## Navya Thomas

List of Publications by Year in descending order

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932766 1372195 11 735 10 10 citations h-index g-index papers 11 11 11 600 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	3D printed photocatalytic feed spacers functionalized with $\hat{l}^2$ -FeOOH nanorods inducing pollutant degradation and membrane cleaning capabilities in water treatment. Applied Catalysis B: Environmental, 2022, 300, 120318.	10.8	49
2	Antiscaling 3D printed feed spacers via facile nanoparticle coating for membrane distillation. Water Research, 2021, 189, 116649.	5.3	25
3	Comparative assessment of the effects of 3D printed feed spacers on process performance in MD systems. Desalination, 2021, 503, 114940.	4.0	17
4	Impacts of feed spacer design on UF membrane cleaning efficiency. Journal of Membrane Science, 2020, 616, 118571.	4.1	14
5	3D printed spacers for organic fouling mitigation in membrane distillation. Journal of Membrane Science, 2019, 581, 331-343.	4.1	73
6	3D printed spacers based on TPMS architectures for scaling control in membrane distillation. Journal of Membrane Science, 2019, 581, 38-49.	4.1	62
7	3D printed feed spacers based on triply periodic minimal surfaces for flux enhancement and biofouling mitigation in RO and UF. Desalination, 2018, 425, 12-21.	4.0	122
8	Mass transfer analysis of ultrafiltration using spacers based on triply periodic minimal surfaces: Effects of spacer design, directionality and voidage. Journal of Membrane Science, 2018, 561, 89-98.	4.1	64
9	3D printed triply periodic minimal surfaces as spacers for enhanced heat and mass transfer in membrane distillation. Desalination, 2018, 443, 256-271.	4.0	135
10	Feedstock Availability, Composition, New Potential Resources for Biohydrogen, Biomethane, and Biobutanol Production via Biotechnological Routes., 2017,, 261-276.		0
11	Membrane distillation research & Departmentation: Lessons from the past five decades. Separation and Purification Technology, 2017, 189, 108-127.	3.9	174