Nurshaun Sreedhar

List of Publications by Year
in descending order

12	618	933264 10	1199470 12
papers	citations	h-index	g-index

12	12	12	462
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3D printed photocatalytic feed spacers functionalized with Î²-FeOOH nanorods inducing pollutant degradation and membrane cleaning capabilities in water treatment. Applied Catalysis B: Environmental, 2022, 300, 120318.	10.8	49
2	Polydopamine-coated graphene oxide nanosheets embedded in sulfonated poly(ether sulfone) hybrid UF membranes with superior antifouling properties for water treatment. Chemical Engineering Journal, 2022, 433, 133526.	6.6	29
3	Fouling mechanisms in ultrafiltration under constant flux: Effect of feed spacer design. Chemical Engineering Journal, 2022, 446, 136563.	6.6	12
4	Hybrid NF and UF membranes tailored using quaternized polydopamine for enhanced removal of salts and organic pollutants from water. Desalination, 2022, 539, 115954.	4.0	10
5	High-Flux, Antifouling Hydrophilized Ultrafiltration Membranes with Tunable Charge Density Combining Sulfonated Poly(ether sulfone) and Aminated Graphene Oxide Nanohybrid. ACS Applied Materials & Interfaces, 2020, 12, 1617-1627.	4.0	67
6	Impacts of feed spacer design on UF membrane cleaning efficiency. Journal of Membrane Science, 2020, 616, 118571.	4.1	14
7	Novel static mixers based on triply periodic minimal surface (TPMS) architectures. Journal of Environmental Chemical Engineering, 2020, 8, 104289.	3.3	42
8	3D printed spacers based on TPMS architectures for scaling control in membrane distillation. Journal of Membrane Science, 2019, 581, 38-49.	4.1	62
9	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
10	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
11	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
12	Optimization of algal methyl esters using RSM and evaluation of biodiesel storage characteristics. Bioresources and Bioprocessing, 2014, 1, .	2.0	12