

Luke Chen

List of Publications by Year in descending order

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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.	1.4	10
2	Distillate Flux Enhancement of Direct Contact Membrane Distillation Modules with Inserting Cross-Diagonal Carbon-Fiber Spacers. <i>Membranes</i> , 2021, 11, 973.	1.4	1
3	Augmenting CO ₂ Absorption Flux through a Gas-Liquid Membrane Module by Inserting Carbon-Fiber Spacers. <i>Membranes</i> , 2020, 10, 302.	1.4	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.	1.8	54
5	Theoretical and experimental studies of CO ₂ absorption by the amine solvent system in parallel-plate membrane contactors. <i>Separation and Purification Technology</i> , 2018, 198, 128-136.	3.9	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.	1.3	9
7	Pilot study of absorption of NO ₂ with Na ₂ S aqueous solutions. <i>Environmental Progress and Sustainable Energy</i> , 2011, 30, 632-639.	1.3	13
8	Characteristics and treatability of oil-bearing wastes from aluminum alloy machining operations. <i>Journal of Hazardous Materials</i> , 2008, 152, 1220-1228.	6.5	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.	0.8	37
10	Absorption of NO ₂ in a packed tower with Na ₂ SO ₃ aqueous solution. <i>Environmental Progress</i> , 2002, 21, 225-230.	0.8	61
11	Absorption of H ₂ S in NaOCl caustic aqueous solution. <i>Environmental Progress</i> , 2001, 20, 175-181.	0.8	47
12	Theoretical and experimental studies of direct contact membrane distillation modules with inserting W-shaped carbon-fiber spacers. , 0, 71, 32-44.		3