

Dimitar Peshev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12085457/publications.pdf>

Version: 2024-02-01

7
papers

284
citations

1684188
5
h-index

1872680
6
g-index

7
all docs

7
docs citations

7
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy consumption for desalination – A comparison of forward osmosis with reverse osmosis, and the potential for perfect membranes. <i>Desalination</i> , 2016, 377, 138-151.	8.2	158
2	Will ultra-high permeance membranes lead to ultra-efficient processes? Challenges for molecular separations in liquid systems. <i>Journal of Membrane Science</i> , 2017, 525, 35-47.	8.2	54
3	OSN Designer, a tool for predicting organic solvent nanofiltration technology performance using Aspen One, MATLAB and CAPE OPEN. <i>Chemical Engineering Science</i> , 2013, 104, 975-987.	3.8	36
4	Performance of spiral-wound membrane modules in organic solvent nanofiltration – Fluid dynamics and mass transfer characteristics. <i>Journal of Membrane Science</i> , 2015, 494, 8-24.	8.2	21
5	Multi-scale modelling of OSN batch concentration with spiral-wound membrane modules using OSN Designer. <i>Chemical Engineering Research and Design</i> , 2016, 109, 385-396.	5.6	14
6	Removal of cadmium and copper ions by <i>Trichosporon cutaneum</i> R57 cells immobilized onto polyvinyl alcohol/tetraethoxysilane hybrid matrices. <i>Open Chemistry</i> , 2010, 8, 1053-1058.	1.9	1
7	How to supply a CVD reactor with a steady-state mixture of two precursors vaporized from a single heated boat. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 1527-1532.	1.8	0