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Experimental results from RO-PRO: a next generation system for low-energy desalination

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#	Paper	IF	Citations
127	Module-scale analysis of pressure retarded osmosis: performance limitations and implications for full-scale operation. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 12435-44	10.3	88
126	Comparison of energy efficiency and power density in pressure retarded osmosis and reverse electrodialysis. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 11002-12	10.3	133
125	Thermodynamic analysis of a stand-alone reverse osmosis desalination system powered by pressure retarded osmosis. <i>Desalination</i> , <b>2014</b> , 352, 27-37	10.3	21
124	Forward osmosis niches in seawater desalination and wastewater reuse. <b>2014</b> , 66, 122-139		259
123	Recent Advances in Osmotic Energy Generation via Pressure-Retarded Osmosis (PRO): A Review. <b>2015</b> , 8, 11821-11845		54
122	Hybrid pressure retarded osmosis/membrane distillation (PROMD) process for osmotic power and clean water generation. <b>2015</b> , 1, 507-515		43
121	Stand-alone seawater RO (reverse osmosis) desalination powered by PV (photovoltaic) and PRO (pressure retarded osmosis). <b>2015</b> , 86, 423-435		41
120	Osmotic power generation by pressure retarded osmosis using seawater brine as the draw solution and wastewater retentate as the feed. <b>2015</b> , 479, 148-158		133
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2 Progress in membranes for pressure retarded osmosis application. **2023**, 549, 116347 ○

1 Effectively using heat to thermally enhance pressure retarded osmosis. **2023**, 556, 116570 ○