

Karim M Chehayeb

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

465
citations

1163117
8
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic balancing of the humidification dehumidification desalination system by mass extraction and injection. <i>International Journal of Heat and Mass Transfer</i> , 2013, 57, 756-770.	4.8	95
2	Optimal design and operation of electrodialysis for brackish-water desalination and for high-salinity brine concentration. <i>Desalination</i> , 2017, 420, 167-182.	8.2	75
3	Use of multiple extractions and injections to thermodynamically balance the humidification dehumidification desalination system. <i>International Journal of Heat and Mass Transfer</i> , 2014, 68, 422-434.	4.8	67
4	Thermodynamic balancing of a fixed-size two-stage humidification dehumidification desalination system. <i>Desalination</i> , 2015, 369, 125-139.	8.2	64
5	Thermodynamic analysis of brine management methods: Zero-discharge desalination and salinity-gradient power production. <i>Desalination</i> , 2017, 404, 291-303.	8.2	64
6	On the merits of using multi-stage and counterflow electrodialysis for reduced energy consumption. <i>Desalination</i> , 2018, 439, 1-16.	8.2	48
7	Entropy generation analysis of electrodialysis. <i>Desalination</i> , 2017, 413, 184-198.	8.2	38
8	On the electrical operation of batch electrodialysis for reduced energy consumption. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1172-1182.	2.4	14