

Farah Ejaz Ahmed

List of Publications by Year in descending order

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18
papers

2,174
citations

516561

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839398

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18
docs citations

18
times ranked

2841
citing authors

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