

Chitrakshi Goel

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

527
citations

759055

12
h-index

1125617

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13
all docs

13
docs citations

13
times ranked

609
citing authors

#	ARTICLE	IF	CITATIONS
1	Azimuthal and radial flow patterns of 1 μ m-Geldart B-type particles in a gas-solid vortex reactor. Powder Technology, 2019, 354, 410-422.	2.1	15
2	An experimental and numerical study of the suppression of jets, counterflow, and backflow in vortex units. AIChE Journal, 2019, 65, e16614.	1.8	17
3	Melamine-formaldehyde derived porous carbons for adsorption of CO ₂ capture. Journal of Environmental Management, 2017, 197, 415-427.	3.8	64
4	Dynamic CO ₂ capture by carbon adsorbents: Kinetics, isotherm and thermodynamic studies. Separation and Purification Technology, 2017, 181, 107-122.	3.9	60
5	Prediction of Binary Gas Adsorption of CO ₂ /N ₂ and Thermodynamic Studies on Nitrogen Enriched Nanostructured Carbon Adsorbents. Journal of Chemical & Engineering Data, 2017, 62, 214-225.	1.0	17
6	Pure and Binary Gas Adsorption Equilibrium for CO ₂ /N ₂ on Oxygen Enriched Nanostructured Carbon Adsorbents. Energy & Fuels, 2017, 31, 13991-13998.	2.5	4
7	Novel nanostructured carbons derived from epoxy resin and their adsorption characteristics for CO ₂ capture. RSC Advances, 2016, 6, 97728-97738.	1.7	30
8	Carbon dioxide adsorption on nitrogen enriched carbon adsorbents: Experimental, kinetics, isothermal and thermodynamic studies. Journal of CO ₂ Utilization, 2016, 16, 50-63.	3.3	68
9	Novel nitrogen enriched porous carbon adsorbents for CO ₂ capture: Breakthrough adsorption study. Journal of Environmental Chemical Engineering, 2016, 4, 346-356.	3.3	60
10	Synthesis of nitrogen doped mesoporous carbons for carbon dioxide capture. RSC Advances, 2015, 5, 46568-46582.	1.7	63
11	Development of nitrogen enriched nanostructured carbon adsorbents for CO ₂ capture. Journal of Environmental Management, 2015, 162, 20-29.	3.8	26
12	Mesoporous carbon adsorbents from melamine-formaldehyde resin using nanocasting technique for CO ₂ adsorption. Journal of Environmental Sciences, 2015, 32, 238-248.	3.2	47
13	Resorcinol-formaldehyde based nanostructured carbons for CO ₂ adsorption: kinetics, isotherm and thermodynamic studies. RSC Advances, 2015, 5, 93563-93578.	1.7	56