Farah Ejaz Ahmed

List of Publications by Year
in descending order

18 papers	2,174 citations	516561 16 h-index	839398 18 g-index
18 all docs	18 docs citations	18 times ranked	2841 citing authors

#	Article	IF	Citations
1	A review on electrospinning for membrane fabrication: Challenges and applications. Desalination, 2015, 356, 15-30.	4.0	787
2	Solar powered desalination â€“ Technology, energy and future outlook. Desalination, 2019, 453, 54-76.	4.0	358
3	Underwater superoleophobic cellulose/electrospun PVDFâ€“HFP membranes for efficient oil/water separation. Desalination, 2014, 344, 48-54.	4.0	212
4	Emerging desalination technologies: Current status, challenges and future trends. Desalination, 2021, 517, 115183.	4.0	133
5	Hybrid technologies: The future of energy efficient desalination â€“ A review. Desalination, 2020, 495, 114659.	4.0	129
6	Alternative heating techniques in membrane distillation: A review. Desalination, 2020, 496, 114713.	4.0	108
7	Electrically conductive membranes based on carbon nanostructures for self-cleaning of biofouling. Desalination, 2015, 360, 8-12.	4.0	102
8	Mathematical and optimization modelling in desalination: State-of-the-art and future direction. Desalination, 2019, 469, 114092.	4.0	64
9	Membrane-based detection of wetting phenomenon in direct contact membrane distillation. Journal of Membrane Science, 2017, 535, 89-93.	4.1	48
10	Electrospun membranes for membrane distillation: The state of play and recent advances. Desalination, 2022, 526, 115511.	4.0	39
11	Advances in Membrane Distillation Module Configurations. Membranes, 2022, 12, 81.	1.4	35
12	Enhanced performance of direct contact membrane distillation via selected electrothermal heating of membrane surface. Journal of Membrane Science, 2020, 610, 118224.	4.1	33
13	Electrically conductive membranes for in situ fouling detection in membrane distillation using impedance spectroscopy. Journal of Membrane Science, 2018, 556, 66-72.	4.1	31
14	The emerging role of 3D printing in water desalination. Science of the Total Environment, 2021, 790, 148238.	3.9	28
15	Fouling control in reverse osmosis membranes through modification with conductive carbon nanostructures. Desalination, 2019, 470, 114118.	4.0	27
16	Electrically conducting nanofiltration membranes based on networked cellulose and carbon nanostructures. Desalination, 2017, 406, 60-66.	4.0	20
17	Intermittent direct joule heating of membrane surface for seawater desalination by air gap membrane distillation. Journal of Membrane Science, 2022, 648, 120390.	4.1	16
18	<scp>3D</scp> printed electrically conductive interdigitated spacer on ultrafiltration membrane for electrolytic cleaning and chlorination. Journal of Applied Polymer Science, 2022, 139, .	1.3	4