

# Francisco J Maldonado-Hdar

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3577675/francisco-j-maldonado-hodar-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

157  
papers

6,061  
citations

39  
h-index

73  
g-index

162  
ext. papers

6,604  
ext. citations

7.9  
avg, IF

5.94  
L-index

#	Paper	IF	Citations
157	One-Pot Thermal Synthesis of g-CN/ZnO Composites for the Degradation of 5-Fluoruracil Cytostatic Drug under UV-LED Irradiation.. <i>Nanomaterials</i> , <b>2022</b> , 12,	5.4	2
156	Specific adsorbents for the treatment of OMW phenolic compounds by activation of bio-residues from the olive oil industry.. <i>Journal of Environmental Management</i> , <b>2022</b> , 306, 114490	7.9	2
155	Sustainable iron-olive stone-based catalysts for Fenton-like olive mill wastewater treatment: Development and performance assessment in continuous fixed-bed reactor operation. <i>Chemical Engineering Journal</i> , <b>2022</b> , 435, 134809	14.7	0
154	Revisiting the influence of metals on resorcinol-formaldehyde carbon gels: Physicochemical properties, transformations and synergism between phases. <i>Inorganica Chimica Acta</i> , <b>2022</b> , 535, 120850	2.7	0
153	Heterogeneous Gold Nanoparticle-Based Catalysts for the Synthesis of Click-Derived Triazoles via the Azide-Alkyne Cycloaddition Reaction. <i>Catalysts</i> , <b>2022</b> , 12, 45	4	2
152	Chemoresistive NH <sub>3</sub> gas sensor at room temperature based on the carbon gel-TiO <sub>2</sub> nanocomposites. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 368, 132103	8.5	4
151	Syngas production by bi-reforming of methane on a bimetallic Ni-ZnO doped zeolite 13X. <i>Fuel</i> , <b>2021</b> , 311, 122592	7.1	2
150	Enhanced catalytic performance of ZnO/carbon materials in the green synthesis of poly-substituted quinolines. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 10, 106879	6.8	0
149	Integration of olive stones in the production of Fe/AC-catalysts for the CWPO treatment of synthetic and real olive mill wastewater. <i>Chemical Engineering Journal</i> , <b>2021</b> , 411, 128451	14.7	6
148	Photocatalytic Performance of ZnO-Graphene Oxide Composites towards the Degradation of Vanillic Acid under Solar Radiation and Visible-LED. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	8
147	Glucose-Carbon Hybrids as Pt Catalyst Supports for the Continuous Furfural Hydroconversion in Gas Phase. <i>Catalysts</i> , <b>2021</b> , 11, 49	4	2
146	Carbon Nanomaterials for Air and Water Remediation <b>2021</b> , 331-365		1
145	A Comparative Study of Aromatization Catalysts: The Advantage of Hybrid Oxy/Carbides and Platinum-Catalysts Based on Carbon Gels. <i>Journal of Carbon Research</i> , <b>2021</b> , 7, 21	3.3	1
144	Fitting Biochars and Activated Carbons from Residues of the Olive Oil Industry as Supports of Fe-Catalysts for the Heterogeneous Fenton-Like Treatment of Simulated Olive Mill Wastewater. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	8
143	Functionalized Graphene Derivatives and TiO <sub>2</sub> for High Visible Light Photodegradation of Azo Dyes. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	7
142	Cellulose-TiO <sub>2</sub> composites for the removal of water pollutants <b>2020</b> , 329-358		4
141	Functionalized Cellulose for the Controlled Synthesis of Novel Carbon-Ti Nanocomposites: Physicochemical and Photocatalytic Properties. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	17

140	A new platform for facile synthesis of hybrid TiO <sub>2</sub> nanostructures by various functionalizations of cellulose to be used in highly-efficient photocatalysis. <i>Materials Letters</i> , <b>2020</b> , 274, 128016	3.3	3
139	Influence of Electrostatic Interactions During the Resorcinol-Formaldehyde Polymerization on the Characteristics of Mo-Doped Carbon Gels. <i>Processes</i> , <b>2020</b> , 8, 746	2.9	5
138	ZrO <sub>2</sub> -TiO <sub>2</sub> /Carbon core-shell composites as highly efficient solar-driven photo-catalysts: An approach for removal of hazardous water pollutants. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104350	6.8	0
137	Reduction of NO with new vanadium-carbon xerogel composites. Effect of the oxidation state of vanadium species. <i>Carbon</i> , <b>2020</b> , 156, 194-204	10.4	6
136	Wastewater Treatment by Catalytic Wet Peroxidation Using Nano Gold-Based Catalysts: A Review. <i>Catalysts</i> , <b>2019</b> , 9, 478	4	11
135	Organic and Carbon Gels. <i>Advances in Sol-gel Derived Materials and Technologies</i> , <b>2019</b> ,	0.8	8
134	Properties of Carbon Aerogels and Their Organic Precursors. <i>Advances in Sol-gel Derived Materials and Technologies</i> , <b>2019</b> , 87-121	0.8	1
133	Fitting Carbon Gels and Composites for Environmental Processes. <i>Advances in Sol-gel Derived Materials and Technologies</i> , <b>2019</b> , 123-147	0.8	
132	Organic and Carbon Gels: From Laboratory to Industry?. <i>Advances in Sol-gel Derived Materials and Technologies</i> , <b>2019</b> , 1-26	0.8	1
131	The use of functionalized carbon xerogels in cells growth. <i>Materials Science and Engineering C</i> , <b>2019</b> , 100, 598-607	8.3	6
130	Cobalt oxide-carbon nanocatalysts with highly enhanced catalytic performance for the green synthesis of nitrogen heterocycles through the Friedländer condensation. <i>Dalton Transactions</i> , <b>2019</b> , 48, 5637-5648	4.3	8
129	Treatment of high-strength olive mill wastewater by combined Fenton-like oxidation and coagulation/flocculation. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103252	6.8	26
128	Synthesis of TiO <sub>x</sub> nanocrystals in mild synthesis conditions for the degradation of pollutants under solar light. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 241, 385-392	21.8	47
127	Activated carbons from agricultural waste solvothermally doped with sulphur as electrodes for supercapacitors. <i>Chemical Engineering Journal</i> , <b>2018</b> , 334, 1835-1841	14.7	65
126	Insights on Carbonaceous Materials Tailoring for Effective Removal of the Anticancer Drug 5-Fluorouracil from Contaminated Waters. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 3932-3940	3.9	8
125	Carbon - iron electro-catalysts for CO <sub>2</sub> reduction. The role of the iron particle size. <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2018</b> , 24, 240-249	7.6	15
124	Resorcinol-formaldehyde carbon xerogel as selective adsorbent of carbon dioxide present on biogas. <i>Adsorption</i> , <b>2018</b> , 24, 169-177	2.6	9
123	Developing strategies for the preparation of Co-carbon catalysts involved in the free solvent selective synthesis of aza-heterocycles. <i>Molecular Catalysis</i> , <b>2018</b> , 445, 223-231	3.3	7

122	Dye-containing wastewater treatment by photo-assisted wet peroxidation using Au nanosized catalysts. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2018</b> , 93, 3223-3232	3.5	7
121	Influence of surfactants on the physicochemical properties and catalytic behaviour of Mo-doped carbon xerogels. <i>Catalysis Today</i> , <b>2018</b> , 301, 217-225	5.3	7
120	Physicochemical properties of new cellulose-TiO <sub>2</sub> composites for the removal of water pollutants: Developing specific interactions and performances by cellulose functionalization. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 5032-5041	6.8	40
119	Metal-Carbon-CNF Composites Obtained by Catalytic Pyrolysis of Urban Plastic Residues as Electro-Catalysts for the Reduction of CO <sub>2</sub> . <i>Catalysts</i> , <b>2018</b> , 8, 198	4	2
118	Electrodes Based on Carbon Aerogels Partially Graphitized by Doping with Transition Metals for Oxygen Reduction Reaction. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	19
117	Fitting the experimental conditions and characteristics of Pt/C catalyst for the selective hydrogenation of citral. <i>Chemical Engineering Communications</i> , <b>2018</b> , 205, 1299-1310	2.2	1
116	Insight of the effect of graphitic cluster in the performance of carbon aerogels doped with nickel as electrodes for supercapacitors. <i>Carbon</i> , <b>2018</b> , 139, 888-895	10.4	17
115	Composite Materials Based on (Cymene)Ru(II) Curcumin Additives Loaded on Porous Carbon Adsorbents from Agricultural Residues Display Efficient Antibacterial Activity. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 153-159	4.1	4
114	Carbon/TiO <sub>2</sub> composites as high-performance supercapacitor electrodes: synergistic effect between carbon and metal oxide phases. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 633-644	13	63
113	Electrochemical performances of supercapacitors from carbon-ZrO <sub>2</sub> composites. <i>Electrochimica Acta</i> , <b>2018</b> , 259, 803-814	6.7	26
112	On the Interactions and Synergism between Phases of Carbon/Phosphorus/Titanium Composites Synthesized from Cellulose for the Removal of the Orange-G Dye. <i>Materials</i> , <b>2018</b> , 11,	3.5	20
111	From Carbon Molecular Sieves to VOCs filters: Carbon gels with tailored porosity for hexane isomers adsorption and separation. <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 270, 161-167	5.3	9
110	Wet peroxide oxidation of dye-containing wastewaters using nanosized Au supported on Al <sub>2</sub> O <sub>3</sub> . <i>Catalysis Today</i> , <b>2017</b> , 280, 165-175	5.3	21
109	Highly Efficient and Selective Catalytic Synthesis of Quinolines Involving Transition-Metal-Doped Carbon Aerogels. <i>ChemCatChem</i> , <b>2017</b> , 9, 1422-1428	5.2	19
108	Activated carbons from KOH and H <sub>3</sub> PO <sub>4</sub> -activation of olive residues and its application as supercapacitor electrodes. <i>Electrochimica Acta</i> , <b>2017</b> , 229, 219-228	6.7	149
107	Orange II Degradation by Wet Peroxide Oxidation Using Au Nanosized Catalysts: Effect of the Support. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 1988-1998	3.9	6
106	Biogas upgrading by selective adsorption onto CO <sub>2</sub> activated carbon from wood pellets. <i>Journal of Environmental Chemical Engineering</i> , <b>2017</b> , 5, 1386-1393	6.8	29
105	CH <sub>3</sub> -Tagged Bis(pyrazolato)-Based Coordination Polymers and Metal-Organic Frameworks: An Experimental and Theoretical Insight. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 3854-3867	3.5	14

104	Highly active and stable TiO <sub>2</sub> -supported Au nanoparticles for CO <sub>2</sub> reduction. <i>Catalysis Communications</i> , <b>2017</b> , 98, 52-56	3.2	21
103	Carbon dioxide hydrogenation over supported Au nanoparticles: Effect of the support. <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2017</b> , 19, 247-256	7.6	36
102	Catalytic decomposition of N <sub>2</sub> O on inorganic oxides: Effect of doping with Au nanoparticles. <i>Molecular Catalysis</i> , <b>2017</b> , 436, 78-89	3.3	16
101	Development of Carbon-ZrO <sub>2</sub> composites with high performance as visible-light photocatalysts. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 217, 540-550	21.8	33
100	Supported Gold Nanoparticles as Reusable Catalysts for Oxidation Reactions of Industrial Significance. <i>ChemCatChem</i> , <b>2017</b> , 9, 1211-1221	5.2	39
99	Metal-free synthesis of quinolines catalyzed by carbon aerogels: Influence of the porous texture and surface chemistry. <i>Chemical Engineering Journal</i> , <b>2017</b> , 314, 488-497	14.7	19
98	New carbon xerogel-TiO <sub>2</sub> composites with high performance as visible-light photocatalysts for dye mineralization. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 201, 29-40	21.8	77
97	Cobalt-Doped Carbon Gels as Electro-Catalysts for the Reduction of CO <sub>2</sub> to Hydrocarbons. <i>Catalysts</i> , <b>2017</b> , 7, 25	4	22
96	Preparation of Polyethylene Composites Containing Silver(I) Acylpyrazolonato Additives and SAR Investigation of their Antibacterial Activity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 29676-29687	9.5	18
95	Selective hydrogenation of citral by noble metals supported on carbon xerogels: Catalytic performance and stability. <i>Applied Catalysis A: General</i> , <b>2016</b> , 512, 63-73	5.1	15
94	Application of Au/TiO <sub>2</sub> catalysts in the low-temperature water-gas shift reaction. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 4670-4681	6.7	31
93	Coupling of acrylic dyeing wastewater treatment by heterogeneous Fenton oxidation in a continuous stirred tank reactor with biological degradation in a sequential batch reactor. <i>Journal of Environmental Management</i> , <b>2016</b> , 166, 193-203	7.9	53
92	Influence of the Pt-particle size on the performance of carbon supported catalysts used in the hydrogenation of citral. <i>Catalysis Communications</i> , <b>2016</b> , 82, 36-40	3.2	11
91	Chemoselective Pt-catalysts supported on carbon-TiO <sub>2</sub> composites for the direct hydrogenation of citral to unsaturated alcohols. <i>Journal of Catalysis</i> , <b>2016</b> , 344, 701-711	7.3	12
90	Free metal oxygen-reduction electro-catalysts obtained from biomass residue of the olive oil industry. <i>Chemical Engineering Journal</i> , <b>2016</b> , 306, 1109-1115	14.7	25
89	Fitting the porosity of carbon xerogel by CO <sub>2</sub> activation to improve the TMP/n-octane separation. <i>Microporous and Mesoporous Materials</i> , <b>2015</b> , 209, 10-17	5.3	15
88	Influence of the pretreatment conditions on the development and performance of active sites of Pt/TiO <sub>2</sub> catalysts used for the selective citral hydrogenation. <i>Journal of Catalysis</i> , <b>2015</b> , 327, 86-95	7.3	19
87	Influence of the physicochemical properties of inorganic supports on the activity of immobilized bacteria for water denitrification. <i>Journal of Environmental Management</i> , <b>2015</b> , 156, 81-8	7.9	9

86	Mesoporous carbon-xerogels films obtained by microwave assisted carbonization. <i>Materials Letters</i> , <b>2015</b> , 141, 135-137	3.3	3
85	Heterogeneous Fenton <sup>®</sup> oxidation using Fe/ZSM-5 as catalyst in a continuous stirred tank reactor. <i>Separation and Purification Technology</i> , <b>2015</b> , 141, 235-245	8.3	33
84	Bacteria supported on carbon films for water denitrification. <i>Chemical Engineering Journal</i> , <b>2015</b> , 259, 424-429	14.7	14
83	Development of carbon xerogels as alternative Pt-supports for the selective hydrogenation of citral. <i>Catalysis Communications</i> , <b>2015</b> , 58, 64-69	3.2	19
82	Coupling Noble Metals and Carbon Supports in the Development of Combustion Catalysts for the Abatement of BTX Compounds in Air Streams. <i>Catalysts</i> , <b>2015</b> , 5, 774-799	4	20
81	About the control of VOC <sup>®</sup> emissions from blended fuels by developing specific adsorbents using agricultural residues. <i>Journal of Environmental Chemical Engineering</i> , <b>2015</b> , 3, 2662-2669	6.8	3
80	Tailoring the surface chemistry and porosity of activated carbons: Evidence of reorganization and mobility of oxygenated surface groups. <i>Carbon</i> , <b>2014</b> , 68, 520-530	10.4	64
79	Effect of the preparation method on the catalytic activity and stability of Au/Fe <sub>2</sub> O <sub>3</sub> catalysts in the low-temperature water-gas shift reaction. <i>Applied Catalysis A: General</i> , <b>2014</b> , 470, 45-55	5.1	40
78	Effects of oxidant acid treatments on carbon-templated hierarchical SAPO-11 materials: Synthesis, characterization and catalytic evaluation in n-decane hydroisomerization. <i>Applied Catalysis A: General</i> , <b>2014</b> , 485, 230-237	5.1	17
77	Microspheres of carbon xerogel: An alternative Pt-support for the selective hydrogenation of citral. <i>Applied Catalysis A: General</i> , <b>2014</b> , 482, 318-326	5.1	24
76	Treatment of textile effluents by the heterogeneous Fenton process in a continuous packed-bed reactor using Fe/activated carbon as catalyst. <i>Chemical Engineering Journal</i> , <b>2013</b> , 232, 34-41	14.7	77
75	Advances in the development of nanostructured catalysts based on carbon gels. <i>Catalysis Today</i> , <b>2013</b> , 218-219, 43-50	5.3	23
74	Tailoring activated carbons for the development of specific adsorbents of gasoline vapors. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 263 Pt 2, 533-40	12.8	21
73	Influence of the iron precursor in the preparation of heterogeneous Fe/activated carbon Fenton-like catalysts. <i>Applied Catalysis A: General</i> , <b>2013</b> , 458, 39-47	5.1	38
72	Enlarging an Isorecticular Family: 3,3',5,5'-Tetramethyl-4,4'-bipyrazolato-Based Porous Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 3087-3097	3.5	35
71	Chemical control of the characteristics of Mo-doped carbon xerogels by surfactant-mediated synthesis. <i>Carbon</i> , <b>2013</b> , 51, 213-223	10.4	18
70	New insight about orange II elimination by characterization of spent activated carbon/Fe Fenton-like catalysts. <i>Applied Catalysis B: Environmental</i> , <b>2013</b> , 129, 264-272	21.8	42
69	Catalysts Supported on Carbon Materials for the Selective Hydrogenation of Citral. <i>Catalysts</i> , <b>2013</b> , 3, 853-877	4	56

68	Structural characterization of carbon xerogels: From film to monolith. <i>Microporous and Mesoporous Materials</i> , <b>2012</b> , 153, 24-29	5.3	25
67	Use of pipe deposits from water networks as novel catalysts in paraquat peroxidation. <i>Chemical Engineering Journal</i> , <b>2012</b> , 210, 339-349	14.7	22
66	Influence of the Particle Size of Activated Carbons on Their Performance as Fe Supports for Developing Fenton-like Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2012</b> , 51, 9218-9226	3.9	37
65	Treatment of azo dye-containing wastewater by a Fenton-like process in a continuous packed-bed reactor filled with activated carbon. <i>Journal of Hazardous Materials</i> , <b>2012</b> , 237-238, 30-7	12.8	70
64	Platinum supported on carbon aerogels as catalysts for the n-hexane aromatization. <i>Catalysis Communications</i> , <b>2012</b> , 17, 89-94	3.2	10
63	On the micro- and mesoporosity of carbon aerogels and xerogels. The role of the drying conditions during the synthesis processes. <i>Chemical Engineering Journal</i> , <b>2012</b> , 181-182, 851-855	14.7	46
62	Preparation of carbon aerogel supported platinum catalysts for the selective hydrogenation of cinnamaldehyde. <i>Applied Catalysis A: General</i> , <b>2012</b> , 425-426, 161-169	5.1	34
61	Removing aromatic and oxygenated VOCs from polluted air stream using Pt-carbon aerogels: assessment of their performance as adsorbents and combustion catalysts. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 194, 216-22	12.8	22
60	Metal-doped carbon aerogels as catalysts for the aromatization of n-hexane. <i>Applied Catalysis A: General</i> , <b>2011</b> , 408, 156-162	5.1	11
59	Pt-catalysts supported on activated carbons for catalytic wet air oxidation of aniline: Activity and stability. <i>Applied Catalysis B: Environmental</i> , <b>2011</b> , 105, 86-94	21.8	33
58	Influence of the characteristics of carbon materials on their behaviour as heterogeneous Fenton catalysts for the elimination of the azo dye Orange II from aqueous solutions. <i>Applied Catalysis B: Environmental</i> , <b>2011</b> , 103, 109-115	21.8	91
57	Chemical interactions of surface-active agents with growing resorcinol-formaldehyde gels. <i>Langmuir</i> , <b>2010</b> , 26, 16103-9	4	13
56	Textural and mechanical characteristics of carbon aerogels synthesized by polymerization of resorcinol and formaldehyde using alkali carbonates as basification agents. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 10365-72	3.6	41
55	Design of low-temperature Pt-carbon combustion catalysts for VOC's treatments. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 183, 814-22	12.8	69
54	Wet air oxidation of trinitrophenol with activated carbon catalysts: Effect of textural properties on the mechanism of degradation. <i>Applied Catalysis B: Environmental</i> , <b>2010</b> , 100, 310-317	21.8	27
53	A comparative study of V <sub>2</sub> O <sub>5</sub> /AC and V <sub>2</sub> O <sub>5</sub> /Al <sub>2</sub> O <sub>3</sub> catalysts for the selective catalytic reduction of NO by NH <sub>3</sub> . <i>Chemical Engineering Journal</i> , <b>2009</b> , 149, 173-182	14.7	55
52	Reduction of NO with metal-doped carbon aerogels. <i>Applied Catalysis B: Environmental</i> , <b>2009</b> , 88, 135-141	11.8	27
51	Palladium and platinum catalysts supported on carbon nanofiber coated monoliths for low-temperature combustion of BTX. <i>Applied Catalysis B: Environmental</i> , <b>2009</b> , 89, 411-419	21.8	59

50	Carbon-based monoliths for the catalytic elimination of benzene, toluene and m-xylene. <i>Applied Catalysis A: General</i> , <b>2009</b> , 366, 282-287	5.1	12
49	Fenton-like degradation of azo-dye Orange II catalyzed by transition metals on carbon aerogels. <i>Applied Catalysis B: Environmental</i> , <b>2009</b> , 85, 139-147	21.8	166
48	Synthesis and properties of phloroglucinol-phenol-formaldehyde carbon aerogels and xerogels. <i>Langmuir</i> , <b>2009</b> , 25, 2461-6	4	39
47	Development of carbon coatings for cordierite foams: an alternative to cordierite honeycombs. <i>Langmuir</i> , <b>2008</b> , 24, 3267-73	4	15
46	Carbon-based monolithic supports for palladium catalysts: The role of the porosity in the gas-phase total combustion of m-xylene. <i>Applied Catalysis B: Environmental</i> , <b>2008</b> , 77, 272-277	21.8	31
45	Reversible toluene adsorption on monolithic carbon aerogels. <i>Journal of Hazardous Materials</i> , <b>2007</b> , 148, 548-52	12.8	67
44	Azo-dye Orange II degradation by heterogeneous Fenton-like reaction using carbon-Fe catalysts. <i>Applied Catalysis B: Environmental</i> , <b>2007</b> , 75, 312-323	21.8	432
43	Pd and Pt catalysts supported on carbon-coated monoliths for low-temperature combustion of xylenes. <i>Carbon</i> , <b>2006</b> , 44, 2463-2468	10.4	41
42	Molybdenum carbide formation in molybdenum-doped organic and carbon aerogels. <i>Langmuir</i> , <b>2005</b> , 21, 10850-5	4	27
41	Carbon aerogels for catalysis applications: An overview. <i>Carbon</i> , <b>2005</b> , 43, 455-465	10.4	538
40	Influence of Pt particle size on catalytic combustion of xylenes on carbon aerogel-supported Pt catalysts. <i>Applied Catalysis B: Environmental</i> , <b>2005</b> , 61, 253-258	21.8	42
39	Catalytic combustion of toluene on platinum-containing monolithic carbon aerogels. <i>Applied Catalysis B: Environmental</i> , <b>2004</b> , 54, 217-224	21.8	87
38	Surface morphology, metal dispersion, and pore texture of transition metal-doped monolithic carbon aerogels and steam-activated derivatives. <i>Microporous and Mesoporous Materials</i> , <b>2004</b> , 69, 119-123	5.3	66
37	Activated carbon and tungsten oxide supported on activated carbon catalysts for toluene catalytic combustion. <i>Environmental Science &amp; Technology</i> , <b>2004</b> , 38, 4664-70	10.3	59
36	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> , <b>2003</b> , 217, 30-37	7.3	39
35	On the nature of surface acid sites of chlorinated activated carbons. <i>Carbon</i> , <b>2003</b> , 41, 473-478	10.4	113
34	Influence of carbon-oxygen surface complexes on the surface acidity of tungsten oxide catalysts supported on activated carbons. <i>Carbon</i> , <b>2003</b> , 41, 1157-1167	10.4	38
33	Skeletal isomerization of 1-butene on tungsten oxide catalysts supported on activated carbons with various surface oxygen contents. <i>Carbon</i> , <b>2003</b> , 41, 863-866	10.4	5



32	Morphology of heat-treated tungsten doped monolithic carbon aerogels. <i>Carbon</i> , <b>2003</b> , 41, 1291-1299	10.4	33
31	Physicochemical Surface Properties of Fe, Co, Ni, and Cu-Doped Monolithic Organic Aerogels. <i>Langmuir</i> , <b>2003</b> , 19, 5650-5655	4	90
30	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> , <b>2003</b> , 107, 4997-5002	3.4	3
29	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> , <b>2003</b> , 107, 5003-5007	3.4	4
28	Surface Characteristics of Titania/Carbon Composite Aerogels. <i>Langmuir</i> , <b>2002</b> , 18, 2295-2299	4	61
27	Experimental design to optimize preparation of activated carbons for use in water treatment. <i>Environmental Science &amp; Technology</i> , <b>2002</b> , 36, 3844-9	10.3	56
26	Optimization of conditions for the preparation of activated carbons from olive-waste cakes. <i>Carbon</i> , <b>2001</b> , 39, 425-432	10.4	243
25	Synthesis, pore texture and surface acid-base character of TiO <sub>2</sub> /carbon composite xerogels and aerogels and their carbonized derivatives. <i>Applied Catalysis A: General</i> , <b>2000</b> , 203, 151-159	5.1	58
24	Influence of the Alkali in Pt/Alkali-Zeolite on the Pt Characteristics and Catalytic Activity in the Transformation of n-Hexane. <i>Journal of Catalysis</i> , <b>2000</b> , 195, 342-351	7.3	30
23	Catalytic Graphitization of Carbon Aerogels by Transition Metals. <i>Langmuir</i> , <b>2000</b> , 16, 4367-4373	4	393
22	Synthesis and surface characteristics of silica and alumina-carbon composite xerogels. <i>Physical Chemistry Chemical Physics</i> , <b>2000</b> , 2, 4818-4822	3.6	34
21	Metal-carbon aerogels as catalysts and catalyst supports. <i>Studies in Surface Science and Catalysis</i> , <b>2000</b> , 1007-1012	1.8	32
20	The use of coals as catalysts for the oxidative dehydrogenation of n-butane. <i>Applied Catalysis A: General</i> , <b>1999</b> , 178, 49-60	5.1	26
19	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> , <b>1999</b> , 183, 345-356	5.1	87
18	Synthesis and textural characteristics of organic aerogels, transition-metal-containing organic aerogels and their carbonized derivatives. <i>Carbon</i> , <b>1999</b> , 37, 1199-1205	10.4	159
17	Influence of Cesium in Pt/NaCs on the Physico-Chemical and Catalytic Properties of the Pt Clusters in the Aromatization of n-Hexane. <i>Journal of Catalysis</i> , <b>1999</b> , 181, 244-255	7.3	23
16	Effects of non-oxidant and oxidant acid treatments on the surface properties of an activated carbon with very low ash content. <i>Carbon</i> , <b>1998</b> , 36, 145-151	10.4	262
15	Aromatization of n-Heptane on Pt/Alkali or Alkali-Earth Exchanged Beta Zeolite Catalysts: Catalyst Deactivation and Regeneration. <i>Journal of Catalysis</i> , <b>1998</b> , 178, 1-13	7.3	25

14	New Approach to Coal Structure through Its Evolution during Dry Catalytic Hydrogenation. <i>Energy &amp; Fuels</i> , <b>1997</b> , 11, 483-490	4.1	8
13	Oxidative Dehydrogenation of n-Butane over Alkali and Alkaline Earth-Promoted NiMoO <sub>4</sub> Catalysts. <i>Journal of Catalysis</i> , <b>1997</b> , 169, 469-479	7.3	31
12	Influence of the exchanged cation in coke deposition during n-hexane reactions on Pt/MZeolite catalysts. <i>Catalysis Letters</i> , <b>1997</b> , 48, 69-73	2.8	5
11	Electrical conductivity, basicity and catalytic activity of Cs-promoted NiMoO <sub>4</sub> catalysts for the oxidative dehydrogenation of n-butane. <i>Applied Catalysis A: General</i> , <b>1997</b> , 158, 243-256	5.1	17
10	Textural Changes in Coals during Hydrogenation. <i>Langmuir</i> , <b>1996</b> , 12, 5654-5658	4	1
9	The Effects of Coke Deposition on NiMoO <sub>4</sub> Used in the Oxidative Dehydrogenation of Butane. <i>Journal of Catalysis</i> , <b>1996</b> , 164, 399-410	7.3	34
8	Demineralization of a bituminous coal by froth flotation before obtaining activated carbons. <i>Carbon</i> , <b>1996</b> , 34, 917-921	10.4	11
7	Oxidative dehydrogenation of n-butane on Cs doped nickel molybdate: Kinetics and mechanism. <i>Applied Catalysis A: General</i> , <b>1996</b> , 135, 137-153	5.1	16
6	Oxidative dehydrogenation of butane: changes in chemical, structural and catalytic behavior of Cs-doped nickel molybdate. <i>Journal of Molecular Catalysis A</i> , <b>1996</b> , 111, 313-323		26
5	Influence of the porous nature of coals on Mo-catalysed hydrogenation kinetics. <i>The Chemical Engineering Journal and the Biochemical Engineering Journal</i> , <b>1995</b> , 58, 53-57		
4	Influence of the Porous Texture of Coals on Their Hydrogenation Processes Catalyzed by Fe. <i>Energy &amp; Fuels</i> , <b>1995</b> , 9, 319-323	4.1	5
3	Influence and transformation of coal mineral matter during hydrogenation. <i>Fuel</i> , <b>1995</b> , 74, 818-822	7.1	7
2	Influence and modification of the porous texture of coals during hydrogenation. <i>Fuel</i> , <b>1995</b> , 74, 823-829	7.1	5
1	Hydrogenation of coals catalysed by Mo effect and transformation of porous texture. <i>Fuel</i> , <b>1995</b> , 74, 1709-1715	7.1	4