

Alireza Zirehpour

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,627
citations

933447

10
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

2196
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial fuel cell as new technology for bioelectricity generation: A review. AEJ - Alexandria Engineering Journal, 2015, 54, 745-756.	6.4	580
2	Novel functionalized carbon nanotubes for improving the surface properties and performance of polyethersulfone (PES) membrane. Desalination, 2012, 286, 99-107.	8.2	270
3	Mitigation of Thin-Film Composite Membrane Biofouling via Immobilizing Nano-Sized Biocidal Reservoirs in the Membrane Active Layer. Environmental Science & Technology, 2017, 51, 5511-5522.	10.0	158
4	Nano-sized metal organic framework to improve the structural properties and desalination performance of thin film composite forward osmosis membrane. Journal of Membrane Science, 2017, 531, 59-67.	8.2	148
5	The impact of MOF feasibility to improve the desalination performance and antifouling properties of FO membranes. RSC Advances, 2016, 6, 70174-70185.	3.6	92
6	Feasibility of membrane processes for the recovery and purification of bio-based volatile fatty acids: A comprehensive review. Journal of Industrial and Engineering Chemistry, 2020, 81, 24-40.	5.8	92
7	Simultaneous Improvement of Antimicrobial, Antifouling, and Transport Properties of Forward Osmosis Membranes with Immobilized Highly-Compatible Polyrhodanine Nanoparticles. Environmental Science & Technology, 2018, 52, 5246-5258.	10.0	90
8	Unique membrane process integration for olive oil mill wastewater purification. Separation and Purification Technology, 2012, 96, 124-131.	7.9	64
9	Developing new CTA/CA-based membrane containing hydrophilic nanoparticles to enhance the forward osmosis desalination. Desalination, 2015, 371, 46-57.	8.2	54
10	Mixed matrix membrane application for olive oil wastewater treatment: Process optimization based on Taguchi design method. Journal of Environmental Management, 2014, 132, 113-120.	7.8	52
11	The filtration performance and efficiency of olive mill wastewater treatment by integrated membrane process. Desalination and Water Treatment, 0, , 1-9.	1.0	3