

# Fundamental water and salt transport properties of pol

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Citation Report

#	ARTICLE	IF	CITATIONS
9	Ammonium Bicarbonate Transport in Anion Exchange Membranes for Salinity Gradient Energy. ACS Macro Letters, 2013, 2, 814-817.	2.3	29
10	Ionic Resistance and Permselectivity Tradeoffs in Anion Exchange Membranes. ACS Applied Materials & Interfaces, 2013, 5, 10294-10301.	4.0	232
11	Dissolution Control of Mg by Cellulose Acetate-Polyelectrolyte Membranes. ACS Applied Materials & Interfaces, 2014, 6, 22393-22399.	4.0	11
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14	Poly(arylene ether sulfone) containing thioether units: synthesis, oxidation and properties. RSC Advances, 2014, 4, 23191-23201.	1.7	15
15	Influence of multivalent ions on renewable energy generation in reverse electrodialysis. Energy and Environmental Science, 2014, 7, 1434-1445.	15.6	179
16	Specific ion effects on membrane potential and the permselectivity of ion exchange membranes. Physical Chemistry Chemical Physics, 2014, 16, 21673-21681.	1.3	160
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24	Synthesis and properties of sodium vinylbenzene sulfonate-grafted poly(vinylidene fluoride) cation exchange membranes for membrane capacitive deionization process. Macromolecular Research, 2015, 23, 1126-1133.	1.0	18
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26	Effect of ambient carbon dioxide on salt permeability and sorption measurements in ion-exchange membranes. Journal of Membrane Science, 2015, 479, 55-66.	4.1	40
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29	Predicting the Rejection of Major Seawater Ions by Spiral-Wound Nanofiltration Membranes. <i>Environmental Science &amp; Technology</i> , 2015, 49, 8631-8638.	4.6	35
30	Correlation between macroscopic sugar transfer and nanoscale interactions in cation exchange membranes. <i>Journal of Membrane Science</i> , 2015, 493, 311-320.	4.1	20
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#	ARTICLE	IF	CITATIONS
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502	Prediction of equilibrium water uptake and ions diffusivities in ion-exchange membranes combining molecular dynamics and analytical models. <i>Journal of Membrane Science</i> , 2023, 668, 121283.	4.1	4
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