



New Frontiers in Polymeric Membranes Applications

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Message from the Guest Editors

Dear Colleagues,

Membrane science and technologies are a key component for addressing many important issues such as drinking water, energy and elimination of environmental burdens etc. Currently, membranes have become an integral part of industrial processes with considerable commercial and technical importance. Polymeric membranes applications are varied and in recent years have evolved into many fields and are intensively investigated for application in fields such as barrier properties for packaging films; gas separation; water purification processes including nano/micro filtration, reverse osmosis; electrodialysis; dialysis; hemodialysis, and protective coatings (paint). Various emerging technologies employs polymeric membranes such as in secondary batteries and fuel cell applications, several optoelectronic applications, and conductive polymeric coatings and films.

This special issue welcomes articles on different aspects of membrane applications but are not limited to:

- Energy storage and generation
- Electronics
- Biomedical applications
- Sensors
- Separation and water purification techniques
- Gas or liquid capture
- Membrane design using Industry 4.0 Technology





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Message from the Editor-in-Chief

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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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