



membranes



Special Issue Reprint

Advanced Membrane Technologies for Wastewater Treatment and Recycling

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In light of the escalating challenge posed by water scarcity, membrane technology has been extensively harnessed in wastewater treatment and recycling, owing to its distinctive advantages. This reprint focuses on cutting-edge advancements and forthcoming prospects in membrane technologies applied to wastewater treatment and recycling. It encompasses membrane fabrication and modification, the utilization of membrane bioreactors in wastewater treatment, the dynamics of water transport during membrane filtration, the elucidation of membrane fouling mechanisms, strategies for mitigating fouling, and various other pertinent topics.



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