

# Nurshaun Sreedhar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3182586/publications.pdf>

Version: 2024-02-01

12  
papers

618  
citations

933264

10  
h-index

1199470

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

462  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printed triply periodic minimal surfaces as spacers for enhanced heat and mass transfer in membrane distillation. <i>Desalination</i> , 2018, 443, 256-271.	4.0	135
2	3D printed feed spacers based on triply periodic minimal surfaces for flux enhancement and biofouling mitigation in RO and UF. <i>Desalination</i> , 2018, 425, 12-21.	4.0	122
3	High-Flux, Antifouling Hydrophilized Ultrafiltration Membranes with Tunable Charge Density Combining Sulfonated Poly(ether sulfone) and Aminated Graphene Oxide Nanohybrid. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 1617-1627.	4.0	67
4	Mass transfer analysis of ultrafiltration using spacers based on triply periodic minimal surfaces: Effects of spacer design, directionality and voidage. <i>Journal of Membrane Science</i> , 2018, 561, 89-98.	4.1	64
5	3D printed spacers based on TPMS architectures for scaling control in membrane distillation. <i>Journal of Membrane Science</i> , 2019, 581, 38-49.	4.1	62
6	3D printed photocatalytic feed spacers functionalized with $\text{Fe}^{2+}$ -FeOOH nanorods inducing pollutant degradation and membrane cleaning capabilities in water treatment. <i>Applied Catalysis B: Environmental</i> , 2022, 300, 120318.	10.8	49
7	Novel static mixers based on triply periodic minimal surface (TPMS) architectures. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104289.	3.3	42
8	Polydopamine-coated graphene oxide nanosheets embedded in sulfonated poly(ether sulfone) hybrid UF membranes with superior antifouling properties for water treatment. <i>Chemical Engineering Journal</i> , 2022, 433, 133526.	6.6	29
9	Impacts of feed spacer design on UF membrane cleaning efficiency. <i>Journal of Membrane Science</i> , 2020, 616, 118571.	4.1	14
10	Optimization of algal methyl esters using RSM and evaluation of biodiesel storage characteristics. <i>Bioresources and Bioprocessing</i> , 2014, 1, .	2.0	12
11	Fouling mechanisms in ultrafiltration under constant flux: Effect of feed spacer design. <i>Chemical Engineering Journal</i> , 2022, 446, 136563.	6.6	12
12	Hybrid NF and UF membranes tailored using quaternized polydopamine for enhanced removal of salts and organic pollutants from water. <i>Desalination</i> , 2022, 539, 115954.	4.0	10