

Sub-10 nm polyamide nanofilms with ultrafast solvent separation

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Citation Report

#	ARTICLE	IF	CITATIONS
13	Outperforming nature's membranes. <i>Science</i> , 2015, 348, 1317-1318.	12.6	26
14	Tailoring the structure of polyamide thin film composite membrane with zwitterions to achieve high water permeability and antifouling property. <i>RSC Advances</i> , 2015, 5, 98730-98739.	3.6	29
15	Fabrication of Adsorbents with Thermocontrolled Molecular Gates for Both Selective Adsorption and Efficient Regeneration. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500829.	3.7	21
16	Single-Walled Carbon Nanotube Film Supported Nanofiltration Membrane with a Nearly 10 nm Thick Polyamide Selective Layer for High-Flux and High-Rejection Desalination. <i>Small</i> , 2016, 12, 5034-5041.	10.0	298
17	Claisen thermally rearranged (CTR) polymers. <i>Science Advances</i> , 2016, 2, e1501859.	10.3	33
18	Tunable molecular separation by nanoporous membranes. <i>Nature Communications</i> , 2016, 7, 13872.	12.8	208
19	Interfacial polymerization on PES hollow fiber membranes using mixed diamines for nanofiltration removal of salts containing oxyanions and ferric ions. <i>Desalination</i> , 2016, 394, 176-184.	8.2	72
20	Relationship between performance deterioration of a polyamide reverse osmosis membrane used in a seawater desalination plant and changes in its physicochemical properties. <i>Water Research</i> , 2016, 100, 326-336.	11.3	31
21	Influence of substrate processing and interfacial polymerization conditions on the surface topography and permselective properties of surface-patterned thin-film composite membranes. <i>Journal of Membrane Science</i> , 2016, 512, 50-60.	8.2	68
22	Nanocomposite Membrane with Different Carbon Nanotubes Location for Nanofiltration and Forward Osmosis Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 2990-2997.	6.7	65
23	Polymer nanofilms with enhanced microporosity by interfacial polymerization. <i>Nature Materials</i> , 2016, 15, 760-767.	27.5	594
24	Novel polyamide thin-film composite nanofiltration membrane modified with poly(amidoamine) and SiO ₂ gel. <i>RSC Advances</i> , 2016, 6, 45585-45594.	3.6	20
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27	Current trends in interfacial polymerization chemistry. <i>Progress in Polymer Science</i> , 2016, 63, 86-142.	24.7	282
28	Nanofiltration Membranes with Narrow Pore Size Distribution via Contra-Diffusion-Induced Mussel-Inspired Chemistry. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29696-29704.	8.0	59
29	Nickel hydroxide nanosheet membranes with fast water and organics transport for molecular separation. <i>Nanoscale</i> , 2016, 8, 18428-18435.	5.6	26
30	Recyclable Thermosets Based on Dynamic Amidation and Aza-Michael Addition Chemistry. <i>Macromolecules</i> , 2016, 49, 7814-7824.	4.8	41

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32	Thin film composite nanofiltration membrane prepared by the interfacial polymerization of 1,2,4,5-benzene tetracarbonyl chloride on the mixed amines cross-linked poly(ether imide) support. Journal of Membrane Science, 2016, 520, 19-28.	8.2	84
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