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Selection of inorganic-based draw solutions for forward osmosis applications

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#	Paper	IF	Citations
593	Superior Antifouling Capability of Hydrogel Forward Osmosis Membrane for Treating Wastewaters with High Concentration of Organic Foulants.		
592	Bidirectional permeation of electrolytes in osmotically driven membrane processes. 2011 , 45, 10642-51		85
591	Synthesis and characterization of novel forward osmosis membranes based on layer-by-layer assembly. 2011 , 45, 5201-8		203
590	Experimental study of a 4040 spiral-wound forward-osmosis membrane module. 2011 , 45, 7737-45		69
589	Synthesis of high flux forward osmosis membranes by chemically crosslinked layer-by-layer polyelectrolytes. <i>Journal of Membrane Science</i> , 2011 , 381, 74-80	9.6	151
588	Influence of monomer concentrations on the performance of polyamide-based thin film composite forward osmosis membranes. <i>Journal of Membrane Science</i> , 2011 , 381, 110-117	9.6	134
587	Electrospun nanofiber supported thin film composite membranes for engineered osmosis. <i>Journal of Membrane Science</i> , 2011 , 385-386, 10-19	9.6	243
586	Effects of membrane orientation on process performance in forward osmosis applications. <i>Journal of Membrane Science</i> , 2011 , 382, 308-315	9.6	144
585	Modeling double-skinned FO membranes. <i>Desalination</i> , 2011 , 283, 178-186	10.3	80
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583	A novel low energy fertilizer driven forward osmosis desalination for direct fertigation: Evaluating the performance of fertilizer draw solutions. <i>Journal of Membrane Science</i> , 2011 , 375, 172-181	9.6	329
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581	Determination of a constant membrane structure parameter in forward osmosis processes. <i>Journal of Membrane Science</i> , 2011 , 375, 241-248	9.6	60
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