

Conchi Ania

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154
papers

6,048
citations

45
h-index

70
g-index

160
ext. papers

6,631
ext. citations

7.6
avg, IF

5.94
L-index

#	Paper	IF	Citations
154	Effect of microwave and conventional regeneration on the microporous and mesoporous network and on the adsorptive capacity of activated carbons. <i>Microporous and Mesoporous Materials</i> , 2005 , 85, 7-15	5.3	204
153	Importance of structural and chemical heterogeneity of activated carbon surfaces for adsorption of dibenzothiophene. <i>Langmuir</i> , 2005 , 21, 7752-9	4	195
152	Waste-derived activated carbons for removal of ibuprofen from solution: role of surface chemistry and pore structure. <i>Bioresource Technology</i> , 2009 , 100, 1720-6	11	179
151	Deep eutectic solvents as both precursors and structure directing agents in the synthesis of nitrogen doped hierarchical carbons highly suitable for CO ₂ capture. <i>Energy and Environmental Science</i> , 2011 , 4, 3535	35.4	165
150	Transferable Force Field for Carbon Dioxide Adsorption in Zeolites. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 8814-8820	3.8	160
149	Microwave-induced regeneration of activated carbons polluted with phenol. A comparison with conventional thermal regeneration. <i>Carbon</i> , 2004 , 42, 1383-1387	10.4	147
148	H ₂ , N ₂ , CO, and CO ₂ sorption properties of a series of robust sodalite-type microporous coordination polymers. <i>Inorganic Chemistry</i> , 2006 , 45, 2397-9	5.1	144
147	Guest-induced modification of a magnetically active ultramicroporous, gismondine-like, copper(II) coordination network. <i>Journal of the American Chemical Society</i> , 2008 , 130, 3978-84	16.4	140
146	Removal of an analgesic using activated carbons prepared from urban and industrial residues. <i>Chemical Engineering Journal</i> , 2010 , 163, 249-255	14.7	121
145	Understanding Gas-Induced Structural Deformation of ZIF-8. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 1159-64	6.4	117
144	Metal-loaded polystyrene-based activated carbons as dibenzothiophene removal media via reactive adsorption. <i>Carbon</i> , 2006 , 44, 2404-2412	10.4	117
143	Role of activated carbon features on the photocatalytic degradation of phenol. <i>Applied Surface Science</i> , 2010 , 256, 5254-5258	6.7	110
142	N-doped monolithic carbon aerogel electrodes with optimized features for the electrosorption of ions. <i>Carbon</i> , 2015 , 83, 262-274	10.4	103
141	Biomass waste-derived activated carbon for the removal of arsenic and manganese ions from aqueous solutions. <i>Applied Surface Science</i> , 2009 , 255, 4650-4657	6.7	102
140	Chapter 4 Surface chemistry of activated carbons and its characterization. <i>Interface Science and Technology</i> , 2006 , 159-229	2.3	101
139	Microwave-assisted regeneration of activated carbons loaded with pharmaceuticals. <i>Water Research</i> , 2007 , 41, 3299-306	12.5	99
138	Dual gas analysis of microporous carbons using 2D-NLDFT heterogeneous surface model and combined adsorption data of N ₂ and CO ₂ . <i>Carbon</i> , 2015 , 91, 330-337	10.4	95

137	Surface modification of low cost carbons for their application in the environmental protection. <i>Applied Surface Science</i> , 2005 , 252, 619-624	6.7	95
136	Surface Modification of CNTs with N-Doped Carbon: An Effective Way of Enhancing Their Performance in Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 1049-1055	8.3	94
135	Competitive adsorption of ibuprofen and amoxicillin mixtures from aqueous solution on activated carbons. <i>Journal of Colloid and Interface Science</i> , 2015 , 449, 252-60	9.3	90
134	Photochemical behaviour of activated carbons under UV irradiation. <i>Carbon</i> , 2012 , 50, 249-258	10.4	84
133	Stability of a carbon gel electrode when used for the electro-assisted removal of ions from brackish water. <i>Carbon</i> , 2011 , 49, 3723-3730	10.4	84
132	Adsorption of naphthalene from aqueous solution on activated carbons obtained from bean pods. <i>Journal of Hazardous Materials</i> , 2009 , 161, 1150-6	12.8	78
131	Surface heterogeneity effects of activated carbons on the kinetics of paracetamol removal from aqueous solution. <i>Applied Surface Science</i> , 2010 , 256, 5171-5175	6.7	78
130	Influence of oxygen-containing functional groups on active carbon adsorption of selected organic compounds. <i>Fuel Processing Technology</i> , 2002 , 79, 265-271	7.2	78
129	A novel method for metal oxide deposition on carbon aerogels with potential application in capacitive deionization of saline water. <i>Electrochimica Acta</i> , 2014 , 135, 208-216	6.7	69
128	Removal of naphthalene from aqueous solution on chemically modified activated carbons. <i>Water Research</i> , 2007 , 41, 333-40	12.5	69
127	Mechanism of adsorption and electrosorption of bentazone on activated carbon cloth in aqueous solutions. <i>Water Research</i> , 2007 , 41, 3372-80	12.5	69
126	Deep eutectic assisted synthesis of carbon adsorbents highly suitable for low-pressure separation of CO ₂ /H ₄ gas mixtures. <i>Energy and Environmental Science</i> , 2012 , 5, 8699	35.4	67
125	New copper/GO based material as an efficient oxygen reduction catalyst in an alkaline medium: The role of unique Cu/rGO architecture. <i>Applied Catalysis B: Environmental</i> , 2015 , 163, 424-435	21.8	64
124	Polarization-induced distortion of ions in the pores of carbon electrodes for electrochemical capacitors. <i>Carbon</i> , 2009 , 47, 3158-3166	10.4	64
123	Textural development and hydrogen adsorption of carbon materials from PET waste. <i>Journal of Alloys and Compounds</i> , 2004 , 379, 280-289	5.7	56
122	Low temperature regeneration of activated carbons using microwaves: revising conventional wisdom. <i>Journal of Environmental Management</i> , 2012 , 102, 134-40	7.9	54
121	Electrochemical response of carbon aerogel electrodes in saline water. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 671, 92-98	4.1	52
120	Kinetics of naphthalene adsorption on an activated carbon: comparison between aqueous and organic media. <i>Chemosphere</i> , 2009 , 76, 433-8	8.4	52

119	Solvent-free ionic liquids as in situ probes for assessing the effect of ion size on the performance of electrical double layer capacitors. <i>Carbon</i> , 2006 , 44, 3126-3130	10.4	52
118	Supercapacitive Behavior of Two Glucose-Derived Microporous Carbons: Direct Pyrolysis versus Hydrothermal Carbonization. <i>ChemElectroChem</i> , 2014 , 1, 2138-2145	4.3	50
117	Effects of activated carbon properties on the adsorption of naphthalene from aqueous solutions. <i>Applied Surface Science</i> , 2007 , 253, 5741-5746	6.7	50
116	High value carbon materials from PET recycling. <i>Applied Surface Science</i> , 2004 , 238, 304-308	6.7	50
115	Photoinduced reactions occurring on activated carbons. A combined photooxidation and ESR study. <i>Applied Catalysis A: General</i> , 2013 , 452, 1-8	5.1	49
114	Role of phosphorus in carbon matrix in desulfurization of diesel fuel using adsorption process. <i>Fuel</i> , 2012 , 92, 318-326	7.1	47
113	Visible-light photochemical activity of nanoporous carbons under monochromatic light. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4146-8	16.4	46
112	Carbon foams as catalyst supports for phenol photodegradation. <i>Journal of Hazardous Materials</i> , 2010 , 184, 843-848	12.8	46
111	Borderline microporous/ultramicroporous palladium(II) coordination polymer networks. Effect of pore functionalisation on gas adsorption properties. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1939-1946		45
110	Role of crystal size on swing-effect and adsorption induced structure transition of ZIF-8. <i>Dalton Transactions</i> , 2016 , 45, 6893-900	4.3	45
109	Light-induced generation of radicals on semiconductor-free carbon photocatalysts. <i>Applied Catalysis A: General</i> , 2013 , 453, 310-315	5.1	44
108	On the mechanism of reactive adsorption of dibenzothiophene on organic waste derived carbons. <i>Applied Surface Science</i> , 2007 , 253, 5899-5903	6.7	43
107	Using DFT analysis of adsorption data of multiple gases including H ₂ for the comprehensive characterization of microporous carbons. <i>Carbon</i> , 2007 , 45, 1066-1071	10.4	42
106	Visible light driven photoelectrochemical water splitting on metal free nanoporous carbon promoted by chromophoric functional groups. <i>Carbon</i> , 2014 , 79, 432-441	10.4	41
105	Performance of activated carbons in consecutive phenol photooxidation cycles. <i>Carbon</i> , 2014 , 73, 206-215	10.4	40
104	Understanding phenol adsorption mechanisms on activated carbons. <i>Adsorption</i> , 2011 , 17, 247-254	2.6	39
103	Effect of texture and surface chemistry on adsorptive capacities of activated carbons for phenolic compounds removal. <i>Fuel Processing Technology</i> , 2002 , 77-78, 337-343	7.2	39
102	Enhanced electrochemical response of carbon quantum dot modified electrodes. <i>Talanta</i> , 2018 , 178, 679-685	6.2	38

101	Origin and Perspectives of the Photochemical Activity of Nanoporous Carbons. <i>Advanced Science</i> , 2018 , 5, 1800293	13.6	37
100	Photochemistry of nanoporous carbons: Perspectives in energy conversion and environmental remediation. <i>Journal of Colloid and Interface Science</i> , 2017 , 490, 879-901	9.3	37
99	Assessing the Potential of Biochars Prepared by Steam-Assisted Slow Pyrolysis for CO Adsorption and Separation. <i>Energy & Fuels</i> , 2018 , 32, 10218-10227	4.1	36
98	Efficient nitrogen-doping and structural control of hierarchical carbons using unconventional precursors in the form of deep eutectic solvents. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 17387-17399 ¹³		35
97	Porosity development during steam activation of carbon foams from chemically modified pitch. <i>Microporous and Mesoporous Materials</i> , 2012 , 154, 56-61	5.3	35
96	Activated carbon from coal tar pitch and furfural for the removal of p-nitrophenol and m-aminophenol. <i>Chemical Engineering Journal</i> , 2011 , 172, 102-108	14.7	34
95	Pyrolysis of activated carbons exhausted with organic compounds. <i>Journal of Analytical and Applied Pyrolysis</i> , 2005 , 74, 518-524	6	34
94	Influence of protons on reduction degree and defect formation in electrochemically reduced graphene oxide. <i>Carbon</i> , 2019 , 149, 722-732	10.4	33
93	Adsorption of p-cresol on novel diatomite/carbon composites. <i>Journal of Hazardous Materials</i> , 2011 , 188, 304-10	12.8	33
92	Electrochemical regeneration of activated carbon cloth exhausted with bentazone. <i>Environmental Science & Technology</i> , 2008 , 42, 4500-6	10.3	33
91	Nitrogen-doped carbons prepared from eutectic mixtures as metal-free oxygen reduction catalysts. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 478-488	13	32
90	Activated carbons from waste biomass and low rank coals as catalyst supports for hydrogen production by methanol decomposition. <i>Fuel Processing Technology</i> , 2015 , 137, 139-147	7.2	31
89	Competitive siloxane adsorption in multicomponent gas streams for biogas upgrading. <i>Chemical Engineering Journal</i> , 2018 , 344, 565-573	14.7	31
88	Thermodynamics of hydrogen adsorption on calcium-exchanged faujasite-type zeolites. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 4371-4378	6.7	31
87	Importance of the Hydrophobic Character of Activated Carbons on the Removal of Naphthalene from the Aqueous Phase. <i>Adsorption Science and Technology</i> , 2007 , 25, 155-167	3.6	31
86	Effects of CO ₂ activation of carbon aerogels leading to ultrahigh micro-meso porosity. <i>Microporous and Mesoporous Materials</i> , 2015 , 209, 18-22	5.3	30
85	Carbon-mediated photoinduced reactions as a key factor in the photocatalytic performance of C/TiO ₂ . <i>Catalysis Science and Technology</i> , 2012 , 2, 2264	5.5	30
84	Mn-Containing N-Doped Monolithic Carbon Aerogels with Enhanced Macroporosity as Electrodes for Capacitive Deionization. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 2487-2494	8.3	29

83	Mesoporous carbon black-aerogel composites with optimized properties for the electro-assisted removal of sodium chloride from brackish water. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 741, 42-50 ^{4.1}	28
82	Oxygen-Induced Decrease in the Equilibrium Adsorptive Capacities of Activated Carbons. <i>Adsorption Science and Technology</i> , 2004 , 22, 337-351	3.6 28
81	A rapid microwave-assisted synthesis of a sodium-cadmium metal-organic framework having improved performance as a CO ₂ adsorbent for CCS. <i>Dalton Transactions</i> , 2015 , 44, 9955-63	4.3 27
80	Predicting the suitability of aqueous solutions of deep eutectic solvents for preparation of co-continuous porous carbons via spinodal decomposition processes. <i>Carbon</i> , 2017 , 123, 536-547	10.4 27
79	Role of the surface chemistry of the adsorbent on the initialization step of the water sorption process. <i>Carbon</i> , 2016 , 106, 284-288	10.4 27
78	On the use of carbon black loaded nitrogen-doped carbon aerogel for the electrosorption of sodium chloride from saline water. <i>Electrochimica Acta</i> , 2015 , 170, 154-163	6.7 26
77	Chemically activated high grade nanoporous carbons from low density renewable biomass (Agave sisalana) for the removal of pharmaceuticals. <i>Journal of Colloid and Interface Science</i> , 2019 , 536, 681-693 ^{9.3}	26
76	Carbon black directed synthesis of ultrahigh mesoporous carbon aerogels. <i>Carbon</i> , 2013 , 63, 487-497	10.4 25
75	Synthesis of nanoporous carbons from mixtures of coal tar pitch and furfural and their application as electrode materials. <i>Fuel Processing Technology</i> , 2010 , 91, 1710-1716	7.2 25
74	Engaging nanoporous carbons in Beyond adsorption Applications: Characterization, challenges and performance. <i>Carbon</i> , 2020 , 164, 69-84	10.4 24
73	Visible light driven photooxidation of phenol on TiO ₂ /Cu-loaded carbon catalysts. <i>Carbon</i> , 2014 , 76, 183-192	10.4 24
72	Linz-Donawitz steel slag for the removal of hydrogen sulfide at room temperature. <i>Environmental Science & Technology</i> , 2012 , 46, 8992-7	10.3 24
71	Upgrading of Wastewater Treatment Plants Through the Use of Unconventional Treatment Technologies: Removal of Lidocaine, Tramadol, Venlafaxine and Their Metabolites. <i>Water (Switzerland)</i> , 2012 , 4, 650-669	3 24
70	Nanoporous carbon/WO ₃ anodes for an enhanced water photooxidation. <i>Carbon</i> , 2016 , 108, 471-479	10.4 23
69	Exploiting the adsorption of simple gases O ₂ and H ₂ with minimal quadrupole moments for the dual gas characterization of nanoporous carbons using 2D-NLDFT models. <i>Carbon</i> , 2020 , 160, 164-175	10.4 23
68	Dual role of copper on the reactivity of activated carbons from coal and lignocellulosic precursors. <i>Microporous and Mesoporous Materials</i> , 2012 , 154, 68-73	5.3 22
67	Insights on the Molecular Mechanisms of Hydrogen Adsorption in Zeolites. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 14374-14380	3.8 22
66	Catalytic behavior of alkali-treated Pt/HMOR in n-hexane hydroisomerization. <i>Applied Catalysis A: General</i> , 2014 , 476, 148-157	5.1 21

65	Molecular Sieves for the Separation of Hydrogen Isotopes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 18833-18840	9.5	20
64	Toward a Transferable Set of Charges to Model Zeolitic Imidazolate Frameworks: Combined Experimental/Theoretical Research. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 466-471	3.8	20
63	Textural characterisation of activated carbons obtained from poly(ethylene terephthalate) by carbon dioxide activation. <i>Studies in Surface Science and Catalysis</i> , 2002 , 537-543	1.8	20
62	Boosting visible light conversion in the confined pore space of nanoporous carbons. <i>Carbon</i> , 2016 , 96, 98-104	10.4	19
61	Reactive adsorption of penicillin on activated carbons. <i>Adsorption</i> , 2011 , 17, 421-429	2.6	19
60	Role of surface adsorption and porosity features in the molecular recognition ability of imprinted sol-gels. <i>Biosensors and Bioelectronics</i> , 2008 , 23, 1101-8	11.8	19
59	Sodium on the Surface of Activated Carbons as a Factor Enhancing Reactive Adsorption of Dibenzothiophene. <i>Energy & Fuels</i> , 2006 , 20, 1076-1080	4.1	19
58	Nanoconfinement of glucose oxidase on mesoporous carbon electrodes with tunable pore sizes. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 808, 372-379	4.1	18
57	Effect of outgassing temperature on the performance of porous materials. <i>Applied Surface Science</i> , 2010 , 256, 5182-5186	6.7	18
56	Sulfur-mediated photochemical energy harvesting in nanoporous carbons. <i>Carbon</i> , 2016 , 104, 253-259	10.4	18
55	Boosting the visible-light photoactivity of Bi ₂ WO ₆ using acidic carbon additives. <i>Applied Catalysis A: General</i> , 2015 , 505, 467-477	5.1	16
54	Phenol Adsorption and Photo-Oxidation on Porous Carbon/Titania Composites. <i>Adsorption Science and Technology</i> , 2010 , 28, 727-738	3.6	16
53	On the analysis of diffuse reflectance measurements to estimate the optical properties of amorphous porous carbons and semiconductor/carbon catalysts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 398, 112622	4.7	16
52	Structural Changes in Polyethylene Terephthalate (PET) Waste Materials Caused by Pyrolysis and CO ₂ Activation. <i>Adsorption Science and Technology</i> , 2006 , 24, 439-450	3.6	15
51	Highly mesoporous carbons obtained using a dynamic template method. <i>Microporous and Mesoporous Materials</i> , 2006 , 89, 315-324	5.3	15
50	Tailoring the textural properties of an activated carbon for enhancing its adsorption capacity towards diclofenac from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 6141-6152	5.1	15
49	Photochemical Degradation of Cyanides and Thiocyanates from an Industrial Wastewater. <i>Molecules</i> , 2019 , 24,	4.8	14
48	Moisture insensitive adsorption of ammonia on resorcinol-formaldehyde resins. <i>Journal of Hazardous Materials</i> , 2016 , 305, 96-104	12.8	14

47	Tuning the Surface Chemistry of Nanoporous Carbons for Enhanced Nanoconfined Photochemical Activity. <i>ChemCatChem</i> , 2015 , 7, 3012-3019	5.2	14
46	Synthesis of Porous and Mechanically Compliant Carbon Aerogels Using Conductive and Structural Additives. <i>Gels</i> , 2016 , 2,	4.2	14
45	Role of hydrogen bonding in the capture and storage of ammonia in zeolites. <i>Chemical Engineering Journal</i> , 2020 , 387, 124062	14.7	13
44	On the correlation between the porous structure and the electrochemical response of powdered and monolithic carbon aerogels as electrodes for capacitive deionization. <i>Journal of Solid State Chemistry</i> , 2016 , 242, 21-28	3.3	13
43	Sunlight photoactivity of rice husks-derived biogenic silica. <i>Catalysis Today</i> , 2019 , 328, 125-135	5.3	12
42	Effect of the irradiation wavelength on the performance of nanoporous carbon as an additive to TiO ₂ . <i>Applied Catalysis A: General</i> , 2015 , 507, 91-98	5.1	11
41	Fast synthesis of micro/mesoporous xerogels: Textural and energetic assessment. <i>Microporous and Mesoporous Materials</i> , 2015 , 209, 2-9	5.3	11
40	Further Extending the Dilution Range of the Solvent-in-DES Regime upon the Replacement of Water by an Organic Solvent with Hydrogen Bond Capabilities. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 12120-12131	8.3	11
39	Pt/carbon materials as bi-functional catalysts for n-decane hydroisomerization. <i>Microporous and Mesoporous Materials</i> , 2012 , 163, 21-28	5.3	11
38	Photochemical reactivity of apical oxygen in K ₂ Nb ₂ O ₇ materials for environmental remediation under UV irradiation. <i>Journal of Colloid and Interface Science</i> , 2017 , 496, 211-221	9.3	10
37	Characterization of the different fractions obtained from the pyrolysis of rope industry waste. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012 , 95, 31-37	6	10
36	On the Adsorption Kinetics and Equilibrium of Polyaromatic Hydrocarbons from Aqueous Solution. <i>Adsorption Science and Technology</i> , 2011 , 29, 467-478	3.6	10
35	Design and development of a controlled pressure/temperature set-up for in situ studies of solid-gas processes and reactions in a synchrotron X-ray powder diffraction station. <i>Journal of Synchrotron Radiation</i> , 2015 , 22, 42-8	2.4	9
34	Porous Organic Polymers Containing Active Metal Centers for Suzuki-Miyaura Heterocoupling Reactions. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 56974-56986	9.5	9
33	Electrocatalytic activity of Ni-doped nanoporous carbons in the electrooxidation of propargyl alcohol. <i>Carbon</i> , 2014 , 73, 291-302	10.4	9
32	Improved phenol adsorption on carbons after mild temperature steam reactivation. <i>Journal of Hazardous Materials</i> , 2009 , 166, 1289-95	12.8	9
31	A comparison of characterization methods based on N ₂ and CO ₂ adsorption for the assessment of the pore size distribution of carbons. <i>Studies in Surface Science and Catalysis</i> , 2007 , 160, 319-326	1.8	9
30	Adsorption of Thiocyanate Anions From Aqueous Solution onto Adsorbents of Various Origin. <i>Adsorption Science and Technology</i> , 2010 , 28, 705-716	3.6	8

29	Photochemical and electrochemical reduction of graphene oxide thin films: tuning the nature of surface defects. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 20732-20743	3.6	8
28	Novel opportunities for nanoporous carbons as energetic materials. <i>Carbon</i> , 2020 , 164, 129-132	10.4	8
27	Photochemical Behavior of Carbon Adsorbents 2012 , 521-547		7
26	Carbon Materials as Additives to WO ₃ for an Enhanced Conversion of Simulated Solar Light. <i>Frontiers in Materials</i> , 2016 , 3,	4	7
25	A green and fast approach to nanoporous carbons with tuned porosity: UV-assisted condensation of organic compounds at room temperature. <i>Carbon</i> , 2017 , 116, 264-274	10.4	6
24	Visible-Light Photochemical Activity of Nanoporous Carbons under Monochromatic Light. <i>Angewandte Chemie</i> , 2014 , 126, 4230-4232	3.6	6
23	Tuning the Photocatalytic Activity and Optical Properties of Mesoporous TiO ₂ Spheres by a Carbon Scaffold. <i>Journal of Catalysts</i> , 2013 , 2013, 1-9		6
22	Designing micro- and mesoporous carbon networks by chemical activation of organic resins. <i>Adsorption</i> , 2017 , 23, 303-312	2.6	5
21	Insights on the Use of Carbon Additives as Promoters of the Visible-Light Photocatalytic Activity of BiVO ₄ <i>Materials</i> , 2019 , 12,	3.5	5
20	On the use of diatomite as antishrinkage additive in the preparation of monolithic carbon aerogels. <i>Carbon</i> , 2016 , 98, 280-284	10.4	5
19	Carbon materials based on screen-printing electrochemical platforms in biosensing applications. <i>SPR Electrochemistry</i> , 2015 , 133-169		5
18	The ability of a fibrous titanium oxophosphate for nitrogen-adsorption above room temperature. <i>Chemical Communications</i> , 2017 , 53, 2249-2251	5.8	4
17	Carbon-Based Sorbent Coatings for the Determination of Pharmaceutical Compounds by Bar Adsorptive Microextraction.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2078-2091	4.1	4
16	Stabilisation of sheep wool fibres under air atmosphere: Study of physicochemical changes. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021 , 268, 115115	3.1	4
15	Surface Modification of a Nanoporous Carbon Photoanode upon Irradiation. <i>Molecules</i> , 2016 , 21,	4.8	4
14	The Role of Carbon on Copper/Carbon Composites for the Electrooxidation of Alcohols in an Alkaline Medium. <i>Journal of Carbon Research</i> , 2017 , 3, 36	3.3	3
13	Photoelectrochemical Response of WO ₃ /Nanoporous Carbon Anodes for Photocatalytic Water Oxidation. <i>Journal of Carbon Research</i> , 2018 , 4, 45	3.3	3
12	Nanoporous Carbons with Tuned Porosity. <i>Green Energy and Technology</i> , 2019 , 91-135	0.6	2

11	Carbon Black as Conductive Additive and Structural Director of Porous Carbon Gels. <i>Materials</i> , 2020 , 13,	3.5	2
10	Chemically modified nanoporous carbons obtained using template carbonization method. <i>Studies in Surface Science and Catalysis</i> , 2007 , 160, 559-566	1.8	2
9	Potential of CO ₂ capture from flue gases by physicochemical and biological methods: A comparative study. <i>Chemical Engineering Journal</i> , 2021 , 417, 128020	14.7	2
8	Reply to Comments by Yuh-Shan Ho on Kinetics of naphthalene adsorption on an activated carbon: Comparison between aqueous and organic media [Chemosphere 76 (4) (2009) 433-438]. <i>Chemosphere</i> , 2009 , 77, 1454	8.4	1
7	Surface Chemistry of Green Carbons 2014 , 1-33		1
6	Effect of confinement of horse heart cytochrome c and formate dehydrogenase from <i>Candida boidinii</i> on mesoporous carbons on their catalytic activity. <i>Bioprocess and Biosystems Engineering</i> , 2021 , 44, 1699-1710	3.7	1
5	Solventless Olefin Epoxidation Using a Mo-loaded Sisal Derived Acid-Char Catalyst. <i>ChemistrySelect</i> , 2018 , 3, 10357-10363	1.8	1
4	Photocatalytic Performance of Carbon-Containing CuMo-Based Catalysts under Sunlight Illumination. <i>Catalysts</i> , 2022 , 12, 46	4	0
3	Fabrication of a biocathode for formic acid production upon the immobilization of formate dehydrogenase from <i>Candida boidinii</i> on a nanoporous carbon. <i>Chemosphere</i> , 2021 , 291, 133117	8.4	0
2	Exploring the use of carbon materials as cathodes in electrochemical advanced oxidation processes for the degradation of antibiotics. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107506	6.8	0
1	Metal-Free Nanoporous Carbons in Photocatalysis 2018 , 501-527		