

Hung Cong Duong

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

786

citations

13

h-index

28

g-index

28

ext. papers

943

ext. citations

7.8

avg, IF

4.27

L-index

#	Paper	IF	Citations
26	Treatment of RO brine from CSG produced water by spiral-wound air gap membrane distillation □ A pilot study. <i>Desalination</i> , 2015 , 366, 121-129	10.3	156
25	Evaluating energy consumption of air gap membrane distillation for seawater desalination at pilot scale level. <i>Separation and Purification Technology</i> , 2016 , 166, 55-62	8.3	111
24	Optimising thermal efficiency of direct contact membrane distillation by brine recycling for small-scale seawater desalination. <i>Desalination</i> , 2015 , 374, 1-9	10.3	82
23	Scaling control during membrane distillation of coal seam gas reverse osmosis brine. <i>Journal of Membrane Science</i> , 2015 , 493, 673-682	9.6	81
22	Membrane scaling and prevention techniques during seawater desalination by air gap membrane distillation. <i>Desalination</i> , 2016 , 397, 92-100	10.3	50
21	A novel electrospun, hydrophobic, and elastomeric styrene-butadiene-styrene membrane for membrane distillation applications. <i>Journal of Membrane Science</i> , 2018 , 549, 420-427	9.6	49
20	Liquid desiccant lithium chloride regeneration by membrane distillation for air conditioning. <i>Separation and Purification Technology</i> , 2017 , 177, 121-128	8.3	46
19	Membrane distillation and membrane electrolysis of coal seam gas reverse osmosis brine for clean water extraction and NaOH production. <i>Desalination</i> , 2016 , 397, 108-115	10.3	37
18	Assessing the performance of solar thermal driven membrane distillation for seawater desalination by computer simulation. <i>Journal of Membrane Science</i> , 2017 , 542, 133-142	9.6	33
17	Membrane distillation to regenerate different liquid desiccant solutions for air conditioning. <i>Desalination</i> , 2018 , 443, 137-142	10.3	22
16	Exploration of an innovative draw solution for a forward osmosis-membrane distillation desalination process. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 5203-5211	5.1	20
15	Forward osmosis membrane distillation hybrid system for desalination using mixed trivalent draw solution. <i>Journal of Membrane Science</i> , 2020 , 603, 118029	9.6	18
14	A novel application of membrane distillation to facilitate nickel recovery from electroplating wastewater. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 23407-23415	5.1	17
13	Water and nutrient recovery by a novel moving sponge - Anaerobic osmotic membrane bioreactor - Membrane distillation (AnOMBR-MD) closed-loop system. <i>Bioresource Technology</i> , 2020 , 312, 123573	11	13
12	Membrane Processes for the Regeneration of Liquid Desiccant Solution for Air Conditioning. <i>Current Pollution Reports</i> , 2019 , 5, 308-318	7.6	11
11	Membrane Distillation for Strategic Water Treatment Applications: Opportunities, Challenges, and Current Status. <i>Current Pollution Reports</i> , 2020 , 6, 173-187	7.6	10
10	Advances in Membrane Materials and Processes for Desalination of Brackish Water. <i>Current Pollution Reports</i> , 2019 , 5, 319-336	7.6	6

9	Low Carbon Desalination by Innovative Membrane Materials and Processes. <i>Current Pollution Reports</i> , 2018 , 4, 251-264	7.6	6
8	A breakthrough dynamic-osmotic membrane bioreactor/nanofiltration hybrid system for real municipal wastewater treatment and reuse. <i>Bioresource Technology</i> , 2021 , 342, 125930	11	6
7	Seawater membrane distillation desalination for potable water provision on remote islands [A case study in Vietnam. <i>Case Studies in Chemical and Environmental Engineering</i> , 2021 , 4, 100110	7.5	5
6	Membrane distillation regeneration of liquid desiccant solution for air-conditioning: Insights into polarisation effects and mass transfer. <i>Environmental Technology and Innovation</i> , 2020 , 19, 100941	7	3
5	A new perspective on small-scale treatment systems for arsenic affected groundwater. <i>Environmental Technology and Innovation</i> , 2021 , 23, 101780	7	1
4	Assessment of pilot direct contact membrane distillation regeneration of lithium chloride solution in liquid desiccant air-conditioning systems using computer simulation. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	1
3	Combining flowform cascade with constructed wetland to enhance domestic wastewater treatment. <i>Environmental Technology and Innovation</i> , 2022 , 102537	7	1
2	Influence of operating parameters and membrane fouling on nutrient transport by FO membrane. <i>Journal of Water Process Engineering</i> , 2022 , 47, 102699	6.7	0
1	Decentralised, small-scale coagulation-membrane treatment of wastewater from metal recycling villages - a case study from Vietnam. <i>Water Science and Technology</i> , 2020 , 82, 2125-2133	2.2	