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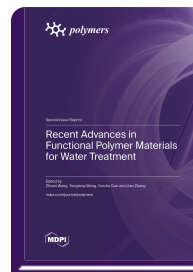
Recent Advances in Functional Polymer Materials for Water Treatment

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This SI presents a platform for researchers to disseminate recent advances in the fundamentals, science, and technology of functional polymeric materials for use in water treatment. High-quality original articles, review articles, case studies, and short communications in this Special Issue cover topics such as:

- Polymeric coagulants and adsorbents for water purification;
- Polymeric separation membranes and ion-exchange resins for water treatment and reuse;
- Polymeric materials for enhancing biological water treatment (filler, bioaugmentation agents, etc.);
- Polymeric materials for use in water treatment, anti-scaling, scale removal, corrosion inhibition, and the suppression of bacteria and algae;
- Fabrication, modification, and characterization of polymeric materials for water treatment;
- Other polymeric material-related applications for pollutant detection in and removal from water (filtration, catalytic oxidation, electrode, sensors, etc.).



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