

Special Issue

Polymeric Materials for Wastewater Purification

Message from the Guest Editors

Water pollution and freshwater scarcity are a worldwide problem, with dramatic economic and social implications. As a result, modern societies have dedicated enormous economic, political, industrial, and scientific efforts in order to treat, purify, recover, and reuse water from municipal, industrial, and/or agro-industrial waste sources. Specific efforts have considered the research and application of polymeric-based materials for water purification. Polymeric materials can be applied in very different forms and thorough different process or unit operations. Typical examples of applications are precipitation, flocculation, adsorption, and filtration. This issue is dedicated to presenting some of the latest advances in the use of polymeric materials for wastewater treatment, purification, and/or water reuse. The topics of interests include but are not limited to polymeric-based membranes (microfiltration, ultrafiltration, nanofiltration reverse osmosis, forward osmosis), chemical precipitation through polymeric coagulants/flocculants, polymeric-based nanocomposites, hydrogels for physical adsorption, water disinfectants (such as chitosan), etc.

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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