

Prashant Mishra

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhanced Adsorption Efficiency through Materials Design for Direct Air Capture over Supported Polyethylenimine. <i>ChemSusChem</i> , 2016, 9, 2796-2803.	6.8	82
2	Adsorption of CO ₂ , CO, CH ₄ and N ₂ on a zinc based metal organic framework. <i>Separation and Purification Technology</i> , 2012, 94, 124-130.	7.9	75
3	Adsorption of CO ₂ , CO, CH ₄ and N ₂ on DABCO based metal organic frameworks. <i>Microporous and Mesoporous Materials</i> , 2013, 169, 75-80.	4.4	43
4	Adsorption and Separation of Carbon Dioxide Using MIL-53(Al) Metal-Organic Framework. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 19747-19753.	3.7	35
5	Adsorption Characteristics of Metal-Organic Frameworks Containing Coordinatively Unsaturated Metal Sites: Effect of Metal Cations and Adsorbate Properties. <i>Journal of Physical Chemistry C</i> , 2014, 118, 6847-6855.	3.1	34
6	Effect of Adsorbent History on Adsorption Characteristics of MIL-53(Al) Metal Organic Framework. <i>Langmuir</i> , 2013, 29, 12162-12167.	3.5	21
7	Hydrogen Adsorption on Zn-BDC, Cr-BDC, Ni-DABCO, and Mg-DOBDC Metal-Organic Frameworks. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 3096-3101.	1.9	15
8	Adsorption of Lower Alkanes on a Zinc Based Metal Organic Framework. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 2610-2613.	1.9	10
9	THE NET ADSORPTION OF HYDROGEN ON PALLADIUM NANOPARTICLES. <i>Surface Review and Letters</i> , 2014, 21, 1450022.	1.1	1