

Carlos Moreno-Castilla

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrocatalytic activity of calcined manganese ferrite solid nanospheres in the oxygen reduction reaction. <i>Environmental Research</i> , 2022, 204, 112126.	7.5	2
2	Freshwater production from air dehumidification using novel SiO_2 -based supported material and solar energy: Colombia case study. <i>Energy Reports</i> , 2022, 8, 3115-3126.	5.1	2
3	Extra-Heavy Crude Oil Viscosity Reduction Using and Reusing Magnetic Copper Ferrite Nanospheres. <i>Processes</i> , 2021, 9, 175.	2.8	12
4	Remediation of water polluted with model endocrine disruptors based on adsorption processes. , 2021, , 75-112.		0
5	Physicochemical characteristics of calcined MnFe_2O_4 solid nanospheres and their catalytic activity to oxidize para-nitrophenol with peroxymonosulfate and n-C7 asphaltenes with air. <i>Journal of Environmental Management</i> , 2021, 281, 111871.	7.8	20
6	Copper ferrite nanospheres composites mixed with carbon black to boost the oxygen reduction reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 613, 126060.	4.7	9
7	Manganese ferrite solid nanospheres solvothermally synthesized as catalyst for peroxymonosulfate activation to degrade and mineralize para-nitrophenol: Study of operational variables and catalyst reutilization. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105192.	6.7	13
8	Removal of Phenolic Compounds from Water Using Copper Ferrite Nanosphere Composites as Fenton Catalysts. <i>Nanomaterials</i> , 2019, 9, 901.	4.1	22
9	Removal of bisphenols A and S by adsorption on activated carbon clothes enhanced by the presence of bacteria. <i>Science of the Total Environment</i> , 2019, 669, 767-776.	8.0	48
10	Surface Characteristics and Electrochemical Performance of Activated Carbons from Schinus molle Stones Prepared by Hydrothermal Carbonization and KOH Activation. <i>International Journal of Electrochemical Science</i> , 2019, , 11138-11151.	1.3	0
11	Effect of calcination temperature of a copper ferrite synthesized by a sol-gel method on its structural characteristics and performance as Fenton catalyst to remove gallic acid from water. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 193-202.	9.4	50
12	Synthesis and characterization of solid polymer and carbon spheres derived from an emulsion polymerization reaction of different phenolic compounds with formaldehyde. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 520, 488-496.	4.7	11
13	Symmetric Supercapacitor Electrodes from KOH Activation of Pristine, Carbonized, and Hydrothermally Treated Melia azedarach Stones. <i>Materials</i> , 2017, 10, 747.	2.9	15
14	Mixed iron oxides as Fenton catalysts for gallic acid removal from aqueous solutions. <i>Applied Catalysis B: Environmental</i> , 2016, 196, 207-215.	20.2	84
15	Colloidal and micro-carbon spheres derived from low-temperature polymerization reactions. <i>Advances in Colloid and Interface Science</i> , 2016, 236, 113-141.	14.7	30
16	Fenton oxidation of gallic and p-coumaric acids in water assisted by an activated carbon cloth. <i>Water Science and Technology</i> , 2015, 71, 789-794.	2.5	4
17	Effect of dilution ratio and drying method of resorcinol-formaldehyde carbon gels on their electrocapacitive properties in aqueous and non-aqueous electrolytes. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 75, 407-412.	2.4	11
18	On porosity of archeological bones I – Textural characterization of pathological Spanish medieval human bones. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 486-492.	2.3	3

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19	On porosity of archeological bones II. Textural characterization of Mesoamerican human bones. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 493-499.	2.3	4
20	Influence of the Boron Precursor and Drying Method on Surface Properties and Electrochemical Behavior of Boron-Doped Carbon Gels. <i>Langmuir</i> , 2014, 30, 1716-1722.	3.5	17
21	Growth and spontaneous differentiation of umbilical-cord stromal stem cells on activated carbon cloth. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3359.	5.8	5
22	Electrochemical performance of Cu- and Ag-doped carbon aerogels. <i>Materials Chemistry and Physics</i> , 2013, 138, 870-876.	4.0	21
23	Importance of the rheological properties of resorcinol-formaldehyde sols in the preparation of Cu-doped organic and carbon xerogel microspheres. <i>Carbon</i> , 2013, 53, 402-405.	10.3	6
24	Synthesis, surface characteristics, and electrochemical capacitance of Cu-doped carbon xerogel microspheres. <i>Carbon</i> , 2013, 55, 260-268.	10.3	15
25	Metal-doped carbon xerogels for the electro-catalytic conversion of CO ₂ to hydrocarbons. <i>Carbon</i> , 2013, 56, 324-331.	10.3	56
26	Carbon Xerogel Microspheres and Monoliths from Resorcinol-Formaldehyde Mixtures with Varying Dilution Ratios: Preparation, Surface Characteristics, and Electrochemical Double-Layer Capacitances. <i>Langmuir</i> , 2013, 29, 6166-6173.	3.5	50
27	Carbon Aerogel-Supported Pt Catalysts for the Hydrogenolysis and Isomerization of n-Butane: Influence of the Carbonization Temperature of the Support and Pt Particle Size. <i>Catalysts</i> , 2012, 2, 422-433.	3.5	4
28	Competitive adsorption of the herbicide fluroxypyr and tannic acid from distilled and tap water on activated carbons and their thermal desorption. <i>Adsorption</i> , 2012, 18, 173-179.	3.0	12
29	Preparation, surface characteristics, and electrochemical double-layer capacitance of KOH-activated carbon aerogels and their O- and N-doped derivatives. <i>Journal of Power Sources</i> , 2012, 219, 80-88.	7.8	68
30	Electrochemical performance of carbon gels with variable surface chemistry and physics. <i>Carbon</i> , 2012, 50, 3324-3332.	10.3	48
31	Water sorption on silica- and zeolite-supported hygroscopic salts for cooling system applications. <i>Energy Conversion and Management</i> , 2012, 53, 219-223.	9.2	64
32	Activated carbons from KOH-activation of argan (<i>Argania spinosa</i>) seed shells as supercapacitor electrodes. <i>Bioresource Technology</i> , 2012, 111, 185-190.	9.6	368
33	Boiled versus unboiled: a study on Neolithic and contemporary human bones. <i>Journal of Archaeological Science</i> , 2011, 38, 2561-2570.	2.4	36
34	Activated carbon cloth as adsorbent and oxidation catalyst for the removal of amitrole from aqueous solution. <i>Adsorption</i> , 2011, 17, 413-419.	3.0	18
35	Surface characteristics and electrochemical capacitances of carbon aerogels obtained from resorcinol and pyrocatechol using boric and oxalic acids as polymerization catalysts. <i>Carbon</i> , 2011, 49, 3808-3819.	10.3	61
36	Heterogeneous and homogeneous Fenton processes using activated carbon for the removal of the herbicide amitrole from water. <i>Applied Catalysis B: Environmental</i> , 2011, 101, 425-430.	20.2	60

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37	Adsorption Kinetics of Fluroxypyr Herbicide in Aqueous Solution onto Granular Activated Carbon. Separation Science and Technology, 2011, 46, 1582-1590.	2.5	0
38	Carbon-Based Honeycomb Monoliths for Environmental Gas-Phase Applications. Materials, 2010, 3, 1203-1227.	2.9	52
39	Water adsorption on zeolite 13X: comparison of the two methods based on mass spectrometry and thermogravimetry. Adsorption, 2010, 16, 141-146.	3.0	47
40	Adsorption mechanisms of metal cations from water on an oxidized carbon surface. Journal of Colloid and Interface Science, 2010, 345, 461-466.	9.4	42
41	Batch and column adsorption of herbicide fluroxypyr on different types of activated carbons from water with varied degrees of hardness and alkalinity. Water Research, 2010, 44, 879-885.	11.3	49
42	Adsorption and thermal desorption of the herbicide fluroxypyr on activated carbon fibers and cloth at different pH values. Journal of Colloid and Interface Science, 2009, 331, 2-7.	9.4	34
43	Carbon aerogels from gallic acid-resorcinol mixtures as adsorbents of benzene, toluene and xylenes from dry and wet air under dynamic conditions. Carbon, 2009, 47, 463-469.	10.3	46
44	Influence of support porosity and Pt content of Pt/carbon aerogel catalysts on metal dispersion and formation of self-assembled Pt-carbon hybrid nanostructures. Carbon, 2009, 47, 2679-2687.	10.3	28
45	Activated carbon cloth as support for mesenchymal stem cell growth and differentiation to osteocytes. Carbon, 2009, 47, 3574-3577.	10.3	24
46	Surface Chemistry, Porous Texture, and Morphology of N-Doped Carbon Xerogels. Langmuir, 2009, 25, 466-470.	3.5	93
47	Kinetics of diuron and amitrole adsorption from aqueous solution on activated carbons. Journal of Hazardous Materials, 2008, 156, 472-477.	12.4	66
48	Temperature dependence of the point of zero charge of oxidized and non-oxidized activated carbons. Carbon, 2008, 46, 778-787.	10.3	48
49	Carbon-based monolithic supports for palladium catalysts: The role of the porosity in the gas-phase total combustion of m-xylene. Applied Catalysis B: Environmental, 2008, 77, 272-277.	20.2	35
50	Inter- and Intra-Primary-Particle Structure of Monolithic Carbon Aerogels Obtained with Varying Solvents. Langmuir, 2008, 24, 2820-2825.	3.5	25
51	Adsorption of Organic Solutes from Dilute Aqueous Solutions. , 2008, , 653-678.		0
52	Removal of diuron and amitrole from water under static and dynamic conditions using activated carbons in form of fibers, cloth, and grains. Water Research, 2007, 41, 2865-2870.	11.3	53
53	Adsorption of Benzene, Toluene, and Xylenes on Monolithic Carbon Aerogels from Dry Air Flows. Langmuir, 2007, 23, 10095-10101.	3.5	74
54	Effect of Surface Chemistry, Solution pH, and Ionic Strength on the Removal of Herbicides Diuron and Amitrole from Water by an Activated Carbon Fiber. Langmuir, 2007, 23, 1242-1247.	3.5	123

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55	Methanol partial oxidation on carbon-supported Pt and Pd catalysts. <i>Catalysis Today</i> , 2007, 123, 158-163.	4.4	36
56	Reversible toluene adsorption on monolithic carbon aerogels. <i>Journal of Hazardous Materials</i> , 2007, 148, 548-552.	12.4	76
57	Azo-dye Orange II degradation by heterogeneous Fenton-like reaction using carbon-Fe catalysts. <i>Applied Catalysis B: Environmental</i> , 2007, 75, 312-323.	20.2	486
58	Surface Area and Microporosity of Carbon Aerogels from Gas Adsorption and Small- and Wide-Angle X-ray Scattering Measurements. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8681-8688.	2.6	53
59	Temperature Dependence of Herbicide Adsorption from Aqueous Solutions on Activated Carbon Fiber and Cloth. <i>Langmuir</i> , 2006, 22, 9586-9590.	3.5	46
60	Porosity and surface area of monolithic carbon aerogels prepared using alkaline carbonates and organic acids as polymerization catalysts. <i>Carbon</i> , 2006, 44, 2301-2307.	10.3	96
61	Pd and Pt catalysts supported on carbon-coated monoliths for low-temperature combustion of xylenes. <i>Carbon</i> , 2006, 44, 2463-2468.	10.3	48
62	About the endothermic nature of the adsorption of the herbicide diuron from aqueous solutions on activated carbon fiber. <i>Carbon</i> , 2006, 44, 2335-2338.	10.3	47
63	Granular and monolithic activated carbons from KOH-activation of olive stones. <i>Microporous and Mesoporous Materials</i> , 2006, 92, 64-70.	4.4	126
64	A study of the static and dynamic adsorption of Zn(II) ions on carbon materials from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2005, 288, 335-341.	9.4	66
65	Carbon aerogels for catalysis applications: An overview. <i>Carbon</i> , 2005, 43, 455-465.	10.3	607
66	Nanoporous carbon materials: Comparison between information obtained by SAXS and WAXS and by gas adsorption. <i>Carbon</i> , 2005, 43, 3009-3012.	10.3	18
67	Influence of Pt particle size on catalytic combustion of xylenes on carbon aerogel-supported Pt catalysts. <i>Applied Catalysis B: Environmental</i> , 2005, 61, 253-258.	20.2	47
68	Preparation and characterization of new adsorbent materials from the olive wastes. <i>European Physical Journal Special Topics</i> , 2005, 123, 121-124.	0.2	3
69	Bisphenol A Removal from Water by Activated Carbon. Effects of Carbon Characteristics and Solution Chemistry. <i>Environmental Science & Technology</i> , 2005, 39, 6246-6250.	10.0	367
70	Molybdenum Carbide Formation in Molybdenum-Doped Organic and Carbon Aerogels. <i>Langmuir</i> , 2005, 21, 10850-10855.	3.5	30
71	Catalytic combustion of toluene on platinum-containing monolithic carbon aerogels. <i>Applied Catalysis B: Environmental</i> , 2004, 54, 217-224.	20.2	96
72	Cadmium Ion Adsorption on Different Carbon Adsorbents from Aqueous Solutions. Effect of Surface Chemistry, Pore Texture, Ionic Strength, and Dissolved Natural Organic Matter. <i>Langmuir</i> , 2004, 20, 8142-8148.	3.5	104

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73	Adsorption of organic molecules from aqueous solutions on carbon materials. <i>Carbon</i> , 2004, 42, 83-94.	10.3	1,127
74	Surface morphology, metal dispersion, and pore texture of transition metal-doped monolithic carbon aerogels and steam-activated derivatives. <i>Microporous and Mesoporous Materials</i> , 2004, 69, 119-125.	4.4	80
75	Carbon-supported Pt as catalysts for low-temperature methanol decomposition to carbon monoxide and hydrogen. <i>Applied Catalysis A: General</i> , 2004, 275, 119-126.	4.3	27
76	Tungsten oxide catalysts supported on activated carbons: effect of tungsten precursor and pretreatment on dispersion, distribution, and surface acidity of catalysts. <i>Journal of Catalysis</i> , 2003, 217, 30-37.	6.2	44
77	Bioadsorption of Pb(II), Cd(II), and Cr(VI) on activated carbon from aqueous solutions. <i>Carbon</i> , 2003, 41, 323-330.	10.3	116
78	On the nature of surface acid sites of chlorinated activated carbons. <i>Carbon</i> , 2003, 41, 473-478.	10.3	124
79	Influence of carbon-oxygen surface complexes on the surface acidity of tungsten oxide catalysts supported on activated carbons. <i>Carbon</i> , 2003, 41, 1157-1167.	10.3	43
80	Skeletal isomerization of 1-butene on tungsten oxide catalysts supported on activated carbons with various surface oxygen contents. <i>Carbon</i> , 2003, 41, 863-866.	10.3	7
81	Morphology of heat-treated tungsten doped monolithic carbon aerogels. <i>Carbon</i> , 2003, 41, 1291-1299.	10.3	39
82	Influence of support surface properties on activity of bacteria immobilised on activated carbons for water denitrification. <i>Carbon</i> , 2003, 41, 1743-1749.	10.3	47
83	Ionic strength effects in aqueous phase adsorption of metal ions on activated carbons. <i>Carbon</i> , 2003, 41, 2020-2022.	10.3	62
84	Application of ammonia intermittent temperature-programmed desorption to evaluate surface acidity of tungsten oxide supported on activated carbon. <i>Journal of Colloid and Interface Science</i> , 2003, 260, 449-453.	9.4	9
85	Physicochemical Surface Properties of Fe, Co, Ni, and Cu-Doped Monolithic Organic Aerogels. <i>Langmuir</i> , 2003, 19, 5650-5655.	3.5	100
86	Influence of Carbon-Chlorine Surface Complexes on the Properties of Tungsten Oxide Supported on Activated Carbons. 1. Dispersion, Distribution, and Chemical Nature of the Metal Oxide Phase. <i>Journal of Physical Chemistry B</i> , 2003, 107, 4997-5002.	2.6	4
87	Influence of Carbon-Chlorine Surface Complexes on the Properties of Tungsten Oxide Supported on Activated Carbons. 2. Surface Acidity and Skeletal Isomerization of 1-Butene. <i>Journal of Physical Chemistry B</i> , 2003, 107, 5003-5007.	2.6	6
88	Surface Characteristics of Titania/Carbon Composite Aerogels. <i>Langmuir</i> , 2002, 18, 2295-2299.	3.5	64
89	Experimental Design To Optimize Preparation of Activated Carbons for Use in Water Treatment. <i>Environmental Science & Technology</i> , 2002, 36, 3844-3849.	10.0	66
90	Adsorption of Phenolic Compounds from Aqueous Solutions, by Activated Carbons, Described by the Dubinin-Astakhov Equation. <i>Langmuir</i> , 2001, 17, 3301-3306.	3.5	97

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91	Tungsten and Tungsten Carbide Supported on Activated Carbon: Surface Structures and Performance for Ethylene Hydrogenation. <i>Langmuir</i> , 2001, 17, 1752-1756.	3.5	59
92	Activated carbon surface modifications by adsorption of bacteria and their effect on aqueous lead adsorption. <i>Journal of Chemical Technology and Biotechnology</i> , 2001, 76, 1209-1215.	3.2	384
93	Optimization of conditions for the preparation of activated carbons from olive-waste cakes. <i>Carbon</i> , 2001, 39, 425-432.	10.3	272
94	Dehydration of methanol to dimethyl ether catalyzed by oxidized activated carbons with varying surface acidic character. <i>Carbon</i> , 2001, 39, 869-875.	10.3	86
95	Chemical and physical activation of olive-mill waste water to produce activated carbons. <i>Carbon</i> , 2001, 39, 1415-1420.	10.3	159
96	Distribution of surface oxygen complexes on activated carbons from immersion calorimetry, titration and temperature-programmed desorption techniques. <i>Carbon</i> , 2001, 39, 2235-2237.	10.3	23
97	Carbon Materials as Adsorbents for the Removal of Pollutants from the Aqueous Phase. <i>MRS Bulletin</i> , 2001, 26, 890-894.	3.5	67
98	Changes in surface chemistry of activated carbons by wet oxidation. <i>Carbon</i> , 2000, 38, 1995-2001.	10.3	765
99	Specific and non-specific interactions of water molecules with carbon surfaces from immersion calorimetry. <i>Carbon</i> , 2000, 38, 825-829.	10.3	79
100	Regularities in the temperature-programmed desorption spectra of CO ₂ and CO from activated carbons. <i>Carbon</i> , 2000, 38, 1297-1308.	10.3	171
101	Synthesis, pore texture and surface acid-base character of TiO ₂ /carbon composite xerogels and aerogels and their carbonized derivatives. <i>Applied Catalysis A: General</i> , 2000, 203, 151-159.	4.3	62
102	Title is missing!. <i>Reaction Kinetics and Catalysis Letters</i> , 2000, 71, 137-142.	0.6	19
103	Tungsten catalysts supported on activated carbonI. Preparation and characterization after their heat treatments in inert atmosphere. <i>Journal of Catalysis</i> , 2000, 192, 363-373.	6.2	57
104	Tungsten catalysts supported on activated carbonII. Skeletal isomerization of 1-butene. <i>Journal of Catalysis</i> , 2000, 192, 374-380.	6.2	30
105	Catalytic Graphitization of Carbon Aerogels by Transition Metals. <i>Langmuir</i> , 2000, 16, 4367-4373.	3.5	437
106	Synthesis and surface characteristics of silica and alumina-carbon composite xerogels. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 4818-4822.	2.8	39
107	Specific and Nonspecific Interactions between Methanol and Ethanol and Active Carbons. <i>Langmuir</i> , 2000, 16, 5967-5972.	3.5	47
108	Metal-carbon aerogels as catalysts and catalyst supports. <i>Studies in Surface Science and Catalysis</i> , 2000, , 1007-1012.	1.5	32

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109	Group 6 metal oxide-carbon aerogels. Their synthesis, characterization and catalytic activity in the skeletal isomerization of 1-butene. <i>Applied Catalysis A: General</i> , 1999, 183, 345-356.	4.3	96
110	Synthesis and textural characteristics of organic aerogels, transition-metal-containing organic aerogels and their carbonized derivatives. <i>Carbon</i> , 1999, 37, 1199-1205.	10.3	177
111	On the characterization of acidic and basic surface sites on carbons by various techniques. <i>Carbon</i> , 1999, 37, 1215-1221.	10.3	693
112	On the Adsorption of Formaldehyde at High Temperatures and Zero Surface Coverage. <i>Langmuir</i> , 1999, 15, 3226-3231.	3.5	31
113	Effects of non-oxidant and oxidant acid treatments on the surface properties of an activated carbon with very low ash content. <i>Carbon</i> , 1998, 36, 145-151.	10.3	290
114	Surface-Treated Activated Carbons as Catalysts for the Dehydration and Dehydrogenation Reactions of Ethanol. <i>Journal of Physical Chemistry B</i> , 1998, 102, 9239-9244.	2.6	76
115	Adsorption of Humic Substances on Activated Carbon from Aqueous Solutions and Their Effect on the Removal of Cr(III) Ions. <i>Langmuir</i> , 1998, 14, 1880-1886.	3.5	141
116	Determination of the Micropore Texture of Some Glassy Carbons Using Molecular Probes. <i>Langmuir</i> , 1997, 13, 1218-1224.	3.5	17
117	Adsorption of Organic Probes on Carbon Materials at Zero Surface Coverage. <i>Journal of Physical Chemistry B</i> , 1997, 101, 8191-8196.	2.6	19
118	Water adsorption on activated carbons with different degrees of oxidation. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 2211-2215.	1.7	98
119	On the Carbon Dioxide and Benzene Adsorption on Activated Carbons To Study Their Micropore Structure. <i>Langmuir</i> , 1997, 13, 5208-5210.	3.5	20
120	Adsorption of SO ₂ from flowing air by alkaline-oxide-containing activated carbons. <i>Applied Catalysis B: Environmental</i> , 1997, 13, 229-240.	20.2	12
121	The creation of acid carbon surfaces by treatment with (NH ₄) ₂ S ₂ O ₈ . <i>Carbon</i> , 1997, 35, 1619-1626.	10.3	186
122	Effects of ageing on the oxygen surface complexes of an oxidized activated carbon. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 2779-2782.	1.7	25
123	Chemical and Thermal Regeneration of an Activated Carbon Saturated with Chlorophenols. <i>Journal of Chemical Technology and Biotechnology</i> , 1996, 67, 183-189.	3.2	23
124	Demineralization of a bituminous coal by froth flotation before obtaining activated carbons. <i>Carbon</i> , 1996, 34, 917-921.	10.3	11
125	Microporous activated carbons from a bituminous coal. <i>Fuel</i> , 1996, 75, 966-970.	6.4	48
126	Effect of alkaline metal oxides on the adsorption of SO ₂ by activated carbons. <i>Coal Science and Technology</i> , 1995, , 1827-1830.	0.0	0

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127	Micropore Structure of Activated Carbons Prepared From a Spanish Subbituminous Coal Studied by CO ₂ , Benzene, and Cyclohexane Adsorption. <i>Langmuir</i> , 1995, 11, 247-252.	3.5	17
128	Effect of Oxygen Plasma Treatment on the Porosity and Surface Chemical Nature of Glassy Carbons. <i>Journal of Colloid and Interface Science</i> , 1995, 176, 128-137.	9.4	26
129	Hydrogenation of CO ₂ and CO by Fe catalysts obtained from Fe ₂ (CO) ₉ and Fe ₃ (CO) ₁₂ clusters supported on activated carbons. <i>Fuel</i> , 1995, 74, 830-835.	6.4	8
130	Adsorption of some substituted phenols on activated carbons from a bituminous coal. <i>Carbon</i> , 1995, 33, 845-851.	10.3	199
131	Thermal regeneration of an activated carbon exhausted with different substituted phenols. <i>Carbon</i> , 1995, 33, 1417-1423.	10.3	123
132	Hydrogenation of carbon oxides by Ru/activated carbon catalysts obtained from Ru ₃ (CO) ₁₂ : effect of pretreatment on their dispersion, composition and activity. <i>Journal of Molecular Catalysis A</i> , 1995, 95, 223-233.	4.8	20
133	Thermal Desorption of Chlorophenols from Activated Carbons with Different Porosity. <i>Langmuir</i> , 1995, 11, 2648-2651.	3.5	27
134	Activated Carbon Surface Modifications by Nitric Acid, Hydrogen Peroxide, and Ammonium Peroxydisulfate Treatments. <i>Langmuir</i> , 1995, 11, 4386-4392.	3.5	501
135	Cobalt catalysts supported on activated carbons: preparation and behaviour in the hydrogenation of carbon oxides. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 3519.	1.7	19
136	Thermal desorption of gallic acid from activated carbon surfaces. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 3213-3217.	1.7	5
137	Influence of the oxygen surface complexes of activated carbons on the adsorption of chromium ions from aqueous solutions: Effect of sodium chloride and humic acid. <i>Carbon</i> , 1994, 32, 93-100.	10.3	116
138	Thermal desorption of chlorophenols from activated carbon. Influence of the treatment atmosphere. <i>Carbon</i> , 1994, 32, 743-746.	10.3	10
139	A TPD Study of Chromium Catalysts Supported on an Oxidized and Nonoxidized Activated Carbon. <i>Energy & Fuels</i> , 1994, 8, 1233-1237.	5.1	9
140	Adsorption of carbon dioxide on activated carbons from diluted ambient environments. <i>Energy & Fuels</i> , 1994, 8, 239-243.	5.1	26
141	Removal of tannic acid from aqueous solutions by activated carbons. <i>The Chemical Engineering Journal</i> , 1993, 52, 37-39.	0.3	12
142	Activated carbons from a subbituminous coal: Pore texture and electrokinetic properties. <i>Carbon</i> , 1993, 31, 815-819.	10.3	36
143	Regeneration of activated carbons exhausted with chlorophenols. <i>Carbon</i> , 1993, 31, 857-863.	10.3	81
144	Activated carbons as adsorbents of sulfur dioxide in flowing air. Effect of their pore texture and surface basicity. <i>Langmuir</i> , 1993, 9, 1378-1383.	3.5	85

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145	Applicability of the Dubinin-Radushkevich equation to carbon dioxide adsorption on activated carbons. <i>Langmuir</i> , 1993, 9, 2758-2760.	3.5	62
146	Activated carbon columns as adsorbents of gallic acid from aqueous solutions: Effect of the presence of different electrolytes. <i>Carbon</i> , 1992, 30, 107-111.	10.3	15
147	Adsorption of SO ₂ in flowing air onto activated carbons from olive stones. <i>Fuel</i> , 1992, 71, 575-578.	6.4	26
148	Steam gasification of a lignite char catalysed by metals from chromium to zinc. <i>Fuel</i> , 1992, 71, 105-108.	6.4	11
149	Use of activated carbons obtained from agricultural by-products for the adsorption of some hydrocarbons. <i>Langmuir</i> , 1991, 7, 339-343.	3.5	30
150	Pt/carbon catalysts: Effect of pretreatment on the dispersion and morphology of the Pt particles, on their capacity to chemisorb H ₂ and on the H ₂ /n-C ₄ H ₁₀ reaction. <i>Journal of Molecular Catalysis</i> , 1991, 66, 329-341.	1.2	15
151	Gasification in dry air of coals extracted with tetrahydrofuran. <i>Fuel Processing Technology</i> , 1991, 27, 57-65.	7.2	1
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164	Study by gas chromatography of the changes produced in surface area and surface heterogeneity of a graphitized carbon black upon air activation. <i>Journal of Colloid and Interface Science</i> , 1986, 112, 293-295.	9.4	8
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166	Carbon molecular sieves produced by the fixation of sulphur surface complexes. <i>Chromatographia</i> , 1985, 20, 709-712.	1.3	15
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