

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

1040056
9
h-index

1474206
9
g-index

9
all docs

9
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.	8.2	128
2	Fabrication of zinc oxide nanostructure coated membranes for efficient oil/water separation. <i>Journal of Membrane Science</i> , 2018, 566, 249-257.	8.2	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.	8.2	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.	8.2	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.	8.2	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.	8.2	36
7	Hydrophobic alumina hollow fiber membranes for sucrose concentration by vacuum membrane distillation. <i>Journal of Membrane Science</i> , 2018, 555, 250-257.	8.2	32
8	Separator Membranes for High Energy Density Batteries. <i>ChemBioEng Reviews</i> , 2018, 5, 346-371.	4.4	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.	8.2	10