

Wei Su

List of Publications by Year in descending order

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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	A Review of Hydrogen Purification Technologies for Fuel Cell Vehicles. <i>Catalysts</i> , 2021, 11, 393.	3.5	144
2	Experimental and Theoretical Investigation of Mesoporous MnO ₂ Nanosheets with Oxygen Vacancies for High-Efficiency Catalytic DeNO _x . <i>ACS Catalysis</i> , 2018, 8, 3865-3874.	11.2	111
3	Principles of methane adsorption and natural gas storage. <i>Adsorption</i> , 2009, 15, 133-137.	3.0	61
4	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. <i>Biosensors and Bioelectronics</i> , 2019, 127, 181-187.	10.1	46
5	Thiophene Capture with Complex Adsorbent SBA-15/Cu(I). <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 7892-7896.	3.7	43
6	Enrichment of coal-bed methane by PSA complemented with CO ₂ displacement. <i>AIChE Journal</i> , 2011, 57, 645-654.	3.6	33
7	MnO ₂ doped CeO ₂ with tailored 3-D channels exhibits excellent performance for NH ₃ -SCR of NO. <i>RSC Advances</i> , 2015, 5, 26231-26235.	3.6	24
8	Measurement and prediction of adsorption equilibrium for a H ₂ /N ₂ /CH ₄ /CO ₂ mixture. <i>AIChE Journal</i> , 2007, 53, 1178-1191.	3.6	23
9	Understanding the Role of Water in Different Solid Forms of Avibactam Sodium and Its Affecting Mechanism. <i>Crystal Growth and Design</i> , 2020, 20, 1150-1161.	3.0	19
10	Deep desulfurization of transportation fuels by characteristic reaction resided in adsorbents. <i>AIChE Journal</i> , 2009, 55, 1872-1881.	3.6	18
11	Effect of carbon pore structure on the CH ₄ /N ₂ separation. <i>Adsorption</i> , 2012, 18, 321-325.	3.0	18
12	Adsorption Properties of N ₂ , CH ₄ , and CO ₂ on Sulfur-Doped Microporous Carbons. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 2914-2920.	1.9	17
13	Preparation and CO ₂ Sorption of a High Surface Area Activated Carbon Obtained from the KOH Activation of Finger Citron Residue. <i>Adsorption Science and Technology</i> , 2012, 30, 183-191.	3.2	15
14	Sorption equilibria of CO ₂ on silica-gels in the presence of water. <i>Adsorption</i> , 2012, 18, 121-126.	3.0	13
15	Low-Temperature Selective Catalytic Reduction of NO with NH ₃ over Fe@CeO _x Catalysts. <i>Transactions of Tianjin University</i> , 2017, 23, 35-42.	6.4	13
16	Low-temperature selective catalytic reduction of NO with NH ₃ over Ni@MnO _x catalysts. <i>RSC Advances</i> , 2016, 6, 107270-107277.	3.6	12
17	Experimental study of removing trace H ₂ S using solvent coated adsorbent for PSA. <i>AIChE Journal</i> , 2006, 52, 2066-2071.	3.6	6
18	Pure Hydrogen Production from Polyol Electrolysis Using Polyoxometalates as Both a Liquid Catalyst and a Charge Carrier. <i>Energy & Fuels</i> , 2020, 34, 10282-10289.	5.1	6

#	ARTICLE	IF	CITATIONS
19	Solution Thermodynamics of Caprolactam in Different Monosolvents. Journal of Chemical & Engineering Data, 2021, 66, 494-503.	1.9	5
20	Experimental studies of a new compact design four-bed PSA equipment for producing oxygen. AIChE Journal, 2005, 51, 2695-2701.	3.6	4
21	Synthesis of Zeolite SSZ-13 for N ₂ and CO ₂ Separation. Adsorption Science and Technology, 2013, 31, 549-558.	3.2	4
22	Water effect on amine-modification of adsorbents for separation of CO ₂ /N ₂ . Transactions of Tianjin University, 2013, 19, 313-318.	6.4	3
23	Separation of the N ₂ /CH ₄ Mixture through Hydrate Formation in Ordered Mesoporous Carbon. Adsorption Science and Technology, 2014, 32, 821-832.	3.2	3
24	Influence of Pore Size on Ethylene Hydrate Formation in Carbon Materials. Adsorption Science and Technology, 2014, 32, 717-724.	3.2	3
25	Impact of supercritical adsorption mechanism on research of hydrogen carrier. Science Bulletin, 2007, 52, 1146-1152.	1.7	2
26	Equilibrium of Ethane Hydrate Formation in Carbon Pores. Journal of Chemical & Engineering Data, 2013, 58, 1735-1740.	1.9	2
27	CO ₂ Sorption Properties over Ordered Mesoporous Carbon CMK-3 in the Presence of MDEA Solution. Journal of Chemical & Engineering Data, 2018, , .	1.9	0