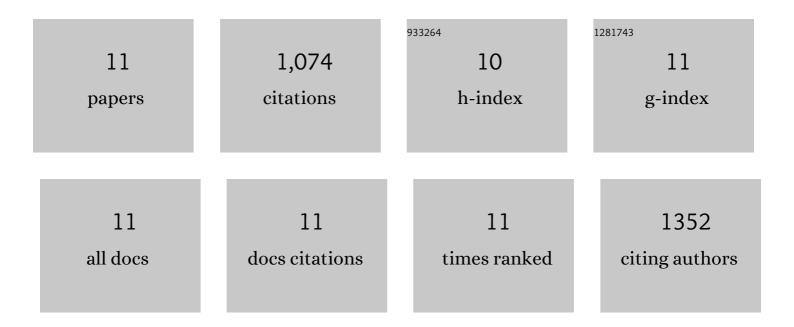
Emily W Tow

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9594165/publications.pdf Version: 2024-02-01



FMUX W TOW

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