

Chitosan-based hollow nanofiber membranes with poly alcohol for efficient removal and filtration of organic dy

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Fabrication and characterisation of novel chitosan-based polymer inclusion membranes and their application in environmental remediation. <i>International Journal of Biological Macromolecules</i> , 2023, 244, 125400.	7.5	0
2	Comparative Study of the Extraction of Cu(II) and Fe(II) Ions Using Chitosan and Modified Chitosan/Polyvinylpyrrolidone Adsorptive Membranes: Adsorption, Kinetic, and Thermodynamic Study. <i>ACS Applied Polymer Materials</i> , 2023, 5, 6048-6060.	4.4	0
3	Efficient Disposal of Basic Fuchsin Dye from Aqueous Media Using ZrO ₂ /MgMn ₂ O ₄ /Mg(Mg _{0.333} Mn _{1.333})O ₄ as a Novel and Facilely Synthesized Nanocomposite. <i>Inorganics</i> , 2023, 11, 363.	2.7	9
4	Self-assembled electrospun PVA/CMC/PEO composite fiber film material with enhanced dye adsorption performance for wastewater treatment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2023, 678, 132461.	4.7	2
5	Methanol extract of Iraqi Kurdistan Region <i>Daphne mucronata</i> as a potent source of antioxidant, antimicrobial, and anticancer agents for the synthesis of novel and bioactive polyvinylpyrrolidone nanofibers. <i>Frontiers in Chemistry</i> , 0, 11, .	3.6	0
6	Tragacanth gum-enhanced adsorption performance of polyvinyl alcohol nanofibers for cationic crystal violet dye removal. <i>Biomass Conversion and Biorefinery</i> , 0, , .	4.6	1
7	A bifunctional imidazolium-based porous organic polymer for efficient detection of Cr ²⁺ and adsorptive separation of Cr ²⁺ and MO in water. <i>Journal of Water Process Engineering</i> , 2024, 57, 104573.	5.6	1
8	Biomagnetic chitosan-ethylene glycol diglycidyl ether/organo-nanoclay nanocomposite for azo dye removal: A statistical modeling by response surface methodology. <i>International Journal of Biological Macromolecules</i> , 2024, 255, 128075.	7.5	3
9	Simple Synthesis and Characterization of Cobalt Ferrite Nanoparticles for the Successful Adsorption of Indigo Carmine Dye from Aqueous Media. <i>Inorganics</i> , 2023, 11, 453.	2.7	2
10	Functionalization of Calcium Silicate/Sodium Calcium Silicate Nanostructures with Chitosan and Chitosan/Glutaraldehyde as Novel Nanocomposites for the Efficient Adsorption of Cd(II) and Cu(II) Ions from Aqueous Solutions. <i>Silicon</i> , 2024, 16, 1713-1730.	3.3	2
11	Superhydrophobic and breathable polydimethylsiloxane/nano-SiO ₂ @polylactic acid electrospun membrane with core-sheath fiber structure. <i>Progress in Organic Coatings</i> , 2024, 187, 108126.	3.9	0
12	Improving astaxanthin-loaded chitosan/polyvinyl alcohol/graphene oxide nanofiber membranes and their application in periodontitis. <i>International Journal of Biological Macromolecules</i> , 2024, 258, 128980.	7.5	0
13	The Investigation of the Production of Salt-Added Polyethylene Oxide/Chitosan Nanofibers. <i>Materials</i> , 2024, 17, 132.	2.9	0
14	Facile construction of a core-shell structured metal-organic frameworks nanofiber membrane for removing Co(II) from simulated radioactive wastewater. <i>Separation and Purification Technology</i> , 2024, 336, 126295.	7.9	0
15	Functional and antibacterial characterization of electrospun nanofiber membranes made of chitosan and polyvinyl alcohol. <i>Results in Chemistry</i> , 2024, 7, 101314.	2.0	0
16	Efficient Photocatalytic Decomposition of Acid Blue 25 Dye using Facilely Synthesized Magnesium Aluminate Nanoparticles. <i>Water Conservation Science and Engineering</i> , 2024, 9, .	1.7	0
17	Enhancing contaminant rejection efficiency with ZIF-8 molecular sieving in sustainable mixed matrix membranes. <i>Chemical Engineering Journal</i> , 2024, 482, 148954.	12.7	1
18	Efficient removal of dyes, heavy metals and oil-water from wastewater using electrospun nanofiber membranes: A review. <i>Journal of Water Process Engineering</i> , 2024, 59, 104983.	5.6	0

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19	Chitosan-vermiculite composite adsorbent: Preparation, characterization, and competitive adsorption of Cu(II) and Cd(II) ions. <i>Journal of Water Process Engineering</i> , 2024, 59, 105044.	5.6	0
20	Activated carbon-decorated electrospun polystyrene fibers for highly efficient removal of hazardous crystal violet dye from water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2024, 688, 133612.	4.7	0
21	One-Step Prepared Multifunctional Polyacrylonitrile/MIL-100(Fe) Membrane with High-Density Porous Fibers for Efficient Dye/Oil Wastewater Remediation. <i>Langmuir</i> , 2024, 40, 6550-6561.	3.5	0
22	Immobilization of natural extract from <i>Humulus lupulus</i> L. in electrospun polyvinyl alcohol nanofibrous membrane for colorimetric determination of ferric. <i>Journal of Molecular Liquids</i> , 2024, 399, 124447.	4.9	0
23	Developments of Core/Shell Chitosan-Based Nanofibers by Electrospinning Techniques: A Review. <i>Fibers</i> , 2024, 12, 26.	4.0	0