

Special Issue

Preparation and Functional Application of Nanocomposite Membranes

Message from the Guest Editor

Society demands a clean environment and plentiful supply of electricity and purified water. Keeping these in mind, this Special Issue aims to discuss the development of nanocomposite membranes and their functional application in gas and liquid separation, which are capable of maintaining a cleaner environment. Papers are invited in the following areas:

- Nanocomposite membranes for CO₂ separation;
- Nanocomposite membranes for water purification;
- Nanocomposite membranes for organic solvent nanofiltration;
- Mechanical and thermal properties of membranes;
- Morphology of nanocomposite membranes;
- Tuning functional properties of nanocomposite membranes.

Guest Editor

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Deadline for manuscript submissions

closed (10 March 2023)



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About the Journal

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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