

Syed Muztuza Ali

List of Publications by Year in descending order

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16
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16
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586
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel hole-pillar spacer design for improved hydrodynamics and biofouling mitigation in membrane filtration. Scientific Reports, 2021, 11, 6979.	3.3	25
2	Forward osmosis system design and optimization using a commercial cellulose triacetate hollow fibre membrane module for energy efficient desalination. Desalination, 2021, 510, 115075.	8.2	16
3	Removal of pharmaceuticals from nitrified urine. Chemosphere, 2021, 280, 130870.	8.2	16
4	Dynamic feed spacer for fouling minimization in forward osmosis process. Desalination, 2021, 515, 115198.	8.2	17
5	3D printing for membrane desalination: Challenges and future prospects. Desalination, 2021, 520, 115366.	8.2	34
6	Surface modification of thin-film composite forward osmosis membranes with polyvinyl alcohol-graphene oxide composite hydrogels for antifouling properties. Desalination, 2020, 491, 114591.	8.2	66
7	Conceptual design of a dynamic turbospacer for efficient low pressure membrane filtration. Desalination, 2020, 496, 114712.	8.2	26
8	Energy efficient 3D printed column type feed spacer for membrane filtration. Water Research, 2019, 164, 114961.	11.3	67
9	Forward osmosis membrane modular configurations for osmotic dilution of seawater by forward osmosis and reverse osmosis hybrid system. Water Research, 2018, 128, 183-192.	11.3	61
10	Forward osmosis system analysis for optimum design and operating conditions. Water Research, 2018, 145, 429-441.	11.3	47
11	Experimental investigation of multi-effect regenerator for desiccant dehumidifier: Effects of various regeneration temperatures and solution flow rates on system performances. International Journal of Refrigeration, 2017, 76, 7-18.	3.4	9
12	CO2-assisted compression-adsorption hybrid for cooling and desalination. Energy Conversion and Management, 2017, 143, 538-552.	9.2	25
13	Thermally driven adsorption cooling and desalination employing multi-bed dual-evaporator system. Applied Thermal Engineering, 2016, 106, 1136-1147.	6.0	26
14	Adsorption assisted double stage cooling and desalination employing silica gel + water and AQSOA-Z02 + water systems. Energy Conversion and Management, 2016, 117, 193-205.	9.2	75
15	Design and development of a volumetric apparatus for the measurement of methane uptakes under cryogenic conditions. Applied Thermal Engineering, 2016, 93, 1175-1182.	6.0	9
16	Thermodynamic modelling and performance study of an engine waste heat driven adsorption cooling for automotive air-conditioning. Applied Thermal Engineering, 2015, 90, 54-63.	6.0	54