

Emily W Tow

List of Publications by Year in descending order

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11
papers

1,074
citations

933264

10
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

1352
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of polymeric membranes and processes for potable water reuse. <i>Progress in Polymer Science</i> , 2018, 81, 209-237.	11.8	483
2	Energy consumption in desalinating produced water from shale oil and gas extraction. <i>Desalination</i> , 2015, 366, 94-112.	4.0	190
3	Energy efficiency of batch and semi-batch (CCRO) reverse osmosis desalination. <i>Water Research</i> , 2016, 106, 272-282.	5.3	136
4	Inorganic fouling mitigation by salinity cycling in batch reverse osmosis. <i>Water Research</i> , 2018, 137, 384-394.	5.3	73
5	Raising forward osmosis brine concentration efficiency through flow rate optimization. <i>Desalination</i> , 2015, 366, 71-79.	4.0	37
6	In situ visualization of organic fouling and cleaning mechanisms in reverse osmosis and forward osmosis. <i>Desalination</i> , 2016, 399, 138-147.	4.0	34
7	Impact of salt retention on true batch reverse osmosis energy consumption: Experiments and model validation. <i>Desalination</i> , 2020, 479, 114177.	4.0	34
8	Practical aspects of batch RO design for energy-efficient seawater desalination. <i>Desalination</i> , 2019, 470, 114097.	4.0	28
9	Managing and treating per- and polyfluoroalkyl substances (PFAS) in membrane concentrates. <i>AWWA Water Science</i> , 2021, 3, 1-23.	1.0	28
10	Modeling the energy consumption of potable water reuse schemes. <i>Water Research X</i> , 2021, 13, 100126.	2.8	25
11	Biofouling of filtration membranes in wastewater reuse: In situ visualization with confocal laser scanning microscopy. <i>Journal of Membrane Science</i> , 2022, 644, 120019.	4.1	6