

# Allen Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11199750/publications.pdf>

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9  
papers

444  
citations

1039406

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1473754

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docs citations

9  
times ranked

585  
citing authors

#	ARTICLE	IF	CITATIONS
1	Omniphobic membranes for direct contact membrane distillation: Effective deposition of zinc oxide nanoparticles. <i>Desalination</i> , 2018, 428, 255-263.	4.0	128
2	Fabrication of zinc oxide nanostructure coated membranes for efficient oil/water separation. <i>Journal of Membrane Science</i> , 2018, 566, 249-257.	4.1	75
3	Nanostructure depositions on alumina hollow fiber membranes for enhanced wetting resistance during membrane distillation. <i>Journal of Membrane Science</i> , 2018, 564, 227-236.	4.1	50
4	Nanoarchitected design of porous ZnO@copper membranes enabled by atomic-layer-deposition for oil/water separation. <i>Journal of Membrane Science</i> , 2019, 582, 120-131.	4.1	43
5	3D printing design of turbulence promoters in a cross-flow microfiltration system for fine particles removal. <i>Journal of Membrane Science</i> , 2019, 573, 647-656.	4.1	41
6	Carbon dioxide capture using an omniphobic membrane for a gas-liquid contacting process. <i>Journal of Membrane Science</i> , 2018, 556, 227-237.	4.1	36
7	Hydrophobic alumina hollow fiber membranes for sucrose concentration by vacuum membrane distillation. <i>Journal of Membrane Science</i> , 2018, 555, 250-257.	4.1	32
8	Separator Membranes for High Energy Density Batteries. <i>ChemBioEng Reviews</i> , 2018, 5, 346-371.	2.6	29
9	Fenton oxidation-based cleaning technology for powdered activated carbon-precoated dynamic membranes used in microfiltration seawater pretreatment systems. <i>Journal of Membrane Science</i> , 2019, 591, 117298.	4.1	10