

2018: (65 published articles)

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Ziv H., S. Shpak, M. Fliesher, L. Gillerman, R. Kasher, and G. Oron. 2018. Optimal managing the coastal aquifer for seawater desalination and meeting nitrates level of drinking water. *Desalination* 436: 63-68 (IF- 5.527).

“Functionalization of ultrafiltration membrane with polyampholyte hydrogel and graphene oxide to achieve dual antifouling and antibacterial properties”. Wei Zhang^S, Wei Cheng^S, Eric Ziemann^S, Avraham Be’er^{PI}, Xinglin Lu^{PD}, Menachem Elimelech^{PI}, Roy Bernstein^{PI}. *Journal of Membrane Science*. 565, 293-302 (2018). (IF=6.66 JR=3(87)Q1). Cited 0 times.

30. Bernstein^C, R.; Singer^S, C.E.; Singh^{PD}, S. P.; Mao^S, C.; Arnusch^{PI}, C. J. UV initiated surface grafting on polyethersulfone ultrafiltration membranes via ink-jet printing-assisted modification. *Journal of Membrane Science* 2018, 548, 73-80. (8 citations; IF 6.035; 7/134; Q1)

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Canwei Mao^S, Gunasekaran Mohanraj^{PD}, Nitzan Shtreimer Kandiyote^S, Roni Kasher^{PI}, Christopher J. Arnusch^{PI*} (2018). UV mediated attachment of short Arginine-Tryptophan antimicrobial peptides on reverse osmosis membrane surfaces inhibit *Pseudomonas aeruginosa* biofilm. *Desalination*, 431, 73-79 (3 citations; IF 5.527; Ranking 2/88, Q1). Online access <https://doi.org/10.1016/j.desal.2017.12.027>

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2019: (46 published articles so far)

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