

# Deyin Hou

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

599  
citations

840776

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1125743

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docs citations

13  
times ranked

794  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of PVDF flat-sheet membranes for direct contact membrane distillation. Separation and Purification Technology, 2014, 135, 211-222.	7.9	104
2	Hydrophobic nanostructured wood membrane for thermally efficient distillation. Science Advances, 2019, 5, eaaw3203.	10.3	81
3	Boron removal from aqueous solution by direct contact membrane distillation. Journal of Hazardous Materials, 2010, 177, 613-619.	12.4	71
4	Preparation and characterization of PVDF/nonwoven fabric flat-sheet composite membranes for desalination through direct contact membrane distillation. Separation and Purification Technology, 2012, 101, 1-10.	7.9	60
5	Titanium nitride nanoparticle embedded membrane for photothermal membrane distillation. Chemosphere, 2020, 256, 127053.	8.2	52
6	Optimizing stretching conditions in fabrication of PTFE hollow fiber membrane for performance improvement in membrane distillation. Journal of Membrane Science, 2018, 550, 126-135.	8.2	51
7	Enhancement of energy utilization using nanofluid in solar powered membrane distillation. Chemosphere, 2018, 212, 554-562.	8.2	51
8	Electrospun porous poly(tetrafluoroethylene-co-hexafluoropropylene-vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	43
9	Fluoride removal from brackish groundwater by direct contact membrane distillation. Journal of Environmental Sciences, 2010, 22, 1860-1867.	6.1	40
10	Preparation of hydrophobic PVDF hollow fiber membranes for desalination through membrane distillation. Water Science and Technology, 2009, 59, 1219-1226.	2.5	23
11	Ozone mass transfer behaviors on physical and chemical absorption for hollow fiber membrane contactors. Water Science and Technology, 2017, 76, 1360-1369.	2.5	12
12	Membrane cleaning in membrane distillation of reverse osmosis concentrate generated in landfill leachate treatment. Water Science and Technology, 2022, 85, 244-256.	2.5	9
13	Concentrating primary reverse osmosis concentrate by direct contact membrane distillation. Water Science and Technology: Water Supply, 2010, 10, 403-410.	2.1	2