

Ebrahim Akhondi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11889211/publications.pdf>

Version: 2024-02-01

14
papers

669
citations

759055

12
h-index

1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Gravity-driven membrane filtration as pretreatment for seawater reverse osmosis: Linking biofouling layer morphology with flux stabilization. <i>Water Research</i> , 2015, 70, 158-173.	5.3	129
2	Unsteady-state shear strategies to enhance mass-transfer for the implementation of ultrapermeable membranes in reverse osmosis: A review. <i>Desalination</i> , 2015, 356, 328-348.	4.0	90
3	Evaluation of fouling deposition, fouling reversibility and energy consumption of submerged hollow fiber membrane systems with periodic backwash. <i>Journal of Membrane Science</i> , 2014, 452, 319-331.	4.1	82
4	Optimization of gravity-driven membrane (GDM) filtration process for seawater pretreatment. <i>Water Research</i> , 2016, 93, 133-140.	5.3	78
5	Impact of the surface energy of particulate foulants on membrane fouling. <i>Journal of Membrane Science</i> , 2016, 510, 101-111.	4.1	72
6	Influence of backwashing on the pore size of hollow fiber ultrafiltration membranes. <i>Journal of Membrane Science</i> , 2017, 521, 33-42.	4.1	47
7	The Performance and Fouling Control of Submerged Hollow Fiber (HF) Systems: A Review. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 765.	1.3	47
8	Mixed matrix membranes comprising PMP polymer with dispersed alumina nanoparticle fillers to separate CO ₂ /N ₂ . <i>Macromolecular Research</i> , 2016, 24, 782-792.	1.0	45
9	Improved design and protocol for evapoporometry determination of the pore-size distribution. <i>Journal of Membrane Science</i> , 2015, 496, 334-343.	4.1	18
10	Synthesis of silver nanoparticles with high efficiency and stability by culture supernatant of <i>Bacillus ROM6</i> isolated from Zarshouran gold mine and evaluating its antibacterial effects. <i>BMC Microbiology</i> , 2022, 22, 97.	1.3	17
11	Flow-field mitigation of membrane fouling (FMMF) via manipulation of the convective flow in cross-flow membrane applications. <i>Journal of Membrane Science</i> , 2017, 526, 377-386.	4.1	14
12	Influence of dissolved air on the effectiveness of cyclic backwashing in submerged membrane systems. <i>Journal of Membrane Science</i> , 2014, 456, 77-84.	4.1	12
13	Evapoporometry adaptation to determine the lumen-side pore-size distribution (PSD) of hollow fiber and tubular membranes. <i>Journal of Membrane Science</i> , 2017, 526, 1-8.	4.1	10
14	Extending the uppermost pore diameter measurable via Evapoporometry. <i>Journal of Membrane Science</i> , 2017, 524, 637-643.	4.1	8