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## List of Publications by Year in descending order

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340  
papers

22,586  
citations

6250

80  
h-index

12585

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.	3.1	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.	6.6	32
3	Syngas production by bi-reforming of methane on a bimetallic Ni-ZnO doped zeolite 13X. <i>Fuel</i> , 2022, 311, 122592.	3.4	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.	1.9	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.	3.8	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.	6.6	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.	1.2	8
8	Graphene-based catalytic membranes for water treatment – A review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104930.	3.3	20
9	Electrochemical oxidation of diclofenac on CNT and M/CNT modified electrodes. <i>New Journal of Chemistry</i> , 2021, 45, 12622-12633.	1.4	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.	1.4	2
12	Towards Controlled Degradation of Poly(lactic) Acid in Technical Applications. <i>Journal of Carbon Research</i> , 2021, 7, 42.	1.4	83
13	Heteroatom (N, S) Co-Doped CNTs in the Phenol Oxidation by Catalytic Wet Air Oxidation. <i>Catalysts</i> , 2021, 11, 578.	1.6	7
14	Green Chemistry and Environmental Processes. <i>Catalysts</i> , 2021, 11, 643.	1.6	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.	3.4	13
16	Supported Biofilms on Carbon–Oxide Composites for Nitrate Reduction in Agricultural Waste Water. <i>Molecules</i> , 2021, 26, 2987.	1.7	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.	3.1	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.	3.1	32

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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.	1.9	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.	2.5	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.	3.3	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.	3.4	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.	2.2	7
25	Electrochemical oxidation of amoxicillin on carbon nanotubes and carbon nanotube supported metal modified electrodes. <i>Catalysis Today</i> , 2020, 357, 322-331.	2.2	15
26	Commercial gold(III) complex supported on functionalized carbon materials as catalyst for cyclohexane hydrocarboxylation. <i>Catalysis Today</i> , 2020, 357, 39-45.	2.2	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.	2.2	6
28	Metal-free carbon materials as catalysts for wet air oxidation. <i>Catalysis Today</i> , 2020, 356, 189-196.	2.2	20
29	Carbon nanotubes as catalysts for wet peroxide oxidation: The effect of surface chemistry. <i>Catalysis Today</i> , 2020, 357, 332-340.	2.2	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.	1.2	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.	2.2	20
32	Preparation of ceramic and metallic monoliths coated with cryptomelane as catalysts for VOC abatement. <i>Chemical Engineering Journal</i> , 2020, 382, 122923.	6.6	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.	2.2	16
34	Phosphorus-doped carbon/carbon nanotube hybrids as high-performance electrodes for supercapacitors. <i>Electrochimica Acta</i> , 2020, 354, 136713.	2.6	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.	1.3	8
36	Carbon-Supported Mo <sub>2</sub> C for Oxygen Reduction Reaction Electrocatalysis. <i>Nanomaterials</i> , 2020, 10, 1805.	1.9	9

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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.	1.9	16
38	Porphyrin-“Nanodiamond Hybrid Materials” Active, Stable and Reusable Cyclohexene Oxidation Catalysts. <i>Catalysts</i> , 2020, 10, 1402.	1.6	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.	1.9	23
40	Functionalized Graphene Derivatives and TiO <sub>2</sub> for High Visible Light Photodegradation of Azo Dyes. <i>Nanomaterials</i> , 2020, 10, 1106.	1.9	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.	1.7	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.	2.7	25
43	Hydrothermal Carbon/Carbon Nanotube Composites as Electrocatalysts for the Oxygen Reduction Reaction. <i>Journal of Composites Science</i> , 2020, 4, 20.	1.4	6
44	Element-Doped Functional Carbon-Based Materials. <i>Materials</i> , 2020, 13, 333.	1.3	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.	5.0	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.	3.1	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.	7.1	13
49	Ethanol Electrooxidation at Platinum-Rare Earth (RE = Ce, Sm, Ho, Dy) Binary Alloys. <i>Energies</i> , 2020, 13, 1658.	1.6	8
50	Functionalized Cellulose for the Controlled Synthesis of Novel Carbon-“Ti Nanocomposites: Physicochemical and Photocatalytic Properties. <i>Nanomaterials</i> , 2020, 10, 729.	1.9	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.	2.4	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.	1.9	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.	10.8	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.	1.4	13

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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.	1.5	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.	6.6	104
57	Enhanced biocatalytic sustainability of laccase by immobilization on functionalized carbon nanotubes/polysulfone membranes. <i>Chemical Engineering Journal</i> , 2019, 355, 974-985.	6.6	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.	2.6	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.	4.0	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.	1.1	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.	1.8	8
62	Ethyl and butyl acetate oxidation over manganese oxides. <i>Chinese Journal of Catalysis</i> , 2018, 39, 27-36.	6.9	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.	1.8	35
64	Electrocatalytic Activity of Ionic Liquid-Derived Porous Carbon Materials for the Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2018, 5, 1037-1046.	1.7	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.	1.8	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.	1.8	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.	6.6	84
68	Oxygen surface groups analysis of carbonaceous samples pyrolysed at low temperature. <i>Carbon</i> , 2018, 134, 255-263.	5.4	48
69	Bifunctional gold catalysts: Relationship between preparation method and catalytic performance in tandem cellobiose valorization. <i>Catalysis Today</i> , 2018, 301, 55-64.	2.2	7
70	CoMn-LDH@carbon nanotube composites: Bifunctional electrocatalysts for oxygen reactions. <i>Catalysis Today</i> , 2018, 301, 17-24.	2.2	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.	1.3	27
72	Study of the Electroreactivity of Amoxicillin on Carbon Nanotube-Supported Metal Electrodes. <i>ChemCatChem</i> , 2018, 10, 4900-4909.	1.8	7

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73	Cutting the Green Waste. Structure-Performance Relationship in Functionalized Carbon Xerogels for Hydrolysis of Cellobiose. <i>ChemCatChem</i> , 2018, 10, 4934-4946.	1.8	10
74	Photocatalytic activity of functionalized nanodiamond-TiO <sub>2</sub> composites towards water pollutants degradation under UV/Vis irradiation. <i>Applied Surface Science</i> , 2018, 458, 839-848.	3.1	38
75	Nanostructured porous carbons for electrochemical energy conversion and storage. <i>Surface and Coatings Technology</i> , 2018, 350, 307-312.	2.2	16
76	Metal-Free Catalytic Wet Oxidation: From Powder to Structured Catalyst Using N-Doped Carbon Nanotubes. <i>Topics in Catalysis</i> , 2018, 61, 1957-1966.	1.3	7
77	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> , 2018, 1, 153-159.	2.3	6
78	Hybrid magnetic graphitic nanocomposites for catalytic wet peroxide oxidation applications. <i>Catalysis Today</i> , 2017, 280, 184-191.	2.2	21
79	Direct conversion of cellulose to sorbitol over ruthenium catalysts: Influence of the support. <i>Catalysis Today</i> , 2017, 279, 244-251.	2.2	41
80	Effect of cobalt loading on the solid state properties and ethyl acetate oxidation performance of cobalt-cerium mixed oxides. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 141-149.	5.0	64
81	Supported Scorpionate Vanadium(IV) Complexes as Reusable Catalysts for Xylene Oxidation. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1915-1919.	1.7	23
82	An overview on exploration and environmental impact of unconventional gas sources and treatment options for produced water. <i>Journal of Environmental Management</i> , 2017, 200, 511-529.	3.8	75
83	Electrochemical Exfoliation of Graphite in Aqueous Sodium Halide Electrolytes toward Low Oxygen Content Graphene for Energy and Environmental Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 24085-24099.	4.0	92
84	Bifunctionality of the pyrone functional group in oxidized carbon nanotubes towards oxygen reduction reaction. <i>Catalysis Science and Technology</i> , 2017, 7, 1868-1879.	2.1	16
85	Gold nanoparticles deposited on surface modified carbon materials as reusable catalysts for hydrocarboxylation of cyclohexane. <i>Applied Catalysis A: General</i> , 2017, 547, 124-131.	2.2	25
86	Different methodologies for synthesis of nitrogen doped carbon nanotubes and their use in catalytic wet air oxidation. <i>Applied Catalysis A: General</i> , 2017, 548, 62-70.	2.2	39
87	Lignin-based activated carbons as metal-free catalysts for the oxidative degradation of 4-nitrophenol in aqueous solution. <i>Applied Catalysis B: Environmental</i> , 2017, 219, 372-378.	10.8	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. <i>Applied Catalysis B: Environmental</i> , 2017, 219, 645-657.	10.8	26
89	A Nanopore Lithography Strategy for Synthesizing Hierarchically Micro/Mesoporous Carbons from ZIF-8/Graphene Oxide Hybrids for Electrochemical Energy Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 44740-44755.	4.0	46
90	The role of cobalt in bimetallic iron-cobalt magnetic carbon xerogels developed for catalytic wet peroxide oxidation. <i>Catalysis Today</i> , 2017, 296, 66-75.	2.2	23

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91	Volatile organic compounds abatement over copper-based catalysts: Effect of support. <i>Inorganica Chimica Acta</i> , 2017, 455, 473-482.	1.2	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.	1.7	21
93	Ethyl Acetate Abatement on Copper Catalysts Supported on Ceria Doped with Rare Earth Oxides. <i>Molecules</i> , 2016, 21, 644.	1.7	29
94	Tuning CNT Properties for Metal-Free Environmental Catalytic Applications. <i>Journal of Carbon Research</i> , 2016, 2, 17.	1.4	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.	1.8	34
96	Nanostructured mesoporous carbons: Tuning texture and surface chemistry. <i>Carbon</i> , 2016, 108, 79-102.	5.4	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.	4.1	72
98	Oxidovanadium(V) Complexes Anchored on Carbon Materials as Catalysts for the Oxidation of 1-Phenylethanol. <i>ChemCatChem</i> , 2016, 8, 2254-2266.	1.8	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.	3.6	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.	1.3	12
101	Highly efficient and reusable CNT supported iron(II) catalyst for microwave assisted alcohol oxidation. <i>Dalton Transactions</i> , 2016, 45, 6816-6819.	1.6	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.	10.8	90
103	Electrochemical storage mechanisms in non-stoichiometric cerium oxide/multiwalled carbon nanotube composites. <i>Electrochimica Acta</i> , 2016, 209, 25-35.	2.6	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.	5.4	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.	5.0	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.	0.7	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.	1.3	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.	10.8	27



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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.	10.8	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.	10.8	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.	2.8	30
112	( <i>S</i> )-BINOL Immobilized onto Multiwalled Carbon Nanotubes through Covalent Linkage: A New Approach for Hybrid Nanomaterials Characterization. <i>ChemNanoMat</i> , 2015, 1, 178-187.	1.5	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.	1.6	25
114	Nitrogen-doped graphene-based materials for advanced oxidation processes. <i>Catalysis Today</i> , 2015, 249, 192-198.	2.2	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.	10.8	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.	5.2	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.	2.2	12
118	Carbonized polyacrylonitrile fibers for the catalytic ozonation of oxalic acid. <i>Catalysis Today</i> , 2015, 249, 59-62.	2.2	9
119	Easy method to prepare N-doped carbon nanotubes by ball milling. <i>Carbon</i> , 2015, 91, 114-121.	5.4	111
120	Oxidative dehydrogenation of isobutane on carbon xerogel catalysts. <i>Catalysis Today</i> , 2015, 249, 176-183.	2.2	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.	2.2	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.	2.1	88
123	Graphene oxide based ultrafiltration membranes for photocatalytic degradation of organic pollutants in salty water. <i>Water Research</i> , 2015, 77, 179-190.	5.3	108
124	Hydrothermal functionalization of ordered mesoporous carbons: The effect of boron on supercapacitor performance. <i>Carbon</i> , 2015, 95, 72-83.	5.4	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.	5.0	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.	4.0	158



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127	Development of glycerol-based metal-free carbon materials for environmental catalytic applications. <i>Catalysis Today</i> , 2015, 240, 61-66.	2.2	32
128	Nitrogen-doped carbon xerogels as catalysts for advanced oxidation processes. <i>Catalysis Today</i> , 2015, 241, 73-79.	2.2	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.	2.2	129
130	Ceramic photocatalytic membranes for water filtration under UV and visible light. <i>Applied Catalysis B: Environmental</i> , 2015, 178, 12-19.	10.8	132
131	Gold supported on metal oxides for volatile organic compounds total oxidation. <i>Catalysis Today</i> , 2015, 244, 103-114.	2.2	99
132	Electrochemical oxidation of aniline at mono and bimetallic electrocatalysts supported on carbon nanotubes. <i>Chemical Engineering Journal</i> , 2015, 260, 309-315.	6.6	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.	10.8	52
134	Catalytic oxidation of ethyl acetate on cerium-containing mixed oxides. <i>Applied Catalysis A: General</i> , 2014, 472, 101-112.	2.2	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.	3.3	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.	10.8	117
137	Stabilized gold on cerium-modified cryptomelane: Highly active in low-temperature CO oxidation. <i>Journal of Catalysis</i> , 2014, 309, 58-65.	3.1	83
138	Controlled surface functionalization of multiwall carbon nanotubes by HNO <sub>3</sub> hydrothermal oxidation. <i>Carbon</i> , 2014, 69, 311-326.	5.4	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.	1.3	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.	10.8	95
141	Developing highly active photocatalysts: Gold-loaded ZnO for solar phenol oxidation. <i>Journal of Catalysis</i> , 2014, 316, 182-190.	3.1	65
142	Catalytic performance of heteroatom-modified carbon nanotubes in advanced oxidation processes. <i>Chinese Journal of Catalysis</i> , 2014, 35, 896-905.	6.9	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.	5.4	103
144	Nanodiamond-TiO <sub>2</sub> Composites for Heterogeneous Photocatalysis. <i>ChemPlusChem</i> , 2013, 78, 801-807.	1.3	33

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145	Gold nanoparticles supported on carbon materials for cyclohexane oxidation with hydrogen peroxide. <i>Applied Catalysis A: General</i> , 2013, 467, 279-290.	2.2	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.	1.8	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.	7.1	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.	10.8	48
149	Carbon as a catalyst: Esterification of acetic acid with ethanol. <i>Catalysis Today</i> , 2013, 218-219, 51-56.	2.2	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.	6.5	92
151	Homogeneous and heterogenised new gold C-scorpionate complexes as catalysts for cyclohexane oxidation. <i>Catalysis Science and Technology</i> , 2013, 3, 3056.	2.1	91
152	Photoactive Zn(II)Porphyrin multi-walled carbon nanotubes nanohybrids through covalent linkages. <i>Materials Chemistry and Physics</i> , 2013, 143, 296-304.	2.0	26
153	Nanodiamond/TiO <sub>2</sub> Composites for Heterogeneous Photocatalysis. <i>ChemPlusChem</i> , 2013, 78, 750-750.	1.3	6
154	Photocatalytic degradation of caffeine: Developing solutions for emerging pollutants. <i>Catalysis Today</i> , 2013, 209, 108-115.	2.2	88
155	Platinum rare earth electrodes for hydrogen evolution in alkaline water electrolysis. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 3137-3145.	3.8	102
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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.	6.6	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.	4.5	54
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162	Functionalization of porous carbons for catalytic applications. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9351.	5.2	217

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164	Promotional effect of Cu on the structure and chloronitrobenzene hydrogenation performance of carbon nanotube and activated carbon supported Pt catalysts. <i>Applied Catalysis A: General</i> , 2013, 464-465, 28-34.	2.2	24
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170	Hydrogen production by alkaline water electrolysis. <i>Quimica Nova</i> , 2013, 36, 1176-1193.	0.3	322
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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.	2.2	311
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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.	2.2	36
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188	Electrocatalytic oxidation of oxalic and oxamic acids in aqueous media at carbon nanotube modified electrodes. <i>Electrochimica Acta</i> , 2012, 60, 278-286.	2.6	17
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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.	6.5	29
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209	Carbon Monoxide Oxidation Catalysed by Exotemplated Manganese Oxides. <i>Catalysis Letters</i> , 2010, 134, 217-227.	1.4	65
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251	Hydrogenation of nitrobenzene over nickel nanoparticles stabilized by filamentous carbon. <i>Applied Catalysis A: General</i> , 2008, 351, 204-209.	2.2	84
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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.	2.2	22
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