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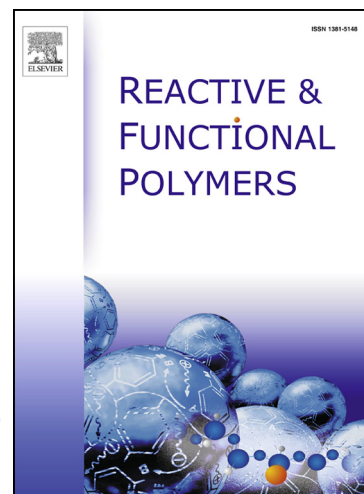
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Thin film composite nanofiltration membranes fabricated from polymeric amine polyethylenimine imbedded with monomeric amine piperazine for enhanced salt separations

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Highlights

- Single-ply polyamide TFC membrane from a polyamine embedded with a monomeric amine
- Two-ply polyamide membrane formed layer-by-layer to improve membrane performance
- Effects of reactant composition and deposition sequence were investigated
- Membranes showed good nanofiltration performance

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