

# Hydrophilic Silver Nanoparticles Induce Selective Nano Nanocomposite Polyamide Membranes

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Citation Report

#	ARTICLE	IF	CITATIONS
2	The upper bound of thin-film composite (TFC) polyamide membranes for desalination. <i>Journal of Membrane Science</i> , 2019, 590, 117297.	4.1	381
3	Tailoring Polyamide Rejection Layer with Aqueous Carbonate Chemistry for Enhanced Membrane Separation: Mechanistic Insights, Chemistry-Structure-Property Relationship, and Environmental Implications. <i>Environmental Science &amp; Technology</i> , 2019, 53, 9764-9770.	4.6	91
4	Hydrophilic Selective Nanochannels Created by Metal Organic Frameworks in Nanofiltration Membranes Enhance Rejection of Hydrophobic Endocrine-Disrupting Compounds. <i>Environmental Science &amp; Technology</i> , 2019, 53, 13776-13783.	4.6	111
5	Facile co-sintering process to fabricate sustainable antifouling silver nanoparticles (AgNPs)-enhanced tight ceramic ultrafiltration membranes for protein separation. <i>Journal of Membrane Science</i> , 2020, 593, 117402.	4.1	52
6	Preparation and characterization of high-performance electrospun forward osmosis membrane by introducing a carbon nanotube interlayer. <i>Journal of Membrane Science</i> , 2020, 616, 118563.	4.1	45
7	Morphological effect of ZnO nanostructures on desalination performance and antibacterial activity of thin-film nanocomposite (TFN) membrane. <i>Desalination</i> , 2020, 495, 114673.	4.0	39
8	Incorporation of lysine-modified UiO-66 for the construction of thin-film nanocomposite nanofiltration membrane with enhanced water flux and salt selectivity. <i>Desalination</i> , 2020, 493, 114661.	4.0	45
9	Engineering Heterostructured Thin-Film Nanocomposite Membrane with Functionalized Graphene Oxide Quantum Dots (GOQD) for Highly Efficient Reverse Osmosis. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 38662-38673.	4.0	51
10	High-Performance Zwitterionic Nanofiltration Membranes Fabricated via Microwave-Assisted Grafting of Betaine. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 35523-35531.	4.0	23
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12	Mechanistic Insights into the Role of Polydopamine Interlayer toward Improved Separation Performance of Polyamide Nanofiltration Membranes. <i>Environmental Science &amp; Technology</i> , 2020, 54, 11611-11621.	4.6	137
13	Probing the Contributions of Interior and Exterior Channels of Nanofillers toward the Enhanced Separation Performance of a Thin-Film Nanocomposite Reverse Osmosis Membrane. <i>Environmental Science and Technology Letters</i> , 2020, 7, 766-772.	3.9	41
14	Rationally designed in-situ fabrication of thin film nanocomposite membranes with enhanced desalination and anti-biofouling performance. <i>Journal of Membrane Science</i> , 2020, 615, 118542.	4.1	40
15	Optimized Size and Distribution of Silver Nanoparticles on the Surface of Titanium Implant Regarding Cell Viability. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7063.	1.3	9
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17	Electrospray-Printed Three-Tiered Composite Membranes with Enhanced Mass Transfer Coefficients for Phenol Removal in an Aqueous-Aqueous Membrane Extractive Process. <i>Environmental Science &amp; Technology</i> , 2020, 54, 7611-7618.	4.6	26
18	Improving chlorine resistance and separation performance of thin-film composite nanofiltration membranes with in-situ grafted melamine. <i>Desalination</i> , 2020, 489, 114539.	4.0	49
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21	Graphene oxide membranes: controlling their transport pathways. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15319-15340.	5.2	118
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#	ARTICLE	IF	CITATIONS
147	Roles and gains of coordination chemistry in nanofiltration membrane: A review. <i>Chemosphere</i> , 2023, 318, 137930.	4.2	10
148	Fabrication of polyamide membranes by interlayer-assisted interfacial polymerization method with enhanced organic solvent nanofiltration performance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2023, 663, 131075.	2.3	9
149	Thin-film composite membrane for desalination containing a sulfonated UiO-66 material. <i>Journal of Materials Science</i> , 2023, 58, 3134-3146.	1.7	0
150	Improved heterogeneous photo-Fenton-like degradation of ofloxacin through polyvinylpyrrolidone modified CuFeO <sub>2</sub> catalyst: Performance, DFT calculation and mechanism. <i>Separation and Purification Technology</i> , 2023, 311, 123261.	3.9	7
151	Construction of MOFs-based nanocomposite membranes for emerging organic contaminants abatement in water. <i>Frontiers of Environmental Science and Engineering</i> , 2023, 17, .	3.3	7
152	Fouling-resistant surface modification of forward osmosis membranes using MoS <sub>2</sub> -Ag nanofillers. <i>Surfaces and Interfaces</i> , 2023, 38, 102844.	1.5	3