

Aipeng Jiang

List of Publications by Year in descending order

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12
papers

108
citations

1937685

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1281871

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docs citations

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times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation and Operational Optimization of RO Based Desalination for Coal-Fired Power Plantsâ€™ Wastewater. Membranes, 2022, 12, 478.	3.0	3
2	Modeling and Structural Optimization of MSF-RO Desalination System. Membranes, 2022, 12, 545.	3.0	4
3	Mode-Based Analysis and Optimal Operation of MSF Desalination System. Processes, 2020, 8, 794.	2.8	11
4	Real Time Operational Optimization of a Seawater Desalination System Based on Rolling Prediction of Hourly Freshwater Demand. Industrial & Engineering Chemistry Research, 2018, 57, 10528-10538.	3.7	4
5	Optimal operation of seawater desalination system based on load rolling prediction. Computer Aided Chemical Engineering, 2018, 44, 1075-1080.	0.5	0
6	A study on optimal schedule of membrane cleaning and replacement for spiral-wound SWRO system. Desalination, 2017, 404, 259-269.	8.2	19
7	An optimal filter based MPC for systems with arbitrary disturbances. Chinese Journal of Chemical Engineering, 2017, 25, 632-640.	3.5	1
8	An Improved Finite Element Meshing Strategy for Dynamic Optimization Problems. Mathematical Problems in Engineering, 2017, 2017, 1-10.	1.1	3
9	Operational optimization of SWRO process with the consideration of load fluctuation and electricity price. IFAC-PapersOnLine, 2015, 48, 598-604.	0.9	2
10	Optimal operations for large-scale seawater reverse osmosis networks. Journal of Membrane Science, 2015, 476, 508-524.	8.2	26
11	Operational cost optimization of a full-scale SWRO system under multi-parameter variable conditions. Desalination, 2015, 355, 124-140.	8.2	33
12	A Dynamic Optimization Strategy for the Operation of Large Scale Seawater Reverses Osmosis System. Mathematical Problems in Engineering, 2014, 2014, 1-12.	1.1	2