



membranes



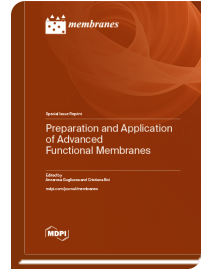
Special Issue Reprint

Preparation and Application of Advanced Functional Membranes

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ISBN 978-3-7258-3260-6 (Hardback)
ISBN 978-3-7258-3259-0 (PDF)



This reprint offers updated studies on functional membranes for strategic areas such as water cleaning and reuse, environmental remediation, drug delivery, energy recovery, and CO₂ capture, but also the recycling of bio-based and ecofriendly materials for membrane manufacturing and purification processes that impact important domains of society and industry. Theoretical modelling, structure–transport assessment, and experimental findings contribute to creating a multidisciplinary representation of membrane science in its many facets. This reprint is a useful reference for inspiring scientists and students who want to tackle scientific and societal challenges within a sustainable and circular chemistry framework.



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