

De Sun

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

198
citations

1306789

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h-index

1372195

10
g-index

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10
docs citations

10
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric 5-sulfosalicylic acid-PVA catalytic pervaporation membranes for the process intensification in the synthesis of ethyl acetate. <i>Separation and Purification Technology</i> , 2022, 282, 120113.	3.9	4
2	The effect of chitosan (CS) coagulation bath on structure and performance of polylactic acid (PLA) microfiltration membrane. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 1307-1315.	1.2	2
3	A novel 5-sulfosalicylic acid - Polyvinyl alcohol - Hydroxyethyl cellulose vapor permeation membrane for gas dehumidification. <i>Polymer</i> , 2022, 254, 125048.	1.8	4
4	Electrochemical manufacture of graphene oxide/polyaniline conductive membrane for antibacterial application and electrically enhanced water permeability. <i>Journal of Membrane Science</i> , 2021, 640, 119844.	4.1	15
5	One step electrochemical fabricating of the biomimetic graphene skins with superhydrophobicity and superoleophilicity for highly efficient oil-water separation. <i>Separation and Purification Technology</i> , 2020, 236, 116293.	3.9	33
6	One-Step Electrochemically Prepared Graphene/Polyaniline Conductive Filter Membrane for Permeation Enhancement by Fouling Mitigation. <i>Langmuir</i> , 2020, 36, 2209-2222.	1.6	16
7	PVA/SO ₄ ²⁻ -AAO difunctional catalytic-pervaporation membranes: Preparation and characterization. <i>Separation and Purification Technology</i> , 2020, 241, 116739.	3.9	16
8	PDMS/PVDF microporous membrane with semi-interpenetrating polymer networks for vacuum membrane distillation. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45792.	1.3	11
9	Preparation and characterization of PDMS-PVDF hydrophobic microporous membrane for membrane distillation. <i>Desalination</i> , 2015, 370, 63-71.	4.0	66
10	Preparation and characterization of cross-linked poly (vinyl alcohol)/hyperbranched polyester membrane for the pervaporation dehydration of ethylene glycol solution. <i>European Polymer Journal</i> , 2015, 62, 155-166.	2.6	31