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List of Publications by Year
in descending order

27 papers	648 citations	687363 13 h-index	580821 25 g-index
27 all docs	27 docs citations	27 times ranked	891 citing authors

#	Article	IF	Citations
1	Solution Thermodynamics of Caprolactam in Different Monosolvents. Journal of Chemical & Engineering Data, 2021, 66, 494-503.	1.9	5
2	A Review of Hydrogen Purification Technologies for Fuel Cell Vehicles. Catalysts, 2021, 11, 393.	3.5	144
3	Pure Hydrogen Production from Polyol Electrolysis Using Polyoxometalates as Both a Liquid Catalyst and a Charge Carrier. Energy & Fuels, 2020, 34, 10282-10289.	5.1	6
4	Understanding the Role of Water in Different Solid Forms of Avibactam Sodium and Its Affecting Mechanism. Crystal Growth and Design, 2020, 20, 1150-1161.	3.0	19
5	Bimetallic metal-organic frameworks derived cobalt nanoparticles embedded in nitrogen-doped carbon nanotube nanopolyhedra as advanced electrocatalyst for high-performance of activated carbon air-cathode microbial fuel cell. Biosensors and Bioelectronics, 2019, 127, 181-187.	10.1	46
6	Experimental and Theoretical Investigation of Mesoporous MnO₂ Nanosheets with Oxygen Vacancies for High-Efficiency Catalytic DeNO_x. ACS Catalysis, 2018, 8, 3865-3874.	11.2	111
7	CO2 Sorption Properties over Ordered Mesoporous Carbon CMK-3 in the Presence of MDEA Solution. Journal of Chemical & Engineering Data, 2018, , .	1.9	0
8	Adsorption Properties of N₂, CH₄, and CO₂ on Sulfur-Doped Microporous Carbons. Journal of Chemical & Engineering Data, 2018, 63, 2914-2920.	1.9	17
9	Low-Temperature Selective Catalytic Reduction of NO with NH3 over Feâ€“Ceâ€“O x Catalysts. Transactions of Tianjin University, 2017, 23, 35-42.	6.4	13
10	Low-temperature selective catalytic reduction of NO with NH₃ over Niâ€“Mnâ€“O_x catalysts. RSC Advances, 2016, 6, 107270-107277.	3.6	12
11	MnO₂ doped CeO₂ with tailored 3-D channels exhibits excellent performance for NH₃-SCR of NO. RSC Advances, 2015, 5, 26231-26235.	3.6	24
12	Separation of the N₂/CH₄ Mixture through Hydrate Formation in Ordered Mesoporous Carbon. Adsorption Science and Technology, 2014, 32, 821-832.	3.2	3
13	Influence of Pore Size on Ethylene Hydrate Formation in Carbon Materials. Adsorption Science and Technology, 2014, 32, 717-724.	3.2	3
14	Water effect on amine-modification of adsorbents for separation of CO2/N2. Transactions of Tianjin University, 2013, 19, 313-318.	6.4	3
15	Equilibrium of Ethane Hydrate Formation in Carbon Pores. Journal of Chemical & Engineering Data, 2013, 58, 1735-1740.	1.9	2
16	Synthesis of Zeolite SSZ-13 for N₂ and CO₂ Separation. Adsorption Science and Technology, 2013, 31, 549-558.	3.2	4
17	Preparation and CO₂Sorption of a High Surface Area Activated Carbon Obtained from the KOH Activation of Finger Citron Residue. Adsorption Science and Technology, 2012, 30, 183-191.	3.2	15
18	Effect of carbon pore structure on the CH4/N2 separation. Adsorption, 2012, 18, 321-325.	3.0	18

#	Article	IF	Citations
19	Sorption equilibria of CO2 on silica-gels in the presence of water. Adsorption, 2012, 18, 121-126.	3.0	13
20	Enrichment of coalâ€bed methane by PSA complemented with CO₂ displacement. AICHE Journal, 2011, 57, 645-654.	3.6	33
21	Deep desulfurization of transportation fuels by characteristic reaction resided in adsorbents. AICHE Journal, 2009, 55, 1872-1881.	3.6	18
22	Principles of methane adsorption and natural gas storage. Adsorption, 2009, 15, 133-137.	3.0	61
23	Measurement and prediction of adsorption equilibrium for a H2/N2/CH4/CO2 mixture. AICHE Journal, 2007, 53, 1178-1191.	3.6	23
24	Impact of supercritical adsorption mechanism on research of hydrogen carrier. Science Bulletin, 2007, 52, 1146-1152.	1.7	2
25	Thiophene Capture with Complex Adsorbent SBA-15/Cu(I). Industrial & Engineering Chemistry Research, 2006, 45, 7892-7896.	3.7	43
26	Experimental study of removing trace H2S using solvent coated adsorbent for PSA. AICHE Journal, 2006, 52, 2066-2071.	3.6	6
27	Experimental studies of a new compact design four-bed PSA equipment for producing oxygen. AICHE Journal, 2005, 51, 2695-2701.	3.6	4