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Conducting Polymer Composites for Water Purification

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Deadline for manuscript submissions:
closed (15 January 2024)

Message from the Guest Editors

Dear Colleagues,

Various conducting polymers (e.g., polyaniline, polypyrrole, PEDOT, etc.) have attracted enormous attention due to their interesting physicochemical properties. They show relatively high conductivity, outstanding redox and ion-exchange capability, and reversible doping/dedoping behavior. Conducting polymers have been used in a wide spectrum of applications, and among these, wastewater treatment has shown exponential growth.

The aim of this Special Issue is to highlight recent developments in basic and applied research on conducting polymers and their composites in the removal of organic and inorganic contaminants from wastewater. The topics of interest include but are not limited to:

- Synthesis of conducting polymers and their composites with various functional fillers.
- Physicochemical characterization of novel composites.
- Application in wastewater treatment (adsorption, photocatalysis, and electrocatalysis).

It is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Dr. Islam Minisy
Dr. Patrycja Bober
Guest Editors

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Special Issue

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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 5.0.

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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