

Shuren Chou

List of Publications by Year in descending order

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15
papers

2,379
citations

566801

15
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

1913
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of novel forward osmosis hollow fiber membranes. <i>Journal of Membrane Science</i> , 2010, 355, 158-167.	4.1	502
2	Thin-film composite hollow fiber membranes for pressure retarded osmosis (PRO) process with high power density. <i>Journal of Membrane Science</i> , 2012, 389, 25-33.	4.1	299
3	Characteristics and potential applications of a novel forward osmosis hollow fiber membrane. <i>Desalination</i> , 2010, 261, 365-372.	4.0	256
4	Preparation of polyamide thin film composite forward osmosis membranes using electrospun polyvinylidene fluoride (PVDF) nanofibers as substrates. <i>Separation and Purification Technology</i> , 2013, 118, 727-736.	3.9	187
5	Membrane biofouling and scaling in forward osmosis membrane bioreactor. <i>Journal of Membrane Science</i> , 2012, 403-404, 8-14.	4.1	182
6	Nature gives the best solution for desalination: Aquaporin-based hollow fiber composite membrane with superior performance. <i>Journal of Membrane Science</i> , 2015, 494, 68-77.	4.1	141
7	Robust and High performance hollow fiber membranes for energy harvesting from salinity gradients by pressure retarded osmosis. <i>Journal of Membrane Science</i> , 2013, 448, 44-54.	4.1	140
8	Effect of substrate structure on the performance of thin-film composite forward osmosis hollow fiber membranes. <i>Journal of Membrane Science</i> , 2011, 382, 116-123.	4.1	138
9	A new integrated approach for dye removal from wastewater by polyoxometalates functionalized membranes. <i>Journal of Hazardous Materials</i> , 2016, 301, 462-470.	6.5	137
10	Composite forward osmosis hollow fiber membranes: Integration of RO- and NF-like selective layers to enhance membrane properties of anti-scaling and anti-internal concentration polarization. <i>Journal of Membrane Science</i> , 2012, 394-395, 140-150.	4.1	99
11	A modeling investigation on optimizing the design of forward osmosis hollow fiber modules. <i>Journal of Membrane Science</i> , 2012, 392-393, 76-87.	4.1	72
12	Gas field produced/process water treatment using forward osmosis hollow fiber membrane: Membrane fouling and chemical cleaning. <i>Desalination</i> , 2017, 402, 143-151.	4.0	65
13	Fabrication of layer-by-layer assembled FO hollow fiber membranes and their performances using low concentration draw solutions. <i>Desalination</i> , 2013, 308, 147-153.	4.0	60
14	Effects of scaling and cleaning on the performance of forward osmosis hollow fiber membranes. <i>Journal of Membrane Science</i> , 2012, 415-416, 101-108.	4.1	54
15	Identification of safe and stable operation conditions for pressure retarded osmosis with high performance hollow fiber membrane. <i>Journal of Membrane Science</i> , 2016, 503, 90-100.	4.1	47