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**Validation of assisted forward osmosis (AFO) process:  
Impact of hydraulic pressure**

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#	Paper	IF	Citations
100	Membrane Processes. <i>Water Environment Research</i> , <b>2014</b> , 86, 1101-1197	2.8	
99	Forward osmosis for application in wastewater treatment: a review. <i>Water Research</i> , <b>2014</b> , 58, 179-97	12.5	533
98	Solution-diffusion with defects model for pressure-assisted forward osmosis. <i>Journal of Membrane Science</i> , <b>2014</b> , 470, 323-333	9.6	35
97	Application of ultrasound to mitigate calcium sulfate scaling and colloidal fouling. <i>Desalination</i> , <b>2014</b> , 336, 153-159	10.3	24
96	Characterising nanostructure functionality of a cellulose triacetate forward osmosis membrane using electrical impedance spectroscopy. <i>Journal of Membrane Science</i> , <b>2014</b> , 467, 292-302	9.6	14
95	Mesoporous Silica Gel-Based Mixed Matrix Membranes for Improving Mass Transfer in Forward Osmosis: Effect of Pore Size of Filler. <i>Scientific Reports</i> , <b>2015</b> , 5, 16808	4.9	11
94	Pressure-Assisted Osmosis (PAO) for Water Purification. <b>2015</b> , 445-463		
93	Effects of operating conditions and membrane structures on the performance of hollow fiber forward osmosis membranes in pressure assisted osmosis. <i>Desalination</i> , <b>2015</b> , 365, 381-388	10.3	32
92	Draw Solutes in Forward Osmosis Processes. <b>2015</b> , 85-113		3
91	Pressure assisted forward osmosis for shale gas wastewater treatment. <i>Desalination and Water Treatment</i> , <b>2015</b> , 54, 829-837		12
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87	Evaluation of apparent membrane performance parameters in pressure retarded osmosis processes under varying draw pressures and with draw solutions containing organics. <i>Journal of Membrane Science</i> , <b>2015</b> , 493, 636-644	9.6	37
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85	Continuous and discontinuous pressure assisted osmosis (PAO). <i>Journal of Membrane Science</i> , <b>2015</b> , 476, 182-193	9.6	27
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83	Salinity gradient power and desalination. <b>2016</b> , 281-313		7
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55	Pressure-retarded osmosis with wastewater concentrate feed: Fouling process considerations. <i>Journal of Membrane Science</i> , <b>2017</b> , 542, 233-244	9.6	26
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