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Forward osmosis: Principles, applications, and recent developments

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1961	A Self-Standing, Support-Free Membrane for Forward Osmosis with No Internal Concentration Polarization.		
1960	MetalOrganic Framework Nanocomposite Thin Films with Interfacial Bindings and Self-Standing Robustness for High Water Flux and Enhanced Ion Selectivity.		
1959	Sub1 m Free-Standing Symmetric Membrane for Osmotic Separations.		
1958	Removal of natural steroid hormones from wastewater using membrane contactor processes. 2006 , 40, 7381-6		159
1957	Forward osmosis for concentration of anaerobic digester centrate. 2007 , 41, 4005-14		431
1956	Modeling water flux in forward osmosis: Implications for improved membrane design. 2007 , 53, 1736-1744		288
1955	Polybenzimidazole (PBI) nanofiltration hollow fiber membranes applied in forward osmosis process. <i>Journal of Membrane Science</i> , 2007 , 300, 6-12	9.6	204
1954	Yale constructs forward osmosis desalination pilot plant. 2007 , 2007, 7-8		37
1953	Influence of membrane support layer hydrophobicity on water flux in osmotically driven membrane processes. <i>Journal of Membrane Science</i> , 2008 , 318, 458-466	9.6	377
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1951	Water, salt, and ethanol diffusion through membranes for water recovery by forward (direct) osmosis processes. <i>Journal of Membrane Science</i> , 2008 , 325, 467-478	9.6	50
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- 4 Analysis of upper-secondary education students' models and perceptions after an analogy-based didactic intervention. 1-17 0
- 3 Surfactant-induced intervention in interfacial polymerization to develop highly-selective thin-film composite membrane for forward osmosis process. **2023**, 116617 0
- 2 Polyamide Membrane Tailored by Codeposition of a UiO-66 Metal-Organic Framework Nanostructure-Based Interlayer for Forward Osmosis. 0
- 1 Residual tissue magnesium concentration in jellyfish (*Aurelia aurita* and *Cassiopea andromeda*) following magnesium chloride euthanasia. 0

