

Special Issue

Membranes for Selective Separation of Emergency Contaminants from Wastewater

Message from the Guest Editors

Research on membranes technology has established the versatility of these materials in a wide range of applications. For example, membrane technology is widely accepted to produce various qualities of water from surface water, well water, brackish water, and seawater. In addition, membrane technology is also used in industrial processes and industrial wastewater treatment, and, lately, membrane technology has moved into the area of treating secondary and tertiary municipal wastewater. However, the impact of new membranes has gained another dimension. For example, they are seen as devices for eliminating selected compounds or enantioselective membranes for chiral separations, which is one of the most challenging and important problems in bio-separation technology. This Special Issue welcomes research and review articles as well as short communications that contribute to the broad spectrum of applications in advanced membranes materials for the elimination of emergency contaminants (dyes, pharmaceuticals, pesticides, endocrine disruptors) from wastewater.

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