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Recent Development of Nanocomposite Membranes for Water and Wastewater Treatment

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Deadline for manuscript submissions:
closed (10 March 2023)

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims at collecting a compilation of articles, which cover research articles, reviews and communications, with topics areas focused on the development of nanocomposite membranes for water and wastewater treatment. We are pleased to invite you to submit your original manuscript to this Special Issue. However, an earlier manuscript submission is recommended.

In this Special Issue, original research articles, reviews and communications are welcome. Research areas may include (but not limited to) the following:

- Development of nanocomposite membrane
- Synthesis of nanomaterials for nanocomposite membrane
- Nanocomposite membrane modification and functionalization
- Green synthesis of nanocomposite membrane
- Computational studies of nanocomposite membrane
- Life-cycle analysis of nanocomposite membrane
- Anti-fouling nanocomposite membrane
- Wastewater treatment and desalination
- Liquid separation

See more information at https://mdpi.com/si/105836. We look forward to receiving your contributions.

Guest Editors

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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call "nanomaterials". These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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