

# Chitrakshi Goel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2976011/publications.pdf>

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13  
papers

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759055

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1125617

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docs citations

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times ranked

609  
citing authors

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