

CITATION REPORT

List of articles citing

Multi-objective optimization of operating parameters of a MSF-BR desalination plant using solver optimization tool of Matlab software

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Desalination, 2016, 381, 71-83.

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#	Paper	IF	Citations
24	Performance optimization of a multi stage flash desalination unit with thermal vapor compression using genetic algorithm. <i>Applied Thermal Engineering</i> , 2017 , 123, 1106-1119	5.8	34
23	Multi-objective optimization of Stirling engine systems using Front-based Yin-Yang-Pair Optimization. <i>Energy Conversion and Management</i> , 2017 , 133, 332-348	10.6	26
22	Performance evaluation of a brine-recirculation multistage flash desalination system coupled with nanofluid-based direct absorption solar collector. <i>Renewable Energy</i> , 2018 , 122, 140-151	8.1	28
21	A novel method for removal of boron from aqueous solution using sodium dodecyl benzene sulfonate and d-mannitol as the collector. <i>Desalination</i> , 2018 , 431, 47-55	10.3	10
20	Research on Dynamic Coordination Active Mode Switching Control Strategy for Hybrid Electric Vehicle Based on Traffic Information. <i>IEEE Access</i> , 2019 , 7, 104967-104981	3.5	2
19	Mathematical and optimization modelling in desalination: State-of-the-art and future direction. <i>Desalination</i> , 2019 , 469, 114092	10.3	41
18	Energy and economic analysis of evaporative vacuum easy desalination system with brine tank. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 140, 1935-1944	4.1	22
17	HCI International 2020 [Late Breaking Posters. <i>Communications in Computer and Information Science</i> , 2020 ,	0.3	
16	Exergoeconomic analysis and optimization of reverse osmosis desalination integrated with geothermal energy. <i>Environmental Progress and Sustainable Energy</i> , 2020 , 39, e13405	2.5	29
15	Design and Energy Requirements of a Photovoltaic-Thermal Powered Water Desalination Plant for the Middle East. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	24
14	Economic design of a CEV x control chart for determining optimal right-censored times. <i>Quality Technology and Quantitative Management</i> , 2021 , 18, 418-431	1.9	3
13	Commercial Thermal Technologies for Desalination of Water from Renewable Energies: A State of the Art Review. <i>Processes</i> , 2021 , 9, 262	2.9	15
12	The Performance Study of Double Sampling Coefficient of Variation Control Charts. 2020 ,		1
11	A Design and Evaluation of Coefficient of Variation Control Chart. <i>Communications in Computer and Information Science</i> , 2020 , 270-278	0.3	0
10	.		
9	Multi objective optimization of MSF and MSF-TVC desalination systems with using the Surplus Low-Pressure Steam (an energy, exergy and economic analysis). <i>Computers and Chemical Engineering</i> , 2022 , 107708	4	1
8	Combined Analysis of Brine Recirculation and Top Brine Temperature in Multistage Flash Distillers. <i>SSRN Electronic Journal</i> ,	1	

- 7 Optimization of seawater desalination systems. **2022**, 439-496
- 6 Robust decision support for seawater desalination system management under consideration of environmental pollution control.. *Environmental Science and Pollution Research*, **2022**, 1 5-1
- 5 Multiobjective Optimization and Implementation of a Biorefinery Production Scheme for Sustainable Extraction of Pectin from Quince Biowaste. *ACS Engineering Au*, 0
- 4 Optimization of MSF desalination process. **2022**, 255-299
- 3 Process modeling, simulation, optimization, and computational tools. **2022**, 69-99
- 2 Studying a Multi-Stage Flash Brine Recirculation (MSF-BR) System Based on Energy, Exergy and Exergoeconomic Analysis. **2022**, 14, 3108 0
- 1 Integration of Hydrate-Based Desalination (HBD) into Multistage Flash (MSF) Desalination as a Precursor: An Alternative Solution to Enhance MSF Performance and Distillate Production. **2023**, 15, 596 0