

Special Issue

Polymeric Membrane Innovations in Membrane Bioreactor Applications

Message from the Guest Editor

Polymeric membranes, also known as organic membranes, are the primary choice of membranes for use in MBR technology. This is because they offer several advantages, such as great manufacturability, low cost for large-scale manufacturing, high flexibility, good selectivity, easy processability, and low energy requirements. The most commonly used organic membranes are those fabricated from polyvinylidene fluoride (PVDF), polyethersulfone (PES), and polypropylene (PE). The primary aim of this Special Issue is to highlight the application of polymeric membranes in MBR technology. I invite authors to submit high-quality original research and review articles that explore, but are not limited to, the following themes:

- Effectiveness and applications of MBRs;
- Applications of polymeric membranes;
- Configurations of MBRs;
- Fouling phenomenon in MBRs;
- Polymeric-membrane cleaning.

Guest Editor

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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