

Manish Maurya

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

108
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Ionic Liquid Impregnation in Highly Water-Stable Metal-Organic Frameworks, Covalent Organic Frameworks, and Carbon-Based Adsorbents for Post-combustion Flue Gas Treatment. <i>Energy & Fuels</i> , 2019, 33, 3421-3428.	5.1	27
2	Understanding adsorption of CO ₂ , N ₂ , CH ₄ and their mixtures in functionalized carbon nanotube arrays. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 14007-14016.	2.8	23
3	Adsorptive Separation of CO ₂ from Multicomponent Mixtures of Flue Gas in Carbon Nanotube Arrays: A Grand Canonical Monte Carlo Study. <i>Energy & Fuels</i> , 2018, 32, 6090-6097.	5.1	17
4	A grand canonical Monte Carlo study of SO ₂ capture using functionalized bilayer graphene nanoribbons. <i>Journal of Chemical Physics</i> , 2017, 146, 044704.	3.0	12
5	Treatment of Flue Gas using Graphene Sponge: A Simulation Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14654-14664.	3.1	12
6	Effects of interfaces on structure and dynamics of water droplets on a graphene surface: A molecular dynamics study. <i>Journal of Chemical Physics</i> , 2021, 154, 164704.	3.0	8
7	Selective Separation of CO ₂ from Flue Gas Using Carbon and Boron Nitride Nanotubes as a Membrane. <i>Energy & Fuels</i> , 2020, 34, 7223-7231.	5.1	7
8	Tuning conformational structures of imidazolium ionic liquids with 1-ethyl-3-methylimidazolium ionic liquid solvents. <i>Chemical Engineering Science</i> , 2022, 251, 117456.	3.8	2