

# De Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7625717/publications.pdf>

Version: 2024-02-01

10  
papers

198  
citations

1306789

7  
h-index

1372195

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

276  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of PDMS-PVDF hydrophobic microporous membrane for membrane distillation. <i>Desalination</i> , 2015, 370, 63-71.	4.0	66
2	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
3	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
4	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
5	PVA/SO <sub>4</sub> <sup>2-</sup> -AAO difunctional catalytic-pervaporation membranes: Preparation and characterization. <i>Separation and Purification Technology</i> , 2020, 241, 116739.	3.9	16
6	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
7	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
8	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
9	A novel 5-sulfosalicylic acid - Polyvinyl alcohol - Hydroxyethyl cellulose vapor permeation membrane for gas dehumidification. <i>Polymer</i> , 2022, 254, 125048.	1.8	4
10	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