

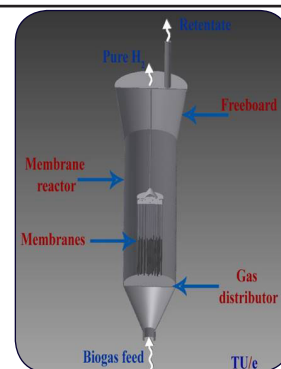
Graphical Abstracts

Membrane Reactors: A Way to Increase Efficiency

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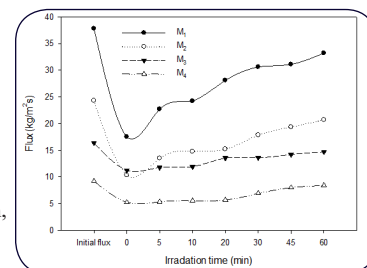
Editorial Note

Effect of Ultrasonication on the Membrane Structure and Flux Recovery for the Whey UltrafiltrationShabnam Azami ¹, Mehdi Amirinejad ^{2,*}

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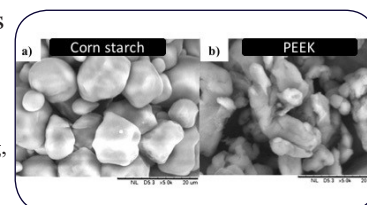
Research Paper

Pore Former Addition in the Preparation of Highly Porous Anode Using Phase-Inversion Technique for Solid Oxide Fuel CellSiti Halimah Ahmad ¹, Siti Munira Jamil ^{1,2}, Mohd Hafiz Dzarfan Othman ^{1,*}, Mukhlis A Rahman ¹, Juhana Jaafar ¹, Ahmad Fauzi Ismail ¹

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Research Paper

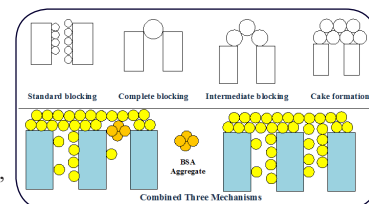
Graphical Abstracts

Research Paper

Combined Three Mechanisms Models for Membrane Fouling during Microfiltration

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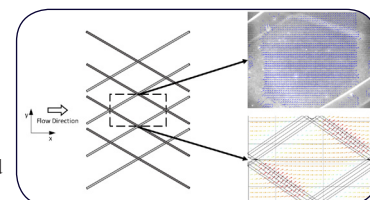
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Research Paper

Comparisons of Experimental and Simulated Velocity Fields in Membrane Module Spacers

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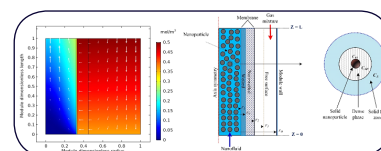
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Research Paper

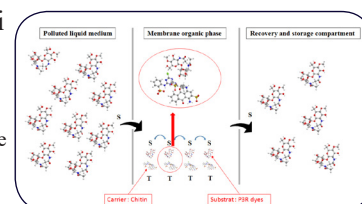
Modeling and Simulation of CO₂ Absorption Enhancement in Hollow-Fiber Membrane Contactors using CNT-Water-Based Nanofluids

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Research Paper

Oriented Processes for Extraction and Recovery of Blue P3R Dye across Hybrid Polymer Membranes: Parameters and MechanismYoussef Chaouqi ^{1,2,*}, Rachid Ouchn ^{1,2}, Eljaddi Tarik ¹, Jada Amane ³, Mehdi Elbouchti ², Omar Cherkaoui ², Miloudi Hlaibi ¹¹ Laboratoire Genie des Materiaux pour Environnement et Valorisation (GeMEV), Equipe I3MP, Universite Hassan II, Faculte des Sciences Ain Chock, B.P. 536, Maarif, Casablanca, Morocco² Laboratoire de Recherche sur les Materiaux Textiles (REMTEX), ESITH, Casablanca, Morocco³ Institut de Sciences Des Materiaux De Mulhouse (IS2M-UMR 7361 CNRS - UHA)- Mulhouse, FranceEmail: chaouqi.youssef@gmail.com (Y. Chaouqi)

Graphical Abstracts

Synthesis and Application of Functionalized Carbon Nanotube Infused Polymer Membrane (fCNT/PSF/PVA) for Treatment of Phenol-Containing Wastewater

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