The Two-Stage Air-CO₂ Activation in the P Characterization by Adsorption from Solution

Adsorption Science and Technology

1, 223-234

DOI: 10.1177/026361748400100305

Citation Report

#	Article	IF	Citations
1	Adsorption of Hydrocarbons on Air-Reacted Activated Carbons. I. Adsorption Isotherms. Adsorption Science and Technology, 1984, 1, 195-204.	1.5	12
2	Evaluation of the microporosity in activated carbons by n-nonane preadsorption. Journal of Colloid and Interface Science, 1985, 106, 315-323.	5.0	54
3	The estimation of microporosity in active carbons by isotherm subtraction and nonane preadsorption. Journal of Colloid and Interface Science, 1985, 107, 355-361.	5.0	15
4	A comparison of different tests to evaluate the apparent surface area of activated carbons. Carbon, 1985, 23, 91-96.	5.4	25
5	Adsorption of hydrocarbons on CO2-reacted activated carbons. Carbon, 1986, 24, 469-475.	5.4	18
6	Study of the porous structure of active carbons by nitrogen adsorption and n-nonane preadsorption. Carbon, 1988, 26, 647-652.	5.4	3
7	Adsorption and structure in microporous carbons. Carbon, 1988, 26, 267-274.	5.4	140
8	Carbon Dioxide Subtraction (CDS) Method Applied to A Wide Range of Porous Carbons. Studies in Surface Science and Catalysis, 1988, , 173-182.	1.5	2
9	The combined use of different approaches in the characterization of microporous carbons. Carbon, 1989, 27, 23-32.	5.4	168
10	Application of Î± and n plots to N2adsorption isotherms of activated carbons. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 1237-1243.	1.7	67
11	Evaluation of Microporosity in Activated Carbons with High ASH (Cr2O3) CONTENT. Studies in Surface Science and Catalysis, 1991, , 449-457.	1.5	2
12	Physical adsorption of gases by microporous carbons. Colloids and Surfaces, 1991, 58, 385-400.	0.9	53
13	Microporosity development by CO2 activation of an anthracite studied by physical adsorption of gases, mercury porosimetry, and scanning electron microscopy. Carbon, 1992, 30, 695-709.	5.4	33
14	Application of the Î±s method to adsorption isotherms of argon and n-Butane. Carbon, 1992, 30, 41-46.	5.4	16
15	Effect of Calcium in Fieldâ€Spent GACs on Pore Development During Regeneration. Journal - American Water Works Association, 1993, 85, 76-89.	0.2	34
16	Adsorption of some substituted phenols on activated carbons from a bituminous coal. Carbon, 1995, 33, 845-851.	5.4	199
17	Microporous carbons from Moringa oleifera husks for water purification in less developed countries. Water Research, 1995, 29, 337-347.	5.3	66
18	GAC: pore structure versus dye adsorption. Journal - American Water Works Association, 1996, 88, 94-108.	0.2	37

#	Article	IF	Citations
19	Structural analysis of microporous carbons by nonane preadsorption. Carbon, 1998, 36, 1866-1869.	5.4	3
20	Low temperature conversion of sugar-cane by-products. Biomass and Bioenergy, 1998, 15, 155-162.	2.9	21
21	Characterization and potential applications of pyrolytic char from ablative pyrolysis of used tires. Journal of Analytical and Applied Pyrolysis, 2001, 58-59, 813-824.	2.6	180
22	Changes in GAC pore structure during full-scale water treatment at Cincinnati: a comparison between virgin and thermally reactivated GAC. Carbon, 2001, 39, 789-807.	5.4	70
23	Preparation and characterization of activated carbons made up from different woods by chemical activation with H3PO4. Smart Materials and Structures, 2003, 12, N24-N28.	1.8	22
24	Study of the pore size distribution and fractal dimension of HNO3-treated activated carbons. Applied Surface Science, 2006, 252, 5972-5975.	3.1	50
25	Preparation of activated carbons previously treated with hydrogen peroxide: Study of their porous texture. Applied Surface Science, 2006, 252, 5984-5987.	3.1	30
26	Changes of the porous structure of activated carbons applied in a filter bed pilot operation. Journal of Colloid and Interface Science, 2006, 295, 327-347.	5.0	20
27	Characteristics of Activated Carbons Prepared from Apricot Kernel Shells by Mechanical, Chemical and Thermal Activations. Modern Applied Science, 2015, 9, .	0.4	7
28	Preparation and characterization of adsorbents derived from bentonite and kaolin clays. Applied Water Science, 2018, 8, 1.	2.8	44
29	The scientific impact of Francisco RodrÃguez-Reinoso in carbon research and beyond. Carbon, 2021, 179, 275-287.	5.4	2
30	Preparation and Characterization of Activated Carbons. , 1986, , 601-642.		21
31	Original Article. Journal of Water Supply: Research and Technology - AQUA, 1998, 47, 68-75.	0.6	1