

Avishek Pal

List of Publications by Year in descending order

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9
papers

112
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

160
citing authors

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