

Hui Ye

List of Publications by Year in descending order

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papers

439
citations

623734

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docs citations

24
times ranked

576
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic effects of zeolite imidazole framework@graphene oxide composites in humidified mixed matrix membranes on CO ₂ separation. RSC Advances, 2018, 8, 6099-6109.	3.6	93
2	Antifouling slippery liquid-infused membrane for separation of water-in-oil emulsions. Journal of Membrane Science, 2020, 611, 118289.	8.2	43
3	Tuning the performance of CO ₂ separation membranes by incorporating multifunctional modified silica microspheres into polymer matrix. Journal of Membrane Science, 2016, 514, 73-85.	8.2	35
4	Hemocompatible poly(lactic acid) membranes prepared by immobilizing carboxylated graphene oxide via mussel-inspired method for hemodialysis. RSC Advances, 2018, 8, 153-161.	3.6	29
5	Aggregation and supramolecular chirality of 5,10,15,20-tetrakis-(4-sulfonatophenyl)-porphyrin on an achiral poly(2-(dimethylamino)ethyl methacrylate)-grafted ethylene-vinyl alcohol membrane. Journal of Materials Chemistry C, 2015, 3, 3650-3658.	5.5	19
6	Protein adsorption and desorption behavior of a pH-responsive membrane based on ethylene vinyl alcohol copolymer. RSC Advances, 2017, 7, 21398-21405.	3.6	19
7	A porphyrin-based optical sensor membrane prepared by electrostatic self-assembled technique for online detection of cadmium(II). Chemosphere, 2020, 238, 124552.	8.2	19
8	Single-sided superhydrophobic fluorinated silica/poly(ether sulfone) membrane for SO ₂ absorption. Journal of Membrane Science, 2019, 580, 190-201.	8.2	18
9	Enhanced hydrolysis of cellulose by catalytic polyethersulfone membranes with straight-through catalytic channels. Bioresource Technology, 2019, 294, 122119.	9.6	17
10	pH-responsive ethylene vinyl alcohol copolymer membrane based on porphyrin supramolecular self-assembly. RSC Advances, 2016, 6, 10704-10712.	3.6	16
11	Similarly sized protein separation of charge-selective ethylene vinyl alcohol copolymer membrane by grafting dimethylaminoethyl methacrylate. Journal of Applied Polymer Science, 2018, 135, 46374.	2.6	16
12	Design of isolated iron species for Fenton reactions: lyophilization beats calcination treatment. Chemical Communications, 2015, 51, 16936-16939.	4.1	15
13	NH ₂ -MIL-125 filled mixed matrix membrane contactor with SO ₂ enrichment for flue gas desulfurization. Chemical Engineering Journal, 2022, 428, 132595.	12.7	15
14	Superhydrophobic Surface-Constructed Membrane Contactor with Hierarchical Lotus-Leaf-Like Interfaces for Efficient SO ₂ Capture. ACS Applied Materials & Interfaces, 2021, 13, 1827-1837.	8.0	15
15	Alkali-responsive membrane prepared by grafting dimethylaminoethyl methacrylate onto ethylene vinyl alcohol copolymer membrane. Journal of Applied Polymer Science, 2015, 132, .	2.6	11
16	Design of Lubricant-Infused Surfaces Based on Mussel-Inspired Nanosilica Coatings: Solving Adhesion by Pre-Adhesion. Langmuir, 2021, 37, 10708-10719.	3.5	11
17	Adsorption behavior and self-aggregation of 5,10,15,20-tetrakis-(4-sulfonatophenyl)-porphyrin on quaternized polysulfone membrane. Colloid and Polymer Science, 2015, 293, 513-522.	2.1	10
18	Dual-gating pH-responsive membranes with the heterogeneous structure for whey protein fractionation. Journal of Membrane Science, 2022, 641, 119849.	8.2	10

#	ARTICLE	IF	CITATIONS
19	Removal of Heavy Metal in Drinking Water Resource with Cation-Exchange Resins (Type 110-H) Mixed PES Membrane Adsorbents. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2015, 19, .	2.0	9
20	Manipulation of Grafting Location via Photografting To Fabricate High-Performance Ethylene Vinyl Alcohol Copolymer Membrane for Protein Separation. <i>ACS Omega</i> , 2019, 4, 3514-3526.	3.5	6
21	Investigation of microfiltration for pretreatment of whey concentration. <i>Desalination and Water Treatment</i> , 2011, 34, 173-178.	1.0	5
22	Hectogram-scale green synthesis of hierarchical 4A zeolite@CuO _x (OH) _(2ⁿ2x) (0 ≤ x < 1) nanosheet assemblies core-shell nanoarchitectures with Superb Congo red adsorption performance. <i>RSC Advances</i> , 2020, 10, 6405-6413.	3.6	4
23	Protein fractionation of pH-responsive brush-modified ethylene vinyl alcohol copolymer membranes. <i>Polymer Engineering and Science</i> , 0, , .	3.1	3
24	Constructing rapid water vapor transport channels within mixed matrix membranes based on two-dimensional mesoporous nanosheets. <i>Communications Chemistry</i> , 2022, 5, .	4.5	1