Successively, this developed adsorbent must be applied for water treatment applications in lab scale and industrial needs, an additionally the research gaps needed for freshwater necessities, state-of-the-art technologies and developments, and the improvements needed to reduce cost-effective treatments such as wastewater remediation. The published papers will cover the fields of groundwater (geo-thermal), industrial, and agricultural water reclamation, seawater desalination, and municipal water purification, as well as recycling and reuse for diverse applications.

Guest Editor

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker
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