

# Luke Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1908876/publications.pdf>

Version: 2024-02-01

12  
papers

252  
citations

1163117  
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times ranked

291  
citing authors

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