

# Abhijit Gogoi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9099639/publications.pdf>

Version: 2024-02-01

12  
papers

201  
citations

1039406

9  
h-index

1199166

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Water and salt dynamics in multilayer graphene oxide (GO) membrane: Role of lateral sheet dimensions. <i>Journal of Membrane Science</i> , 2018, 563, 785-793.	4.1	50
2	Multilayer Graphene Oxide Membrane in Forward Osmosis: Molecular Insights. <i>ACS Applied Nano Materials</i> , 2018, 1, 4450-4460.	2.4	26
3	Influence of the presence of cations on the water and salt dynamics inside layered graphene oxide (GO) membranes. <i>Nanoscale</i> , 2020, 12, 7273-7283.	2.8	19
4	Diffusion driven nanostructuring of metal-organic frameworks (MOFs) for graphene hydrogel based tunable heterostructures: highly active electrocatalysts for efficient water oxidation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7640-7649.	5.2	18
5	Nanofluidic transport through humic acid modified graphene oxide nanochannels. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1647-1654.	3.2	16
6	Effect of graphene oxide (GO) nanosheet sizes, pinhole defects and non-ideal lamellar stacking on the performance of layered GO membranes: an atomistic investigation. <i>Nanoscale Advances</i> , 2019, 1, 3023-3035.	2.2	16
7	Electro-osmotic flow through nanochannel with different surface charge configurations: A molecular dynamics simulation study. <i>Physics of Fluids</i> , 2021, 33, .	1.6	15
8	What governs the nature of fouling in forward osmosis (FO) and reverse osmosis (RO)? A molecular dynamics study. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 24165-24176.	1.3	13
9	Polyaniline-Graphene Hydrogel Hybrids via Diffusion Controlled Surface Polymerization for High Performance Supercapacitors. <i>ACS Applied Nano Materials</i> , 2020, 3, 12278-12287.	2.4	10
10	Dehydration of acetic acid using layered graphene oxide (GO) membrane through forward osmosis (FO) process: a molecular dynamics study. <i>Molecular Simulation</i> , 2020, 46, 1500-1508.	0.9	7
11	Effect of oxygen-containing functional groups of layered graphene oxide membrane on the removal of amoxicillin: a molecular dynamics study. <i>Molecular Simulation</i> , 2022, 48, 185-196.	0.9	6
12	Effect of an ionic environment on membrane fouling: a molecular dynamics study. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5001-5011.	1.3	5