

# Luke Chen

## List of Publications by Year in descending order

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12  
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1163117  
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#	ARTICLE	IF	CITATIONS
1	Enhancing the Permeate Flux of Direct Contact Membrane Distillation Modules with Inserting 3D Printing Turbulence Promoters. <i>Membranes</i> , 2021, 11, 266.	3.0	10
2	Distillate Flux Enhancement of Direct Contact Membrane Distillation Modules with Inserting Cross-Diagonal Carbon-Fiber Spacers. <i>Membranes</i> , 2021, 11, 973.	3.0	1
3	Augmenting CO <sub>2</sub> Absorption Flux through a Gas-Liquid Membrane Module by Inserting Carbon-Fiber Spacers. <i>Membranes</i> , 2020, 10, 302.	3.0	3
4	ZnO Nanoparticles Induced Caspase-Dependent Apoptosis in Gingival Squamous Cell Carcinoma through Mitochondrial Dysfunction and p70S6K Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1612.	4.1	54
5	Theoretical and experimental studies of CO <sub>2</sub> absorption by the amine solvent system in parallel-plate membrane contactors. <i>Separation and Purification Technology</i> , 2018, 198, 128-136.	7.9	6
6	Distillate flux enhancement in the air gap membrane distillation with inserting carbon-fiber spacers. <i>Separation Science and Technology</i> , 2017, 52, 2817-2828.	2.5	9
7	Pilot study of absorption of NO <sub>2</sub> with Na <sub>2</sub> S aqueous solutions. <i>Environmental Progress and Sustainable Energy</i> , 2011, 30, 632-639.	2.3	13
8	Characteristics and treatability of oil-bearing wastes from aluminum alloy machining operations. <i>Journal of Hazardous Materials</i> , 2008, 152, 1220-1228.	12.4	8
9	Oxidation and absorption of nitric oxide in a packed tower with sodium hypochlorite aqueous solutions. <i>Environmental Progress</i> , 2005, 24, 279-288.	0.7	37
10	Absorption of NO <sub>2</sub> in a packed tower with Na <sub>2</sub> SO <sub>3</sub> aqueous solution. <i>Environmental Progress</i> , 2002, 21, 225-230.	0.7	61
11	Absorption of H <sub>2</sub> S in NaOCl caustic aqueous solution. <i>Environmental Progress</i> , 2001, 20, 175-181.	0.7	47
12	Theoretical and experimental studies of direct contact membrane distillation modules with inserting W-shaped carbon-fiber spacers. , 0, 71, 32-44.		3