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List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

733
citations

516710

16
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	Development in forward Osmosis-Membrane distillation hybrid system for wastewater treatment. Separation and Purification Technology, 2022, 286, 120498.	7.9	39
2	Synthesis of Schiff base-based cationic Gemini surfactants and evaluation of their effect on in-situ AgNPs preparation: Structure, catalytic, and biological activity study. Journal of Molecular Liquids, 2021, 326, 115342.	4.9	17
3	Feasibility Study of Using X-ray Tube and GMDH for Measuring Volume Fractions of Annular and Stratified Regimes in Three-Phase Flows. Symmetry, 2021, 13, 613.	2.2	11
4	Simulation Study of Utilizing X-ray Tube in Monitoring Systems of Liquid Petroleum Products. Processes, 2021, 9, 828.	2.8	25
5	Theoretical Investigation of Vapor Transport Mechanism Using Tubular Membrane Distillation Module. Membranes, 2021, 11, 560.	3.0	17
6	Experimental and theoretical investigation of a new air gap membrane distillation module with a corrugated feed channel. Journal of Membrane Science, 2020, 594, 117461.	8.2	41
7	The effect of energy recovery device and feed flow rate on the energy efficiency of reverse osmosis process. Chemical Engineering Research and Design, 2020, 158, 12-23.	5.6	23
8	The Effect of Inclination Angle and Reynolds Number on the Performance of a Direct Contact Membrane Distillation (DCMD) Process. Energies, 2020, 13, 2824.	3.1	27
9	Recent developments in forward osmosis membranes using carbon-based nanomaterials. Desalination, 2020, 482, 114375.	8.2	118
10	Optimization of module pressure retarded osmosis membrane for maximum energy extraction. Journal of Water Process Engineering, 2019, 32, 100935.	5.6	25
11	A Review of Fouling Mechanisms, Control Strategies and Real-Time Fouling Monitoring Techniques in Forward Osmosis. Water (Switzerland), 2019, 11, 695.	2.7	57
12	Effects of embedding functionalized multi-walled carbon nanotubes and alumina on the direct contact poly(vinylidene fluoride-co-hexafluoropropylene) membrane distillation performance. Chemical Engineering Communications, 2019, 206, 1035-1057.	2.6	33
13	Photoassisted mineralization of remazole red F3B over NiO/TiO ₂ and CdO/TiO ₂ nanoparticles under simulated sunlight. Separation Science and Technology, 2018, 53, 170-180.	2.5	14
14	Single and dual stage closed-loop pressure retarded osmosis for power generation: Feasibility and performance. Applied Energy, 2017, 191, 328-345.	10.1	38
15	Pressure retarded osmosis process for power generation: Feasibility, energy balance and controlling parameters. Applied Energy, 2017, 206, 303-311.	10.1	42
16	Enhanced Performance Dual Stage Pressure Retarded Osmosis. Energy Procedia, 2017, 142, 4182-4197.	1.8	8
17	Performance Investigation of O-Ring Vacuum Membrane Distillation Module for Water Desalination. Journal of Chemistry, 2016, 2016, 1-11.	1.9	10
18	Self-sterilized composite membranes of cellulose acetate/polyethylene glycol for water desalination. Carbohydrate Polymers, 2016, 149, 207-216.	10.2	43

#	ARTICLE	IF	CITATIONS
19	Magnetic nanomaterials and sensors for biological detection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2459-2473.	3.3	50
20	Performance of a newly developed titanium oxide nanotubes/polyethersulfone blend membrane for water desalination using vacuum membrane distillation. <i>Desalination</i> , 2014, 346, 30-36.	8.2	70
21	Potential of membrane distillation - a comprehensive review. <i>International Journal of Water</i> , 2013, 7, 317.	0.1	20
22	Limitations of osmotic gradient resource and hydraulic pressure on the efficiency of dual stage PRO process. , 0, 105, 11-22.		2
23	Nanofiltration composite polymeric/ceramic membranes prepared from powder waste of ceramic tile kiln remnants. , 0, 126, 67-72.		1
24	Effect of silica fouling on RO membranes used for the desalination of Kuwait brackish water. , 0, 204, 33-39.		0
25	Enhancing performance of the membrane distillation process using air injection zigzag system for water desalination. , 0, 207, 43-50.		2