

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

758635

12
h-index

1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

656
citing authors

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