

# Josã© L Figueiredo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2584134/publications.pdf>

Version: 2024-02-01

340  
papers

22,586  
citations

6254

80  
h-index

12597

132  
g-index

360  
all docs

360  
docs citations

360  
times ranked

20204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fe, Co, N-doped carbon nanotubes as bifunctional oxygen electrocatalysts. <i>Applied Surface Science</i> , 2022, 572, 151459.	6.1	3
2	In situ growth and crystallization of TiO <sub>2</sub> on polymeric membranes for the photocatalytic degradation of diclofenac and 17 $\beta$ -ethinylestradiol. <i>Chemical Engineering Journal</i> , 2022, 427, 131476.	12.7	32
3	Syngas production by bi-reforming of methane on a bimetallic Ni-ZnO doped zeolite 13X. <i>Fuel</i> , 2022, 311, 122592.	6.4	10
4	One-Pot Thermal Synthesis of g-C <sub>3</sub> N <sub>4</sub> /ZnO Composites for the Degradation of 5-Fluoruracil Cytostatic Drug under UV-LED Irradiation. <i>Nanomaterials</i> , 2022, 12, 340.	4.1	12
5	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> , 2022, 306, 114490.	7.8	12
6	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> , 2022, 435, 134809.	12.7	19
7	Optimization of the preparation conditions of cordierite honeycomb monoliths washcoated with cryptomelane-type manganese oxide for VOC oxidation. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 2504-2515.	2.2	8
8	Graphene-based catalytic membranes for water treatment – A review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104930.	6.7	20
9	Electrochemical oxidation of diclofenac on CNT and M/CNT modified electrodes. <i>New Journal of Chemistry</i> , 2021, 45, 12622-12633.	2.8	7
10	Carbon Nanomaterials for Air and Water Remediation. , 2021, , 331-365.		1
11	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> , 2021, 7, 21.	2.7	2
12	Towards Controlled Degradation of Poly(lactic) Acid in Technical Applications. <i>Journal of Carbon Research</i> , 2021, 7, 42.	2.7	83
13	Heteroatom (N, S) Co-Doped CNTs in the Phenol Oxidation by Catalytic Wet Air Oxidation. <i>Catalysts</i> , 2021, 11, 578.	3.5	7
14	Green Chemistry and Environmental Processes. <i>Catalysts</i> , 2021, 11, 643.	3.5	0
15	Dibenzothiophene adsorption onto carbon-based adsorbent produced from the coconut shell: Effect of the functional groups density and textural properties on kinetics and equilibrium. <i>Fuel</i> , 2021, 292, 120354.	6.4	13
16	Supported Biofilms on Carbon–Oxide Composites for Nitrate Reduction in Agricultural Waste Water. <i>Molecules</i> , 2021, 26, 2987.	3.8	0
17	Relationships between texture, surface chemistry and performance of N-doped carbon xerogels in the oxygen reduction reaction. <i>Applied Surface Science</i> , 2021, 548, 149242.	6.1	20
18	Effective adsorption of the endocrine disruptor compound bisphenol a from water on surface-modified carbon materials. <i>Applied Surface Science</i> , 2021, 552, 149513.	6.1	32

#	ARTICLE	IF	CITATIONS
19	Photocatalytic Performance of ZnO-Graphene Oxide Composites towards the Degradation of Vanillic Acid under Solar Radiation and Visible-LED. <i>Nanomaterials</i> , 2021, 11, 1576.	4.1	21
20	Direct catalytic conversion of agro-forestry biomass wastes into ethylene glycol over CNT supported Ru and W catalysts. <i>Industrial Crops and Products</i> , 2021, 166, 113461.	5.2	19
21	Degradation and mineralization of oxalic acid using catalytic wet oxidation over carbon coated ceramic monoliths. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105369.	6.7	9
22	Solid acid carbon catalysts for sustainable production of biofuel enhancers via transesterification of glycerol with ethyl acetate. <i>Fuel</i> , 2021, 304, 121381.	6.4	9
23	Photocatalytic membranes: Synthesis, properties, and applications. , 2021, , 385-406.		0
24	Solvent-free oxidation of 1-phenylethanol catalysed by gold nanoparticles supported on carbon powder materials. <i>Catalysis Today</i> , 2020, 357, 22-31.	4.4	7
25	Electrochemical oxidation of amoxicillin on carbon nanotubes and carbon nanotube supported metal modified electrodes. <i>Catalysis Today</i> , 2020, 357, 322-331.	4.4	15
26	Commercial gold(III) complex supported on functionalized carbon materials as catalyst for cyclohexane hydrocarboxylation. <i>Catalysis Today</i> , 2020, 357, 39-45.	4.4	5
27	Hydroaminomethylation reaction as powerful tool for preparation of rhodium/phosphine-functionalized nanomaterials. Catalytic evaluation in styrene hydroformylation. <i>Catalysis Today</i> , 2020, 356, 456-463.	4.4	6
28	Metal-free carbon materials as catalysts for wet air oxidation. <i>Catalysis Today</i> , 2020, 356, 189-196.	4.4	20
29	Carbon nanotubes as catalysts for wet peroxide oxidation: The effect of surface chemistry. <i>Catalysis Today</i> , 2020, 357, 332-340.	4.4	18
30	Effect of ball milling on the catalytic activity of cryptomelane for VOC oxidation. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 117-130.	2.2	14
31	The pH effect on the kinetics of 4-nitrophenol removal by CWPO with doped carbon black catalysts. <i>Catalysis Today</i> , 2020, 356, 216-225.	4.4	20
32	Preparation of ceramic and metallic monoliths coated with cryptomelane as catalysts for VOC abatement. <i>Chemical Engineering Journal</i> , 2020, 382, 122923.	12.7	23
33	Effect of porous structure on doping and the catalytic performance of carbon xerogels towards the oxygen reduction reaction. <i>Microporous and Mesoporous Materials</i> , 2020, 293, 109811.	4.4	16
34	Phosphorus-doped carbon/carbon nanotube hybrids as high-performance electrodes for supercapacitors. <i>Electrochimica Acta</i> , 2020, 354, 136713.	5.2	16
35	Influence of Electrostatic Interactions During the Resorcinol-Formaldehyde Polymerization on the Characteristics of Mo-Doped Carbon Gels. <i>Processes</i> , 2020, 8, 746.	2.8	8
36	Carbon-Supported Mo <sub>2</sub> C for Oxygen Reduction Reaction Electrocatalysis. <i>Nanomaterials</i> , 2020, 10, 1805.	4.1	9

#	ARTICLE	IF	CITATIONS
37	Impact of Thermal Treatment of Nb <sub>2</sub> O <sub>5</sub> on Its Performance in Glucose Dehydration to 5-Hydroxymethylfurfural in Water. <i>Nanomaterials</i> , 2020, 10, 1685.	4.1	16
38	Porphyrin-“Nanodiamond Hybrid Materials” Active, Stable and Reusable Cyclohexene Oxidation Catalysts. <i>Catalysts</i> , 2020, 10, 1402.	3.5	9
39	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> , 2020, 10, 876.	4.1	23
40	Functionalized Graphene Derivatives and TiO <sub>2</sub> for High Visible Light Photodegradation of Azo Dyes. <i>Nanomaterials</i> , 2020, 10, 1106.	4.1	12
41	Syngas production by bi-reforming methane on an Ni-“K-promoted catalyst using hydrotalcites and filamentous carbon as a support material. <i>RSC Advances</i> , 2020, 10, 21158-21173.	3.6	7
42	Advanced oxidation technologies combined with direct contact membrane distillation for treatment of secondary municipal wastewater. <i>Chemical Engineering Research and Design</i> , 2020, 140, 111-123.	5.6	25
43	Hydrothermal Carbon/Carbon Nanotube Composites as Electrocatalysts for the Oxygen Reduction Reaction. <i>Journal of Composites Science</i> , 2020, 4, 20.	3.0	6
44	Element-Doped Functional Carbon-Based Materials. <i>Materials</i> , 2020, 13, 333.	2.9	8
45	Hummers-™ and Brodie-™s graphene oxides as photocatalysts for phenol degradation. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 243-255.	9.4	49
46	The impact of surface chemistry of carbon xerogels on their performance in phenol removal from wastewaters via combined adsorption-catalytic process. <i>Applied Surface Science</i> , 2020, 511, 145467.	6.1	22
47	Cellulose-“TiO <sub>2</sub> composites for the removal of water pollutants. , 2020, , 329-358.		8
48	Highly electroactive N-“Fe hydrothermal carbons and carbon nanotubes for the oxygen reduction reaction. <i>Journal of Energy Chemistry</i> , 2020, 50, 260-270.	12.9	13
49	Ethanol Electrooxidation at Platinum-Rare Earth (RE = Ce, Sm, Ho, Dy) Binary Alloys. <i>Energies</i> , 2020, 13, 1658.	3.1	8
50	Functionalized Cellulose for the Controlled Synthesis of Novel Carbon-“Ti Nanocomposites: Physicochemical and Photocatalytic Properties. <i>Nanomaterials</i> , 2020, 10, 729.	4.1	33
51	Glucose-based carbon materials as supports for the efficient catalytic transformation of cellulose directly to ethylene glycol. <i>Cellulose</i> , 2019, 26, 7337-7353.	4.9	24
52	Using square wave voltammetry for the electrochemical characterization of cerium oxide/multiwalled carbon nanotube composites in different aqueous electrolytes. <i>Journal of Electroanalytical Chemistry</i> , 2019, 847, 113269.	3.8	1
53	Catalytic conversion of cellulose to sorbitol over Ru supported on biomass-derived carbon-based materials. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117826.	20.2	61
54	Mechanochemical Approach for N-, S-, P-, and B-Doping of Carbon Nanotubes: Methodology and Catalytic Performance in Wet Air Oxidation. <i>Journal of Carbon Research</i> , 2019, 5, 30.	2.7	13

#	ARTICLE	IF	CITATIONS
55	Glucose-derived carbon materials with tailored properties as electrocatalysts for the oxygen reduction reaction. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 1089-1102.	2.8	27
56	Metal-free graphene-based catalytic membrane for degradation of organic contaminants by persulfate activation. <i>Chemical Engineering Journal</i> , 2019, 369, 223-232.	12.7	104
57	Enhanced biocatalytic sustainability of laccase by immobilization on functionalized carbon nanotubes/polysulfone membranes. <i>Chemical Engineering Journal</i> , 2019, 355, 974-985.	12.7	124
58	Electrochemical investigation of ionic liquid-derived porous carbon materials for supercapacitors: pseudocapacitance versus electrical double layer. <i>Electrochimica Acta</i> , 2019, 298, 541-551.	5.2	32
59	Influence of Multiwalled Carbon Nanotubes as Additives in Biomass-Derived Carbons for Supercapacitor Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 6066-6077.	8.0	67
60	Carbon gels with tuned properties for catalysis and energy storage. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 89, 12-20.	2.4	11
61	Cascade Conversion of Cellobiose to Gluconic Acid: The Large Impact of the Small Modification of Electronic Interaction on the Performance of Au/TiO <sub>2</sub> Bifunctional Catalysts. <i>Energy Technology</i> , 2018, 6, 1675-1686.	3.8	8
62	Ethyl and butyl acetate oxidation over manganese oxides. <i>Chinese Journal of Catalysis</i> , 2018, 39, 27-36.	14.0	9
63	Heterogenized Calcium Scorpionate Iron(II) Complex on Nanostructured Carbon Materials as Recyclable Catalysts for Microwave-Assisted Oxidation Reactions. <i>ChemCatChem</i> , 2018, 10, 1821-1828.	3.7	35
64	Electrocatalytic Activity of Ionic Liquid-Derived Porous Carbon Materials for the Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2018, 5, 1037-1046.	3.4	22
65	Commercial Gold(I) and Gold(III) Compounds Supported on Carbon Materials as Greener Catalysts for the Oxidation of Alkanes and Alcohols. <i>ChemCatChem</i> , 2018, 10, 1804-1813.	3.7	25
66	Commercial Gold(I) and Gold(III) Compounds Supported on Carbon Materials as Greener Catalysts for the Oxidation of Alkanes and Alcohols. <i>ChemCatChem</i> , 2018, 10, 1661-1662.	3.7	0
67	N/S-doped graphene derivatives and TiO <sub>2</sub> for catalytic ozonation and photocatalysis of water pollutants. <i>Chemical Engineering Journal</i> , 2018, 348, 888-897.	12.7	84
68	Oxygen surface groups analysis of carbonaceous samples pyrolysed at low temperature. <i>Carbon</i> , 2018, 134, 255-263.	10.3	48
69	Bifunctional gold catalysts: Relationship between preparation method and catalytic performance in tandem cellobiose valorization. <i>Catalysis Today</i> , 2018, 301, 55-64.	4.4	7
70	CoMn-LDH@carbon nanotube composites: Bifunctional electrocatalysts for oxygen reactions. <i>Catalysis Today</i> , 2018, 301, 17-24.	4.4	44
71	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> , 2018, 11, 1766.	2.9	27
72	Study of the Electroreactivity of Amoxicillin on Carbon Nanotube-Supported Metal Electrodes. <i>ChemCatChem</i> , 2018, 10, 4900-4909.	3.7	7

#	ARTICLE	IF	CITATIONS
73	Cutting the Green Waste. Structureâ€Performance Relationship in Functionalized Carbon Xerogels for Hydrolysis of Cellobiose. ChemCatChem, 2018, 10, 4934-4946.	3.7	10
74	Photocatalytic activity of functionalized nanodiamond-TiO2 composites towards water pollutants degradation under UV/Vis irradiation. Applied Surface Science, 2018, 458, 839-848.	6.1	38
75	Nanostructured porous carbons for electrochemical energy conversion and storage. Surface and Coatings Technology, 2018, 350, 307-312.	4.8	16
76	Metal-Free Catalytic Wet Oxidation: From Powder to Structured Catalyst Using N-Doped Carbon Nanotubes. Topics in Catalysis, 2018, 61, 1957-1966.	2.8	7
77	Composite Materials Based on (Cymene)Ru(II) Curcumin Additives Loaded on Porous Carbon Adsorbents from Agricultural Residues Display Efficient Antibacterial Activity. ACS Applied Bio Materials, 2018, 1, 153-159.	4.6	6
78	Hybrid magnetic graphitic nanocomposites for catalytic wet peroxide oxidation applications. Catalysis Today, 2017, 280, 184-191.	4.4	21
79	Direct conversion of cellulose to sorbitol over ruthenium catalysts: Influence of the support. Catalysis Today, 2017, 279, 244-251.	4.4	41
80	Effect of cobalt loading on the solid state properties and ethyl acetate oxidation performance of cobalt-cerium mixed oxides. Journal of Colloid and Interface Science, 2017, 496, 141-149.	9.4	64
81	Supported Câ€Scorpionate Vanadium(IV) Complexes as Reusable Catalysts for Xylene Oxidation. Chemistry - an Asian Journal, 2017, 12, 1915-1919.	3.3	23
82	An overview on exploration and environmental impact of unconventional gas sources and treatment options for produced water. Journal of Environmental Management, 2017, 200, 511-529.	7.8	75
83	Electrochemical Exfoliation of Graphite in Aqueous Sodium Halide Electrolytes toward Low Oxygen Content Graphene for Energy and Environmental Applications. ACS Applied Materials & Interfaces, 2017, 9, 24085-24099.	8.0	92
84	Bifunctionality of the pyrone functional group in oxidized carbon nanotubes towards oxygen reduction reaction. Catalysis Science and Technology, 2017, 7, 1868-1879.	4.1	16
85	Gold nanoparticles deposited on surface modified carbon materials as reusable catalysts for hydrocarboxylation of cyclohexane. Applied Catalysis A: General, 2017, 547, 124-131.	4.3	25
86	Different methodologies for synthesis of nitrogen doped carbon nanotubes and their use in catalytic wet air oxidation. Applied Catalysis A: General, 2017, 548, 62-70.	4.3	39
87	Lignin-based activated carbons as metal-free catalysts for the oxidative degradation of 4-nitrophenol in aqueous solution. Applied Catalysis B: Environmental, 2017, 219, 372-378.	20.2	52
88	Hybrid magnetic graphitic nanocomposites towards catalytic wet peroxide oxidation of the liquid effluent from a mechanical biological treatment plant for municipal solid waste. Applied Catalysis B: Environmental, 2017, 219, 645-657.	20.2	26
89	A â€Nanopore Lithographyâ€Strategy for Synthesizing Hierarchically Micro/Mesoporous Carbons from ZIF-8/Graphene Oxide Hybrids for Electrochemical Energy Storage. ACS Applied Materials & Interfaces, 2017, 9, 44740-44755.	8.0	46
90	The role of cobalt in bimetallic iron-cobalt magnetic carbon xerogels developed for catalytic wet peroxide oxidation. Catalysis Today, 2017, 296, 66-75.	4.4	23

#	ARTICLE	IF	CITATIONS
91	Volatile organic compounds abatement over copper-based catalysts: Effect of support. <i>Inorganica Chimica Acta</i> , 2017, 455, 473-482.	2.4	33
92	Gold Nanoparticles Deposited on Surface Modified Carbon Xerogels as Reusable Catalysts for Cyclohexane C-H Activation in the Presence of CO and Water. <i>Molecules</i> , 2017, 22, 603.	3.8	21
93	Ethyl Acetate Abatement on Copper Catalysts Supported on Ceria Doped with Rare Earth Oxides. <i>Molecules</i> , 2016, 21, 644.	3.8	29
94	Tuning CNT Properties for Metal-Free Environmental Catalytic Applications. <i>Journal of Carbon Research</i> , 2016, 2, 17.	2.7	17
95	Role of Nitrogen Doping on the Performance of Carbon Nanotube Catalysts: A Catalytic Wet Peroxide Oxidation Application. <i>ChemCatChem</i> , 2016, 8, 2068-2078.	3.7	34
96	Nanostructured mesoporous carbons: Tuning texture and surface chemistry. <i>Carbon</i> , 2016, 108, 79-102.	10.3	149
97	Thin-film composite forward osmosis membranes based on polysulfone supports blended with nanostructured carbon materials. <i>Journal of Membrane Science</i> , 2016, 520, 326-336.	8.2	72
98	Oxidovanadium(V) Complexes Anchored on Carbon Materials as Catalysts for the Oxidation of 1-Phenylethanol. <i>ChemCatChem</i> , 2016, 8, 2254-2266.	3.7	46
99	Molybdenum Carbide Nanoparticles on Carbon Nanotubes and Carbon Xerogel: Low-Cost Cathodes for Hydrogen Production by Alkaline Water Electrolysis. <i>ChemSusChem</i> , 2016, 9, 1200-1208.	6.8	56
100	Oxidation of mixtures of ethyl acetate and butyl acetate over cryptomelane and the effect of water vapor. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 1324-1329.	2.3	12
101	Highly efficient and reusable CNT supported iron(II) catalyst for microwave assisted alcohol oxidation. <i>Dalton Transactions</i> , 2016, 45, 6816-6819.	3.3	46
102	Highly active N-doped carbon nanotubes prepared by an easy ball milling method for advanced oxidation processes. <i>Applied Catalysis B: Environmental</i> , 2016, 192, 296-303.	20.2	90
103	Electrochemical storage mechanisms in non-stoichiometric cerium oxide/multiwalled carbon nanotube composites. <i>Electrochimica Acta</i> , 2016, 209, 25-35.	5.2	17
104	Effect of nanostructure on the supercapacitor performance of activated carbon xerogels obtained from hydrothermally carbonized glucose-graphene oxide hybrids. <i>Carbon</i> , 2016, 105, 474-483.	10.3	66
105	CO oxidation over gold supported on Cs, Li and Ti-doped cryptomelane materials. <i>Journal of Colloid and Interface Science</i> , 2016, 480, 17-29.	9.4	15
106	N-doped Carbon Nanotubes for the Oxygen Reduction Reaction in Alkaline Medium: Synergistic Relationship between Pyridinic and Quaternary Nitrogen. <i>ChemistrySelect</i> , 2016, 1, 2522-2530.	1.5	36
107	Photocatalytic Reduction of CO <sub>2</sub> with Water into Methanol and Ethanol Using Graphene Derivative-TiO <sub>2</sub> Composites: Effect of pH and Copper(I) Oxide. <i>Topics in Catalysis</i> , 2016, 59, 1279-1291.	2.8	42
108	Catalytic wet oxidation of organic compounds over N-doped carbon nanotubes in batch and continuous operation. <i>Applied Catalysis B: Environmental</i> , 2016, 199, 361-371.	20.2	27

#	ARTICLE	IF	CITATIONS
109	Catalytic wet peroxide oxidation: a route towards the application of hybrid magnetic carbon nanocomposites for the degradation of organic pollutants. A review. <i>Applied Catalysis B: Environmental</i> , 2016, 187, 428-460.	20.2	143
110	One-pot oxidation of cellobiose to gluconic acid. Unprecedented high selectivity on bifunctional gold catalysts over mesoporous carbon by integrated texture and surface chemistry optimization. <i>Applied Catalysis B: Environmental</i> , 2016, 184, 381-396.	20.2	54
111	Electrochemical synthesis of TiO <sub>2</sub> /Graphene oxide composite films for photocatalytic applications. <i>Journal of Alloys and Compounds</i> , 2016, 654, 514-522.	5.5	30
112	(S)-BINOL Immobilized onto Multiwalled Carbon Nanotubes through Covalent Linkage: A New Approach for Hybrid Nanomaterials Characterization. <i>ChemNanoMat</i> , 2015, 1, 178-187.	2.8	5
113	Coupling Noble Metals and Carbon Supports in the Development of Combustion Catalysts for the Abatement of BTX Compounds in Air Streams. <i>Catalysts</i> , 2015, 5, 774-799.	3.5	25
114	Nitrogen-doped graphene-based materials for advanced oxidation processes. <i>Catalysis Today</i> , 2015, 249, 192-198.	4.4	62
115	Carbon-based TiO <sub>2</sub> materials for the degradation of Microcystin-LA. <i>Applied Catalysis B: Environmental</i> , 2015, 170-171, 74-82.	20.2	66
116	Carbon-supported Mo <sub>2</sub> C electrocatalysts for hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15505-15512.	10.3	85
117	Oxidative dehydrogenation of isobutane catalyzed by an activated carbon fiber cloth exposed to supercritical fluids. <i>Applied Catalysis A: General</i> , 2015, 502, 71-77.	4.3	12
118	Carbonized polyacrylonitrile fibers for the catalytic ozonation of oxalic acid. <i>Catalysis Today</i> , 2015, 249, 59-62.	4.4	9
119	Easy method to prepare N-doped carbon nanotubes by ball milling. <i>Carbon</i> , 2015, 91, 114-121.	10.3	111
120	Oxidative dehydrogenation of isobutane on carbon xerogel catalysts. <i>Catalysis Today</i> , 2015, 249, 176-183.	4.4	34
121	Graphene-based materials for the catalytic wet peroxide oxidation of highly concentrated 4-nitrophenol solutions. <i>Catalysis Today</i> , 2015, 249, 204-212.	4.4	59
122	Effect of preparation method on the solid state properties and the deN <sub>2</sub> O performance of CuO-CeO <sub>2</sub> oxides. <i>Catalysis Science and Technology</i> , 2015, 5, 3714-3727.	4.1	88
123	Graphene oxide based ultrafiltration membranes for photocatalytic degradation of organic pollutants in salty water. <i>Water Research</i> , 2015, 77, 179-190.	11.3	108
124	Hydrothermal functionalization of ordered mesoporous carbons: The effect of boron on supercapacitor performance. <i>Carbon</i> , 2015, 95, 72-83.	10.3	102
125	Adsorption of dyes by ACs prepared from waste tyre reinforcing fibre. Effect of texture, surface chemistry and pH. <i>Journal of Colloid and Interface Science</i> , 2015, 459, 189-198.	9.4	35
126	Multi-walled carbon nanotube/PVDF blended membranes with sponge- and finger-like pores for direct contact membrane distillation. <i>Desalination</i> , 2015, 357, 233-245.	8.2	158



#	ARTICLE	IF	CITATIONS
127	Development of glycerol-based metal-free carbon materials for environmental catalytic applications. <i>Catalysis Today</i> , 2015, 240, 61-66.	4.4	32
128	Nitrogen-doped carbon xerogels as catalysts for advanced oxidation processes. <i>Catalysis Today</i> , 2015, 241, 73-79.	4.4	48
129	Catalytic oxidation of toluene on Ce-Co and La-Co mixed oxides synthesized by exotemplating and evaporation methods. <i>Catalysis Today</i> , 2015, 244, 161-171.	4.4	129
130	Ceramic photocatalytic membranes for water filtration under UV and visible light. <i>Applied Catalysis B: Environmental</i> , 2015, 178, 12-19.	20.2	132
131	Gold supported on metal oxides for volatile organic compounds total oxidation. <i>Catalysis Today</i> , 2015, 244, 103-114.	4.4	99
132	Electrochemical oxidation of aniline at mono and bimetallic electrocatalysts supported on carbon nanotubes. <i>Chemical Engineering Journal</i> , 2015, 260, 309-315.	12.7	32
133	The role of O- and S-containing surface groups on carbon nanotubes for the elimination of organic pollutants by catalytic wet air oxidation. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 314-321.	20.2	52
134	Catalytic oxidation of ethyl acetate on cerium-containing mixed oxides. <i>Applied Catalysis A: General</i> , 2014, 472, 101-112.	4.3	58
135	Catalytic oxidation of ethyl acetate over La-Co and La-Cu oxides. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 344-355.	6.7	37
136	Role of oxygen functionalities on the synthesis of photocatalytically active graphene-TiO <sub>2</sub> composites. <i>Applied Catalysis B: Environmental</i> , 2014, 158-159, 329-340.	20.2	117
137	Stabilized gold on cerium-modified cryptomelane: Highly active in low-temperature CO oxidation. <i>Journal of Catalysis</i> , 2014, 309, 58-65.	6.2	83
138	Controlled surface functionalization of multiwall carbon nanotubes by HNO <sub>3</sub> hydrothermal oxidation. <i>Carbon</i> , 2014, 69, 311-326.	10.3	95
139	Modification of the surface chemistry of single- and multi-walled carbon nanotubes by HNO <sub>3</sub> and H <sub>2</sub> SO <sub>4</sub> hydrothermal oxidation for application in direct contact membrane distillation. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 12237-12250.	2.8	52
140	Prototype composite membranes of partially reduced graphene oxide/TiO <sub>2</sub> for photocatalytic ultrafiltration water treatment under visible light. <i>Applied Catalysis B: Environmental</i> , 2014, 158-159, 361-372.	20.2	95
141	Developing highly active photocatalysts: Gold-loaded ZnO for solar phenol oxidation. <i>Journal of Catalysis</i> , 2014, 316, 182-190.	6.2	65
142	Catalytic performance of heteroatom-modified carbon nanotubes in advanced oxidation processes. <i>Chinese Journal of Catalysis</i> , 2014, 35, 896-905.	14.0	46
143	The influence of structure and surface chemistry of carbon materials on the decomposition of hydrogen peroxide. <i>Carbon</i> , 2013, 62, 97-108.	10.3	103
144	Nanodiamond-TiO <sub>2</sub> Composites for Heterogeneous Photocatalysis. <i>ChemPlusChem</i> , 2013, 78, 801-807.	2.8	33

#	ARTICLE	IF	CITATIONS
145	Gold nanoparticles supported on carbon materials for cyclohexane oxidation with hydrogen peroxide. <i>Applied Catalysis A: General</i> , 2013, 467, 279-290.	4.3	93
146	Heterogenisation of a C-scorpionate Fe <sup>II</sup> Complex on Carbon Materials for Cyclohexane Oxidation with Hydrogen Peroxide. <i>ChemCatChem</i> , 2013, 5, 3847-3856.	3.7	80
147	Synthesis and functionalization of carbon xerogels to be used as supports for fuel cell catalysts. <i>Journal of Energy Chemistry</i> , 2013, 22, 195-201.	12.9	45
148	Removal of 2-nitrophenol by catalytic wet peroxide oxidation using carbon materials with different morphological and chemical properties. <i>Applied Catalysis B: Environmental</i> , 2013, 140-141, 356-362.	20.2	48
149	Carbon as a catalyst: Esterification of acetic acid with ethanol. <i>Catalysis Today</i> , 2013, 218-219, 51-56.	4.4	28
150	Redox properties and VOC oxidation activity of Cu catalysts supported on Ce <sup>1-x</sup> Sm <sup>x</sup> O mixed oxides. <i>Journal of Hazardous Materials</i> , 2013, 261, 512-521.	12.4	92
151	Homogeneous and heterogenised new gold C-scorpionate complexes as catalysts for cyclohexane oxidation. <i>Catalysis Science and Technology</i> , 2013, 3, 3056.	4.1	91
152	Photoactive Zn(II)Porphyrin multi-walled carbon nanotubes nanohybrids through covalent linkages. <i>Materials Chemistry and Physics</i> , 2013, 143, 296-304.	4.0	26
153	Nanodiamond/TiO <sub>2</sub> Composites for Heterogeneous Photocatalysis. <i>ChemPlusChem</i> , 2013, 78, 750-750.	2.8	6
154	Photocatalytic degradation of caffeine: Developing solutions for emerging pollutants. <i>Catalysis Today</i> , 2013, 209, 108-115.	4.4	88
155	Platinum rare earth electrodes for hydrogen evolution in alkaline water electrolysis. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 3137-3145.	7.1	102
156	Simultaneous production of H <sub>2</sub> and C <sub>2</sub> hydrocarbons by using a novel configuration solid-electrolyte fixed bed reactor. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 3111-3122.	7.1	13
157	Exemplified copper, cobalt, iron, lanthanum and nickel oxides for catalytic oxidation of ethyl acetate. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 795-804.	6.7	39
158	Coupling catalysis and gas phase electrocatalysis for the simultaneous production and separation of pure H <sub>2</sub> and C <sub>2</sub> hydrocarbons from methane and natural gas. <i>Applied Catalysis B: Environmental</i> , 2013, 142-143, 298-306.	20.2	10
159	The electrochemical mineralization of oxalic and oxamic acids using modified electrodes based on carbon nanotubes. <i>Chemical Engineering Journal</i> , 2013, 228, 374-380.	12.7	12
160	Electrocatalytic approach for the efficiency increase of electrolytic hydrogen production: Proof-of-concept using platinum-dysprosium alloys. <i>Energy</i> , 2013, 50, 486-492.	8.8	54
161	Spontaneous gold decoration of activated carbons. <i>Inorganica Chimica Acta</i> , 2013, 408, 235-239.	2.4	4
162	Functionalization of porous carbons for catalytic applications. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9351.	10.3	217

#	ARTICLE	IF	CITATIONS
163	Graphene oxide-P25 photocatalysts for degradation of diphenhydramine pharmaceutical and methyl orange dye. Applied Surface Science, 2013, 275, 361-368.	6.1	145
164	Promotional effect of Cu on the structure and chloronitrobenzene hydrogenation performance of carbon nanotube and activated carbon supported Pt catalysts. Applied Catalysis A: General, 2013, 464-465, 28-34.	4.3	24
165	Chemical control of the characteristics of Mo-doped carbon xerogels by surfactant-mediated synthesis. Carbon, 2013, 51, 213-223.	10.3	18
166	TiO <sub>2</sub> , surface modified TiO <sub>2</sub> and graphene oxide-TiO <sub>2</sub> photocatalysts for degradation of water pollutants under near-UV/Vis and visible light. Chemical Engineering Journal, 2013, 224, 17-23.	12.7	87
167	Photocatalytic behaviour of nanocarbon@TiO <sub>2</sub> composites and immobilization into hollow fibres. Applied Catalysis B: Environmental, 2013, 142-143, 101-111.	20.2	75
168	Modified activated carbon as catalyst for NO oxidation. Fuel Processing Technology, 2013, 106, 727-733.	7.2	73
169	Ce-Doped La <sub>2</sub> O <sub>3</sub> based catalyst for the oxidative coupling of methane. Catalysis Communications, 2013, 42, 50-53.	3.3	65
170	Hydrogen production by alkaline water electrolysis. Quimica Nova, 2013, 36, 1176-1193.	0.3	322
171	Carbon Xerogel Catalyst for NO Oxidation. Catalysts, 2012, 2, 447-465.	3.5	13
172	Design of graphene-based TiO <sub>2</sub> photocatalysts—a review. Environmental Science and Pollution Research, 2012, 19, 3676-3687.	5.3	272
173	Effect of Mg, Ca, and Sr on CeO <sub>2</sub> Based Catalysts for the Oxidative Coupling of Methane: Investigation on the Oxygen Species Responsible for Catalytic Performance. Industrial & Engineering Chemistry Research, 2012, 51, 10535-10541.	3.7	96
174	Nanostructured iron oxide catalysts with gold for the oxidation of carbon monoxide. RSC Advances, 2012, 2, 2957.	3.6	74
175	NO oxidation over nitrogen doped carbon xerogels. Applied Catalysis B: Environmental, 2012, 125, 398-408.	20.2	75
176	Structural and chemical disorder of cryptomelane promoted by alkali doping: Influence on catalytic properties. Journal of Catalysis, 2012, 293, 165-174.	6.2	165
177	Tuning the textural and surface properties of carbon xerogels to be used as supports for gold catalysts. Open Chemistry, 2012, 10, 1867-1874.	1.9	3
178	Porous Texture Versus Surface Chemistry in Applications of Adsorption by Carbons. , 2012, , 471-498.		6
179	New insights into the functionalization of multi-walled carbon nanotubes with aniline derivatives. Carbon, 2012, 50, 3280-3294.	10.3	99
180	A thermodynamic approach to assess organic solute adsorption onto activated carbon in water. Carbon, 2012, 50, 3774-3781.	10.3	18

#	ARTICLE	IF	CITATIONS
181	Total oxidation of ethyl acetate, ethanol and toluene catalyzed by exotemplated manganese and cerium oxides loaded with gold. <i>Catalysis Today</i> , 2012, 180, 148-154.	4.4	85
182	Comparison between activated carbon, carbon xerogel and carbon nanotubes for the adsorption of the antibiotic ciprofloxacin. <i>Catalysis Today</i> , 2012, 186, 29-34.	4.4	311
183	Highly selective hydrogenation of CC double bond in unsaturated carbonyl compounds over NiC catalyst. <i>Chemical Engineering Journal</i> , 2012, 188, 155-159.	12.7	21
184	Pt/Ru catalysts supported on carbon xerogels for PEM fuel cells. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 7200-7211.	7.1	44
185	Preparation of carbon aerogel supported platinum catalysts for the selective hydrogenation of cinnamaldehyde. <i>Applied Catalysis A: General</i> , 2012, 425-426, 161-169.	4.3	36
186	Evaluation of ion exchange-modified Y and ZSM5 zeolites in Cr(VI) biosorption and catalytic oxidation of ethyl acetate. <i>Applied Catalysis B: Environmental</i> , 2012, 117-118, 406-413.	20.2	46
187	Advanced nanostructured photocatalysts based on reduced graphene oxide/TiO <sub>2</sub> composites for degradation of diphenhydramine pharmaceutical and methyl orange dye. <i>Applied Catalysis B: Environmental</i> , 2012, 123-124, 241-256.	20.2	270
188	Electrocatalytic oxidation of oxalic and oxamic acids in aqueous media at carbon nanotube modified electrodes. <i>Electrochimica Acta</i> , 2012, 60, 278-286.	5.2	17
189	Supported Pt-particles on multi-walled carbon nanotubes with controlled surface chemistry. <i>Materials Letters</i> , 2012, 66, 64-67.	2.6	6
190	Gold on oxide-doped alumina supports as catalysts for CO oxidation. <i>Applied Nanoscience (Switzerland)</i> , 2012, 2, 35-46.	3.1	24
191	Controlling and Quantifying Oxygen Functionalities on Hydrothermally and Thermally Treated Single-Wall Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2011, 115, 8534-8546.	3.1	55
192	Facile one-pot synthesis of Pt nanoparticles /SBA-15: an active and stable material for catalytic applications. <i>Energy and Environmental Science</i> , 2011, 4, 2020.	30.8	49
193	Adsorption of ciprofloxacin on surface-modified carbon materials. <i>Water Research</i> , 2011, 45, 4583-4591.	11.3	289
194	Gold nanoparticles supported on magnesium oxide for CO oxidation. <i>Nanoscale Research Letters</i> , 2011, 6, 435.	5.7	31
195	Catalytic oxidation of NO to NO <sub>2</sub> on N-doped activated carbons. <i>Catalysis Today</i> , 2011, 176, 383-387.	4.4	91
196	Carbon formation and gasification on metals. Bulk diffusion mechanism: A reassessment. <i>Catalysis Today</i> , 2011, 178, 110-116.	4.4	26
197	Degradation of trinitrophenol by sequential catalytic wet air oxidation and solar TiO <sub>2</sub> photocatalysis. <i>Chemical Engineering Journal</i> , 2011, 172, 634-640.	12.7	22
198	Selective Oxidation of Glycerol Catalyzed by Rh/Activated Carbon: Importance of Support Surface Chemistry. <i>Catalysis Letters</i> , 2011, 141, 420-431.	2.6	48

#	ARTICLE	IF	CITATIONS
199	Adsorption of dyes on carbon xerogels and templated carbons: influence of surface chemistry. <i>Adsorption</i> , 2011, 17, 431-441.	3.0	50
200	Catalytic activity and stability of multiwalled carbon nanotubes in catalytic wet air oxidation of oxalic acid: The role of the basic nature induced by the surface chemistry. <i>Applied Catalysis B: Environmental</i> , 2011, 104, 330-336.	20.2	76
201	The role of activated carbons functionalized with thiol and sulfonic acid groups in catalytic wet peroxide oxidation. <i>Applied Catalysis B: Environmental</i> , 2011, 106, 390-397.	20.2	73
202	Gold supported on metal oxides for carbon monoxide oxidation. <i>Nano Research</i> , 2011, 4, 180-193.	10.4	76
203	Reaction Mechanism of Aerobic Oxidation of Alcohols Conducted on Activated Carbon-Supported Cobalt Oxide Catalysts. <i>Chemistry - A European Journal</i> , 2011, 17, 7112-7117.	3.3	63
204	Pt-catalysts supported on activated carbons for catalytic wet air oxidation of aniline: Activity and stability. <i>Applied Catalysis B: Environmental</i> , 2011, 105, 86-94.	20.2	37
205	Understanding the silylation reaction of multi-walled carbon nanotubes. <i>Carbon</i> , 2011, 49, 3441-3453.	10.3	55
206	Mixture effects during the oxidation of toluene, ethyl acetate and ethanol over a cryptomelane catalyst. <i>Journal of Hazardous Materials</i> , 2011, 185, 1236-1240.	12.4	38
207	Reutilization of Cr-Y zeolite obtained by biosorption in the catalytic oxidation of volatile organic compounds. <i>Journal of Hazardous Materials</i> , 2011, 192, 545-553.	12.4	29
208	Adsorption of phenol on supercritically activated carbon fibres: Effect of texture and surface chemistry. <i>Journal of Colloid and Interface Science</i> , 2011, 357, 210-214.	9.4	26
209	Carbon Monoxide Oxidation Catalysed by Exotemplated Manganese Oxides. <i>Catalysis Letters</i> , 2010, 134, 217-227.	2.6	65
210	Pt nanoparticles supported over Ce-Ti-O: the solvothermal and photochemical approaches for the preparation of catalytic materials. <i>Journal of Nanoparticle Research</i> , 2010, 12, 121-133.	1.9	18
211	Catalytic performance of Au/ZnO nanocatalysts for CO oxidation. <i>Journal of Catalysis</i> , 2010, 273, 191-198.	6.2	99
212	Oxygen activation sites in gold and iron catalysts supported on carbon nitride and activated carbon. <i>Journal of Catalysis</i> , 2010, 274, 207-214.	6.2	81
213	Exotemplated ceria catalysts with gold for CO oxidation. <i>Applied Catalysis A: General</i> , 2010, 381, 150-160.	4.3	74
214	Wet air oxidation of trinitrophenol with activated carbon catalysts: Effect of textural properties on the mechanism of degradation. <i>Applied Catalysis B: Environmental</i> , 2010, 100, 310-317.	20.2	29
215	Hydrogen production via methane decomposition on Raney-type catalysts. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 9795-9800.	7.1	55
216	Oxidation of CO, ethanol and toluene over TiO <sub>2</sub> supported noble metal catalysts. <i>Applied Catalysis B: Environmental</i> , 2010, 99, 198-205.	20.2	221

#	ARTICLE	IF	CITATIONS
217	The role of lattice oxygen on the activity of manganese oxides towards the oxidation of volatile organic compounds. <i>Applied Catalysis B: Environmental</i> , 2010, 99, 353-363.	20.2	562
218	The role of surface chemistry in catalysis with carbons. <i>Catalysis Today</i> , 2010, 150, 2-7.	4.4	558
219	Carbon xerogel supported noble metal catalysts for fine chemical applications. <i>Catalysis Today</i> , 2010, 149, 358-364.	4.4	35
220	Stability of a cryptomelane catalyst in the oxidation of toluene. <i>Catalysis Today</i> , 2010, 154, 308-311.	4.4	22
221	Effect of chloride on the sinterization of Au/CeO <sub>2</sub> catalysts. <i>Catalysis Today</i> , 2010, 154, 293-302.	4.4	48
222	Gold nanoparticles on ceria supports for the oxidation of carbon monoxide. <i>Catalysis Today</i> , 2010, 154, 21-30.	4.4	65
223	Influence of the surface chemistry of multi-walled carbon nanotubes on their activity as ozonation catalysts. <i>Carbon</i> , 2010, 48, 4369-4381.	10.3	176
224	Preparation of Au nanoparticles on Ce-Ti-O supports. <i>Studies in Surface Science and Catalysis</i> , 2010, 175, 457-461.	1.5	2
225	Wet Air Oxidation of Aniline Using Carbon Foams and Fibers Enriched with Nitrogen. <i>Separation Science and Technology</i> , 2010, 45, 1546-1554.	2.5	26
226	Photodeposition of Au and Pt on ZnO and TiO <sub>2</sub> . <i>Studies in Surface Science and Catalysis</i> , 2010, 175, 629-633.	1.5	6
227	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> , 2010, 12, 10365.	2.8	46
228	Synthesis of very highly dispersed platinum catalysts supported on carbon xerogels by the strong electrostatic adsorption method. <i>Journal of Catalysis</i> , 2009, 261, 23-33.	6.2	129
229	Synthesis and Characterization of Manganese Oxide Catalysts for the Total Oxidation of Ethyl Acetate. <i>Topics in Catalysis</i> , 2009, 52, 470-481.	2.8	97
230	Methane decomposition on Fe-Cu Raney-type catalysts. <i>Fuel Processing Technology</i> , 2009, 90, 1234-1240.	7.2	55
231	Methane decomposition on Ni-Cu alloyed Raney-type catalysts. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 4763-4772.	7.1	95
232	Jacobsen catalyst anchored onto modified carbon xerogel as enantioselective heterogeneous catalyst for alkene epoxidation. <i>Journal of Molecular Catalysis A</i> , 2009, 305, 135-141.	4.8	34
233	Catalytic oxidation of ethyl acetate over a cesium modified cryptomelane catalyst. <i>Applied Catalysis B: Environmental</i> , 2009, 88, 550-556.	20.2	67
234	Controlling the surface chemistry of carbon xerogels using HNO <sub>3</sub> -hydrothermal oxidation. <i>Carbon</i> , 2009, 47, 1670-1679.	10.3	83

#	ARTICLE	IF	CITATIONS
235	Synthesis and characterization of nitrogen-doped carbon xerogels. <i>Carbon</i> , 2009, 47, 2032-2039.	10.3	129
236	Manganese oxide catalysts synthesized by exotemplating for the total oxidation of ethanol. <i>Applied Catalysis B: Environmental</i> , 2009, 93, 30-37.	20.2	109
237	Methane Decomposition on La <sub>2</sub> O <sub>3</sub> -Promoted Raney-Type Fe Catalysts. <i>Energy &amp; Fuels</i> , 2009, 23, 4047-4050.	5.1	25
238	Mixed Platinum-Manganese Oxide Catalysts for Combustion of Volatile Organic Compounds. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 2795-2800.	3.7	13
239	Hydrogenation of chloronitrobenzenes over filamentous carbon stabilized nickel nanoparticles. <i>Catalysis Communications</i> , 2009, 10, 1203-1206.	3.3	56
240	Preparation and characterization of poly[Ni(salen)(crown receptor)]/multi-walled carbon nanotube composite films. <i>Electrochimica Acta</i> , 2008, 53, 6722-6731.	5.2	30
241	Tuning of texture and surface chemistry of carbon xerogels. <i>Journal of Colloid and Interface Science</i> , 2008, 324, 150-155.	9.4	81
242	Pore tuned activated carbons as supports for an enantioselective molecular catalyst. <i>Journal of Colloid and Interface Science</i> , 2008, 328, 314-323.	9.4	22
243	Catalytic properties of carbon materials for wet oxidation of aniline. <i>Journal of Hazardous Materials</i> , 2008, 159, 420-426.	12.4	129
244	Catalytic decomposition of methane on Raney-type catalysts. <i>Applied Catalysis A: General</i> , 2008, 348, 103-112.	4.3	78
245	Wet air oxidation of nitro-aromatic compounds: Reactivity on single- and multi-component systems and surface chemistry studies with a carbon xerogel. <i>Applied Catalysis B: Environmental</i> , 2008, 84, 75-86.	20.2	52
246	Adsorption of aromatic compounds from the biodegradation of azo dyes on activated carbon. <i>Applied Surface Science</i> , 2008, 254, 3497-3503.	6.1	37
247	MWCNT activation and its influence on the catalytic performance of Pt/MWCNT catalysts for selective hydrogenation. <i>Carbon</i> , 2008, 46, 1194-1207.	10.3	172
248	Characterization of the surface chemistry of carbon materials by potentiometric titrations and temperature-programmed desorption. <i>Carbon</i> , 2008, 46, 1544-1555.	10.3	162
249	Importance of palladium dispersion in Pd/Al <sub>2</sub> O <sub>3</sub> catalysts for complete oxidation of humid low-methane-air mixtures. <i>Catalysis Today</i> , 2008, 137, 329-334.	4.4	54
250	Selective hydrogenation of cinnamaldehyde to cinnamyl alcohol over mesoporous carbon supported Fe and Zn promoted Pt catalyst. <i>Applied Catalysis A: General</i> , 2008, 339, 159-168.	4.3	104
251	Hydrogenation of nitrobenzene over nickel nanoparticles stabilized by filamentous carbon. <i>Applied Catalysis A: General</i> , 2008, 351, 204-209.	4.3	84
252	Au/activated-carbon catalysts for selective oxidation of alcohols with molecular oxygen under atmospheric pressure: Role of basicity. <i>Catalysis Communications</i> , 2008, 9, 2395-2397.	3.3	71

#	ARTICLE	IF	CITATIONS
253	Characterization of Active Sites on Carbon Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 4110-4115.	3.7	308
254	Thermal treatments of activated carbon catalysts under N <sub>2</sub> O. <i>Carbon</i> , 2007, 45, 212-214.	10.3	4
255	Catalytic wet air oxidation of olive mill wastewater. <i>Catalysis Today</i> , 2007, 124, 254-259.	4.4	39
256	Methane dry reforming on Ni loaded hydroxyapatite and fluoroapatite. <i>Applied Catalysis A: General</i> , 2007, 317, 299-309.	4.3	133
257	Anchoring of a [Mn(salen)Cl] complex onto mesoporous carbon xerogels. <i>Journal of Colloid and Interface Science</i> , 2007, 311, 152-158.	9.4	42
258	Manganese oxide OMS-2 as an effective catalyst for total oxidation of ethyl acetate. <i>Applied Catalysis B: Environmental</i> , 2007, 72, 129-135.	20.2	142
259	A comparison of different carbon filaments on the nanometer and atomic scales by scanning tunneling microscopy. <i>Materials Letters</i> , 2007, 61, 4787-4790.	2.6	2
260	Synthesis of carbon filaments and nanotubes on a graphitic substrate: optimization studies. <i>Carbon</i> , 2006, 44, 2350-2353.	10.3	2
261	Carbon nanotube supported ruthenium catalysts for the treatment of high strength wastewater with aniline using wet air oxidation. <i>Carbon</i> , 2006, 44, 2384-2391.	10.3	105
262	Oxidative dehydrogenation of isobutane over activated carbon catalysts. <i>Applied Catalysis A: General</i> , 2006, 311, 51-57.	4.3	54
263	Styrene oxidation by manganese Schiff base complexes in zeolite structures. <i>Journal of Molecular Catalysis A</i> , 2006, 258, 327-333.	4.8	80
264	Enhanced electrocatalytic activity of carbon-supported MnO <sub>x</sub> /Ru catalysts for methanol oxidation in fuel cells. <i>Journal of Power Sources</i> , 2006, 153, 36-40.	7.8	43
265	Development of carbon nanotube and carbon xerogel supported catalysts for the electro-oxidation of methanol in fuel cells. <i>Carbon</i> , 2006, 44, 2516-2522.	10.3	68
266	Adsorption of simple aromatic compounds on activated carbons. <i>Journal of Colloid and Interface Science</i> , 2006, 293, 128-136.	9.4	236
267	Highly dispersed platinum catalysts prepared by impregnation of texture-tailored carbon xerogels. <i>Journal of Catalysis</i> , 2006, 240, 160-171.	6.2	89
268	Synergistic effect between Pt and K in the catalytic reduction of NO and N <sub>2</sub> O. <i>Applied Catalysis B: Environmental</i> , 2006, 62, 181-192.	20.2	15
269	Carbon supports for methanol oxidation catalyst. <i>Journal of Power Sources</i> , 2005, 151, 79-84.	7.8	52
270	Transition metal (Cu, Cr, and V) modified MCM-41 for the catalytic wet air oxidation of aniline. <i>Microporous and Mesoporous Materials</i> , 2005, 86, 287-294.	4.4	87



#	ARTICLE	IF	CITATIONS
271	Platinum catalysts supported on MWNT for catalytic wet air oxidation of nitrogen containing compounds. <i>Catalysis Today</i> , 2005, 102-103, 101-109.	4.4	84
272	Copper(II) acetylacetonate anchored onto an activated carbon as a heterogeneous catalyst for the aziridination of styrene. <i>Catalysis Today</i> , 2005, 102-103, 154-159.	4.4	47
273	Carbon xerogel supported Pt and Pt@Ni catalysts for electro-oxidation of methanol in basic medium. <i>Catalysis Today</i> , 2005, 102-103, 173-176.	4.4	49
274	Preparation of carbon-based adsorbents from pyrolysis and air activation of sewage sludges. <i>Chemical Engineering Journal</i> , 2005, 108, 169-177.	12.7	97
275	Catalytic oxidation of volatile organic compounds. <i>Applied Catalysis B: Environmental</i> , 2005, 57, 117-123.	20.2	100
276	Mesoporous carbon supported Pt and Pt@Sn catalysts for hydrogenation of cinnamaldehyde. <i>Catalysis Today</i> , 2005, 102-103, 183-188.	4.4	42
277	Carbon supported platinum catalysts for catalytic wet air oxidation of refractory carboxylic acids. <i>Topics in Catalysis</i> , 2005, 33, 59-68.	2.8	24
278	Characterization of activated carbons by FT-IR/PAS and TPD. <i>European Physical Journal Special Topics</i> , 2004, 117, 57-63.	0.2	5
279	Development of carbon supported metal catalysts for the simultaneous reduction of NO and N <sub>2</sub> O. <i>Applied Catalysis B: Environmental</i> , 2004, 50, 271-278.	20.2	30
280	Catalytic oxidation of methyl-isobutyl-ketone over basic zeolites. <i>Applied Catalysis B: Environmental</i> , 2004, 51, 129-133.	20.2	30
281	Carbon nanotubes and xerogels as supports of well-dispersed Pt catalysts for environmental applications. <i>Applied Catalysis B: Environmental</i> , 2004, 54, 175-182.	20.2	87
282	Enantioselective hydrogenations with highly mesoporous carbon supported Pd catalysts. <i>Journal of Molecular Catalysis A</i> , 2004, 212, 245-250.	4.8	31
283	Oscillations in the catalytic oxidation of volatile organic compounds. <i>Journal of Catalysis</i> , 2004, 225, 147-154.	6.2	25
284	Influence of the textural properties of an activated carbon catalyst on the oxidative dehydrogenation of ethylbenzene. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 241, 165-171.	4.7	27
285	Surface activation of a polymer based carbon. <i>Carbon</i> , 2004, 42, 1321-1325.	10.3	80
286	Catalytic activity of carbon nanotubes in the oxidative dehydrogenation of ethylbenzene. <i>Carbon</i> , 2004, 42, 2807-2813.	10.3	150
287	Simultaneous N <sub>2</sub> O and NO reduction over carbon supported catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 2003, 80, 153-159.	0.6	5
288	Catalytic oxidation of volatile organic compounds (VOCs) Oxidation of o-xylene over Pt/HBEA catalysts. <i>Applied Catalysis B: Environmental</i> , 2003, 46, 371-379.	20.2	70

#	ARTICLE	IF	CITATIONS
289	Adsorption of dyes on activated carbons: influence of surface chemical groups. <i>Carbon</i> , 2003, 41, 811-821.	10.3	492
290	Highly dispersed activated carbon supported platinum catalysts prepared by OMCVD: a comparison with wet impregnated catalysts. <i>Applied Catalysis A: General</i> , 2003, 243, 357-365.	4.3	39
291	Activated carbons with immobilised manganese(III) salen complexes as heterogeneous catalysts in the epoxidation of olefins: influence of support and ligand functionalisation on selectivity and reusability. <i>New Journal of Chemistry</i> , 2003, 27, 1511.	2.8	59
292	Oscillations in the oxidation of MIBK over a Pt/HFAU catalyst: role of coke combustion. <i>Catalysis Communications</i> , 2003, 4, 651-656.	3.3	14
293	Preparation of activated carbons with controlled pore size. <i>Studies in Surface Science and Catalysis</i> , 2002, 144, 261-265.	1.5	1
294	Heterogenization of a Functionalized Copper(II) Schiff Base Complex by Direct Immobilization onto an Oxidized Activated Carbon. <i>Langmuir</i> , 2002, 18, 8017-8024.	3.5	75
295	Enantioselective hydrogenation of isophorone with titania supported Pd catalysts modified by (âˆ“) -dihydroapovincaminic acid ethyl ester effect of the support and the reduction method. <i>Journal of Molecular Catalysis A</i> , 2002, 179, 107-112.	4.8	11
296	Carbon-supported iridium catalysts in the catalytic wet air oxidation of carboxylic acids: kinetics and mechanistic interpretation. <i>Journal of Molecular Catalysis A</i> , 2002, 182-183, 47-60.	4.8	38
297	Immobilisation of amine-functionalised nickel(II) Schiff base complexes onto activated carbon treated with thionyl chloride. <i>Microporous and Mesoporous Materials</i> , 2002, 55, 275-284.	4.4	75
298	Catalytic wet air oxidation of butyric acid solutions using carbon-supported iridium catalysts. <i>Catalysis Today</i> , 2002, 75, 23-28.	4.4	25
299	Oxidative dehydrogenation of ethylbenzene on activated carbon fibers. <i>Carbon</i> , 2002, 40, 2393-2401.	10.3	39
300	Properties of Carbon-Supported Platinum Catalysts: Role of Carbon Surface Sites. <i>Journal of Catalysis</i> , 2002, 209, 355-364.	6.2	207
301	Novel carbon supported material: highly dispersed platinum particles on carbon nanospheres. <i>Journal of Materials Chemistry</i> , 2001, 11, 1980-1981.	6.7	47
302	A simplified method for determination of lignocellulosic materials pyrolysis kinetics from isothermal thermogravimetric experiments. <i>Thermochimica Acta</i> , 2001, 380, 67-78.	2.7	39
303	Enantioselective hydrogenation of isophorone over Pd catalysts in the presence of (âˆ“) -dihydroapovincaminic acid ethyl ester. <i>Journal of Molecular Catalysis A</i> , 2001, 170, 101-107.	4.8	19
304	Anchoring of a nickel(II) Schiff base complex onto activated carbon mediated by cyanuric chloride. <i>Microporous and Mesoporous Materials</i> , 2001, 46, 211-221.	4.4	64
305	Formation of two metal phases in the preparation of activated carbon-supported nickel catalysts. <i>Applied Catalysis A: General</i> , 2001, 209, 145-154.	4.3	22
306	Oxidative dehydrogenation of ethylbenzene on activated carbon catalysts. <i>Applied Catalysis A: General</i> , 2001, 218, 307-318.	4.3	98

#	ARTICLE	IF	CITATIONS
307	Anchoring of organic molecules onto activated carbon. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 189, 75-84.	4.7	25
308	A New OMCVD Iridium Precursor for Thin Film Deposition. <i>Chemical Vapor Deposition</i> , 2001, 7, 59-62.	1.3	14
309	The effects of different activated carbon supports and support modifications on the properties of Pt/AC catalysts. <i>Carbon</i> , 2001, 39, 175-185.	10.3	234
310	A chemical vapour deposition process for the production of carbon nanospheres. <i>Carbon</i> , 2001, 39, 621-626.	10.3	187
311	Preparation of carbon molecular sieves for gas separations by modification of the pore sizes of activated carbons. <i>Fuel</i> , 2001, 80, 1-6.	6.4	67
312	Production of SiC and Si <sub>3</sub> N <sub>4</sub> whiskers in C+SiO <sub>2</sub> solid mixtures. <i>Materials Chemistry and Physics</i> , 2001, 72, 326-331.	4.0	72
313	Bimetallic Pt-Sn catalysts supported on activated carbon. II. CO oxidation. <i>Catalysis Today</i> , 2000, 62, 337-346.	4.4	44
314	Encapsulation of copper(II) complexes with pentadentate N <sub>3</sub> O <sub>2</sub> Schiff base ligands derived from acetylacetone in NaX zeolite. <i>Microporous and Mesoporous Materials</i> , 2000, 38, 391-401.	4.4	41
315	Bimetallic Pt-Sn catalysts supported on activated carbon. <i>Applied Catalysis A: General</i> , 2000, 192, 29-42.	4.3	98
316	Oxidative dehydrogenation of ethylbenzene on activated carbon catalysts. <i>Applied Catalysis A: General</i> , 2000, 196, 43-54.	4.3	82
317	Oxidative dehydrogenation of ethylbenzene on activated carbon catalysts. I. Influence of surface chemical groups. <i>Applied Catalysis A: General</i> , 1999, 184, 153-160.	4.3	240
318	Production of vapour-grown carbon fibres: influence of the catalyst precursor and operating conditions. <i>Fuel</i> , 1999, 78, 837-844.	6.4	22
319	Modification of the surface chemistry of activated carbons. <i>Carbon</i> , 1999, 37, 1379-1389.	10.3	2,642
320	Single-step preparation of activated carbon supported platinum catalysts by fluidized bed organometallic chemical vapor deposition. <i>Carbon</i> , 1999, 37, 527-530.	10.3	17
321	Surface treatments of vapor-grown carbon fibers produced on a substrate. <i>Carbon</i> , 1999, 37, 1809-1816.	10.3	22
322	Reactivity of coke deposited on metal surfaces. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 1999, 50, 696-699.	1.5	8
323	The effect of morphology on the properties of vapour-grown carbon fibres. <i>Carbon</i> , 1997, 35, 860-863.	10.3	25
324	Zeolite-encapsulated copper (II) complexes with N <sub>3</sub> O <sub>2</sub> Schiff bases: synthesis and characterization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 115, 249-256.	4.7	22

#	ARTICLE	IF	CITATIONS
325	Evaluation of the efficiency of activation in the production of carbon adsorbents. Carbon, 1996, 34, 679-681.	10.3	6
326	Adsorption of propene and coke formation on a cracking catalyst (FCC). Applied Catalysis A: General, 1993, 104, 1-9.	4.3	17
327	Simulation of dynamical thermogravimetric curves: single and complex reactions. Thermochemica Acta, 1993, 217, 151-173.	2.7	5
328	Kinetics of cellulose pyrolysis modelled by three consecutive first-order reactions. Journal of Analytical and Applied Pyrolysis, 1989, 17, 37-46.	5.5	43
329	Interpreting isothermal thermogravimetric data of complex reactions: Application to cellulose pyrolysis at low temperatures. Journal of Analytical and Applied Pyrolysis, 1989, 15, 347-355.	5.5	14
330	Carbon deposits on metal catalysts - mechanisms of formation and gasification. Catalysis Today, 1989, 5, 385-393.	4.4	7
331	A model for pyrolysis of wet wood. Chemical Engineering Science, 1989, 44, 2861-2869.	3.8	151
332	Pyrolysis of holm-oak wood: influence of temperature and particle size. Fuel, 1989, 68, 1012-1016.	6.4	45
333	Pyrolysis of olive wood. Biological Wastes, 1989, 28, 217-225.	0.2	8
334	Pyrolysis kinetics of lignocellulosic materials by multistage isothermal thermogravimetry. Journal of Analytical and Applied Pyrolysis, 1988, 13, 123-134.	5.5	71
335	Gasification of active carbons of different texture impregnated with nickel, cobalt and iron. Carbon, 1987, 25, 703-708.	10.3	35
336	Gasification of carbon deposited on supported Ni-Cu catalysts. Fuel, 1986, 65, 1392-1395.	6.4	4
337	Preparation Of Active Carbon Supported Oxidation Catalysts. Studies in Surface Science and Catalysis, 1983, , 571-577.	1.5	0
338	Textural modifications in impregnated active carbons. Studies in Surface Science and Catalysis, 1982, 10, 239-244.	1.5	0
339	Gasification of carbon deposits on nickel catalysts. Journal of Catalysis, 1975, 40, 154-159.	6.2	89
340	Graphene-Based Membranes for Separation Engineering. , 0, , 133-154.		0