

Dr PANKAJ SHARMA

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Adsorption of CO ₂ by iron-exchanged heteropolyacid Fe _{1.5} PMo ₁₂ O ₄₀ supported on mesoporous cellular foams. <i>Journal of Porous Materials</i> , 2016, 23, 1207-1215.	1.3	2
2	Mesoporous cellular foams supported Fe _{2.0} SiW ₁₂ O ₄₀ : Synthesis, characterization and application to CO ₂ sorption. <i>Powder Technology</i> , 2013, 233, 161-168.	2.1	7
3	Selective chemical separation of carbon dioxide by ether functionalized imidazolium cation based ionic liquids. <i>Chemical Engineering Journal</i> , 2012, 181-182, 834-841.	6.6	37
4	Solubility of carbon dioxide in amine-functionalized ionic liquids: Role of the anions. <i>Chemical Engineering Journal</i> , 2012, 193-194, 267-275.	6.6	74
5	Effects of anions on absorption capacity of carbon dioxide in acid functionalized ionic liquids. <i>Fuel Processing Technology</i> , 2012, 100, 55-62.	3.7	37
6	Amine modified and pelletized mesoporous materials: Synthesis, textural and mechanical characterization and application in adsorptive separation of carbon dioxide. <i>Powder Technology</i> , 2012, 219, 86-98.	2.1	40
7	Adsorptive separation of carbon dioxide by polyethyleneimine modified adsorbents. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 249-262.	1.2	15
8	Equimolar Carbon Dioxide Absorption by Ether Functionalized Imidazolium Ionic Liquids. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 2325-2332.	1.0	12
9	Enhancement of thermal conductivity of ethylene glycol based silver nanofluids. <i>Powder Technology</i> , 2011, 208, 7-19.	2.1	158
10	Supported 12-molybdophosphoric acid: Characterization and non-solvent liquid phase oxidation of styrene. <i>Journal of Molecular Catalysis A</i> , 2009, 299, 37-43.	4.8	15
11	Zirconia supported 12-molybdophosphoric acid: Physico-chemical characterization and non-solvent liquid phase oxidation of styrene. <i>Applied Surface Science</i> , 2009, 255, 7635-7641.	3.1	27
12	Supported 12-tungstophosphoric acid: An efficient and selective solid acid catalyst for tert-butylation of phenol and cresols. <i>Catalysis Communications</i> , 2008, 9, 1545-1550.	1.6	30
13	Tungstophosphoric acid supported onto hydrous zirconia: Physicochemical characterization and esterification of 1° and 2° alcohol. <i>Bulletin of Materials Science</i> , 2006, 29, 439-447.	0.8	23
14	Heteropolyacid supported onto neutral alumina: characterization and esterification of 1° and 2° alcohol. <i>Journal of Molecular Catalysis A</i> , 2004, 214, 281-286.	4.8	63