

Avishek Pal

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1478505

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1474206

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9
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-ZnO impregnated inorganic-polymer hybrid thinfilm nanocomposite nanofiltration membranes: an investigation of variation in structure, morphology and transport properties. RSC Advances, 2015, 5, 34134-34151.	3.6	35
2	Frontiers in hemodialysis: Innovations and technological advances. Artificial Organs, 2021, 45, 175-182.	1.9	26
3	Reinforcement of nanostructured reduced graphene oxide: a facile approach to develop high-performance nanocomposite ultrafiltration membranes minimizing the trade-off between flux and selectivity. RSC Advances, 2015, 5, 46801-46816.	3.6	19
4	Intrinsic dependence of hydrophilic and electrokinetic features of positively charged thin film composite nanofiltration membranes on molecular weights of poly(ethyleneimine)s. Polymer, 2016, 93, 99-114.	3.8	10
5	Mixed-matrix membranes with enhanced antifouling activity: probing the surface-tailoring potential of Tiron and chromotropic acid for nano-TiO ₂ . Royal Society Open Science, 2017, 4, 170368.	2.4	7
6	High-throughput mixed-matrix membrane with superior anti-bacterial properties: A facile approach towards development of point-of-use water purification device. Chemical Engineering Journal, 2016, 297, 193-206.	12.7	6
7	Polysulfone-Gd ₂ Zr ₂ O ₇ mixed-matrix membranes with superior radiation resistant properties: Fabrication and application of a membrane device for radioactive effluent treatment. Chemical Engineering Journal Advances, 2020, 1, 100006.	5.2	4
8	Probing the charged nature and ion-exclusion mechanism of fluorine-enriched non-ionogenic polyamide derived thin film composite nanofiltration membranes. Materials Advances, 2020, 1, 403-414.	5.4	3
9	Influence of Differential Distribution of Piperazine Conformers in Copolyamides on the Formation and Ion Separation Behaviors of Charged Nanofiltration Membranes. ACS Applied Polymer Materials, 2022, 4, 2481-2496.	4.4	2