List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Role of surface chemistry on electric double layer capacitance of carbon materials. Carbon, 2005, 43, 2677-2684.	10.3	372
2	A stretchable and screen-printed electrochemical sensor for glucose determination in human perspiration. Biosensors and Bioelectronics, 2017, 91, 885-891.	10.1	274
3	Metal-free heteroatom-doped carbon-based catalysts for ORR: A critical assessment about the role of heteroatoms. Carbon, 2020, 165, 434-454.	10.3	231
4	Chemical and electrochemical characterization of porous carbon materials. Carbon, 2006, 44, 2642-2651.	10.3	211
5	Tailoring the porosity of chemically activated hydrothermal carbons: Influence of the precursor and hydrothermal carbonization temperature. Carbon, 2013, 62, 346-355.	10.3	198
6	Preparation and Characterization of Antimony-Doped Tin Dioxide Electrodes. Part 1. Electrochemical Characterization. Journal of Physical Chemistry B, 2004, 108, 5036-5043.	2.6	184
7	Electrochemical oxidation of benzoic acid at boron-doped diamond electrodes. Electrochimica Acta, 2002, 47, 3509-3513.	5.2	174
8	Hydrothermal Carbons from Hemicelluloseâ€Derived Aqueous Hydrolysis Products as Electrode Materials for Supercapacitors. ChemSusChem, 2013, 6, 374-382.	6.8	169
9	Preparation and Characterization of Copper-Doped Cobalt Oxide Electrodes. Journal of Physical Chemistry B, 2006, 110, 24021-24029.	2.6	165
10	Synthesis of Graphitic Carbon Nanostructures from Sawdust and Their Application as Electrocatalyst Supports. Journal of Physical Chemistry C, 2007, 111, 9749-9756.	3.1	147
11	Spectroelectrochemical study of the oxidation of aminophenols on platinum electrode in acid medium. Journal of Electroanalytical Chemistry, 2004, 565, 375-383.	3.8	137
12	Electrochemical deposition of platinum nanoparticles on different carbon supports and conducting polymers. Journal of Applied Electrochemistry, 2008, 38, 259-268.	2.9	129
13	Preparation and Characterization of Antimony-Doped Tin Dioxide Electrodes. 3. XPS and SIMS Characterization. Journal of Physical Chemistry B, 2004, 108, 15976-15981.	2.6	123
14	Study on electroactive and electrocatalytic surfaces of single walled carbon nanotube-modified electrodes. Electrochimica Acta, 2011, 56, 2464-2470.	5.2	116
15	Platinum particles deposited on synthetic boron-doped diamond surfaces. Application to methanol oxidation. Electrochimica Acta, 2003, 48, 3891-3897.	5.2	110
16	Electrochemical oxidation of acid black 210 dye on the boron-doped diamond electrode in the presence of phosphate ions: Effect of current density, pH, and chloride ions. Electrochimica Acta, 2009, 54, 7048-7055.	5.2	109
17	Effect of electrochemical treatments on the surface chemistry of activated carbon. Carbon, 2009, 47, 1018-1027.	10.3	105
18	Electrochemical regeneration and porosity recovery of phenol-saturated granular activated carbon in an alkaline medium. Carbon, 2010, 48, 2734-2745.	10.3	105

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19	Biomass-derived binderless fibrous carbon electrodes for ultrafast energy storage. Green Chemistry, 2016, 18, 1506-1515.	9.0	102
20	A voltammetric and FTIR–ATR study of the electropolymerization of phenol on platinum electrodes in carbonate medium. Journal of Electroanalytical Chemistry, 1998, 451, 163-171.	3.8	101
21	Investigating the influence of surfactants on the stabilization of aqueous reduced graphene oxide dispersions and the characteristics of their composite films. Carbon, 2012, 50, 3184-3194.	10.3	97
22	Electrochemical Performance of Hierarchical Porous Carbon Materials Obtained from the Infiltration of Lignin into Zeolite Templates. ChemSusChem, 2014, 7, 1458-1467.	6.8	96
23	Study of redox mechanism of poly(o-aminophenol) using in situ techniques: evidence of two redox processes. Journal of Electroanalytical Chemistry, 2005, 576, 139-145.	3.8	95
24	Asymmetric hybrid capacitors based on activated carbon and activated carbon fibre–PANI electrodes. Electrochimica Acta, 2013, 89, 326-333.	5.2	94
25	PANI-derived polymer/Al2O3 nanocomposites: synthesis, characterization, and electrochemical studies. Colloid and Polymer Science, 2016, 294, 1877-1885.	2.1	93
26	Electrochemical characterization of SnO2 electrodes doped with Ru and Pt. Electrochimica Acta, 2009, 54, 5230-5238.	5.2	91
27	On the origin of the high capacitance of nitrogen-containing carbon nanotubes in acidic and alkaline electrolytes. Chemical Communications, 2014, 50, 11343-11346.	4.1	91
28	Towards understanding the active sites for the ORR in N-doped carbon materials through fine-tuning of nitrogen functionalities: an experimental and computational approach. Journal of Materials Chemistry A, 2019, 7, 24239-24250.	10.3	87
29	Voltammetric and in-situ FTIR spectroscopic study of the oxidation of methanol on Pt(hkl) in alkaline media. Journal of Electroanalytical Chemistry, 1995, 391, 149-157.	3.8	85
30	Electrocatalytic degradation of phenol on Pt- and Ru-doped Ti/SnO2-Sb anodes in an alkaline medium. Applied Catalysis B: Environmental, 2016, 199, 394-404.	20.2	85
31	Direct synthesis of graphitic carbon nanostructures from saccharides and their use as electrocatalytic supports. Carbon, 2008, 46, 931-939.	10.3	83
32	Effect of surface chemistry on electrochemical storage of hydrogen in porous carbon materials. Carbon, 2008, 46, 1053-1059.	10.3	83
33	Characterization and stability of doped SnO2 anodes. Journal of Applied Electrochemistry, 1998, 28, 607-612.	2.9	79
34	Ultraporous nitrogen-doped zeolite-templated carbon for high power density aqueous-based supercapacitors. Carbon, 2018, 129, 510-519.	10.3	79
35	Highly dispersed platinum nanoparticles on carbon nanocoils and their electrocatalytic performance for fuel cell reactions. Electrochimica Acta, 2009, 54, 2234-2238.	5.2	78
36	Hybrid sol–gel–conducting polymer synthesised by electrochemical insertion: tailoring the capacitance of polyaniline. Journal of Materials Chemistry, 2009, 19, 305-310.	6.7	78

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37	A novel conducting nanocomposite obtained by pâ€anisidine and aniline with titanium(IV) oxide nanoparticles: Synthesis, Characterization, and Electrochemical properties. Polymer Composites, 2017, 38, E254.	4.6	77
38	Enhanced electro-oxidation resistance of carbon electrodes induced by phosphorus surface groups. Carbon, 2015, 95, 681-689.	10.3	76
39	Lignin-derived Pt supported carbon (submicron)fiber electrocatalysts for alcohol electro-oxidation. Applied Catalysis B: Environmental, 2017, 211, 18-30.	20.2	75
40	Comparison among Chemical, Thermal, and Electrochemical Regeneration of Phenol-Saturated Activated Carbon. Energy & Fuels, 2010, 24, 3366-3372.	5.1	73
41	Preparation and Characterization of Antimony-Doped Tin Dioxide Electrodes. Part 2. XRD and EXAFS Characterization. Journal of Physical Chemistry B, 2004, 108, 5044-5050.	2.6	72
42	Portable electrochemical sensor based on 4-aminobenzoic acid-functionalized herringbone carbon nanotubes for the determination of ascorbic acid and uric acid in human fluids. Biosensors and Bioelectronics, 2018, 109, 123-131.	10.1	71
43	Pt/carbon nanofibers electrocatalysts for fuel cells. Journal of Power Sources, 2007, 171, 302-309.	7.8	70
44	Preparation of polypyrrole (PPy)-derived polymer/ZrO2 nanocomposites. Journal of Thermal Analysis and Calorimetry, 2019, 135, 2089-2100.	3.6	70
45	Flexible ruthenium oxide-activated carbon cloth composites prepared by simple electrodeposition methods. Energy, 2013, 58, 519-526.	8.8	69
46	Electrochemical Regeneration of Activated Carbon Saturated with Toluene. Journal of Applied Electrochemistry, 2005, 35, 319-325.	2.9	68
47	Characterization and electrochemical properties of conducting nanocomposites synthesized from p-anisidine and aniline with titanium carbide by chemical oxidative method. Synthetic Metals, 2015, 202, 25-32.	3.9	68
48	Solid-phase synthesis of graphitic carbon nanostructures from iron and cobalt gluconates and their utilization as electrocatalyst supports. Physical Chemistry Chemical Physics, 2008, 10, 1433.	2.8	67
49	Effect of carbonization conditions of polyaniline on its catalytic activity towards ORR. Some insights about the nature of the active sites. Carbon, 2017, 119, 62-71.	10.3	67
50	Activation of electrospun lignin-based carbon fibers and their performance as self-standing supercapacitor electrodes. Separation and Purification Technology, 2020, 241, 116724.	7.9	67
51	Improvement of carbon materials performance by nitrogen functional groups in electrochemical capacitors in organic electrolyte at severe conditions. Carbon, 2015, 82, 205-213.	10.3	66
52	Evaluation of the Electrocatalytic Activity of Antimony-Doped Tin Dioxide Anodes toward the Oxidation of Phenol in Aqueous Solutions. Journal of the Electrochemical Society, 2005, 152, B421.	2.9	65
53	Pt- and Ru-Doped SnO ₂ –Sb Anodes with High Stability in Alkaline Medium. ACS Applied Materials & Interfaces, 2014, 6, 22778-22789.	8.0	65
54	Asymmetric capacitors using lignin-based hierarchical porous carbons. Journal of Power Sources, 2016, 326, 641-651.	7.8	64

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55	Polyaniline/porous carbon electrodes by chemical polymerisation: Effect of carbon surface chemistry. Electrochimica Acta, 2007, 52, 4962-4968.	5.2	62
56	Electrochemical generation of oxygen-containing groups in an ordered microporous zeolite-templated carbon. Carbon, 2013, 54, 94-104.	10.3	62
57	Insight into the origin of carbon corrosion in positive electrodes of supercapacitors. Journal of Materials Chemistry A, 2019, 7, 7480-7488.	10.3	62
58	Activated Carbons Prepared through H ₃ PO ₄ â€Assisted Hydrothermal Carbonisation from Biomass Wastes: Porous Texture and Electrochemical Performance. ChemPlusChem, 2016, 81, 1349-1359.	2.8	60
59	Key factors improving oxygen reduction reaction activity in cobalt nanoparticles modified carbon nanotubes. Applied Catalysis B: Environmental, 2017, 217, 303-312.	20.2	58
60	Strategies to Enhance the Performance of Electrochemical Capacitors Based on Carbon Materials. Frontiers in Materials, 2019, 6, .	2.4	58
61	Modeling of oxygen reduction reaction in porous carbon materials in alkaline medium. Effect of microporosity. Journal of Power Sources, 2019, 412, 451-464.	7.8	56
62	Electrochemical oxidation of synthetic tannery wastewater in chloride-free aqueous media. Journal of Hazardous Materials, 2010, 180, 429-435.	12.4	55
63	Formation and Evolution of Chemical Gradients and Potential Differences Across Selfâ€Assembling Inorganic Membranes. Angewandte Chemie - International Edition, 2012, 51, 4317-4321.	13.8	54
64	Synthesis and in situ FTIRS characterization of conducting polymers obtained from aminobenzoic acid isomers at platinum electrodes. European Polymer Journal, 2005, 41, 843-852.	5.4	53
65	Electrochemical Methods to Enhance the Capacitance in Activated Carbon/Polyaniline Composites. Journal of the Electrochemical Society, 2008, 155, A672.	2.9	53
66	Algerian natural montmorillonites for arsenic(III) removal in aqueous solution. International Journal of Environmental Science and Technology, 2015, 12, 595-602.	3.5	53
67	Au-IDA microelectrodes modified with Au-doped graphene oxide for the simultaneous determination of uric acid and ascorbic acid in urine samples. Electrochimica Acta, 2017, 227, 275-284.	5.2	53
68	Electrochemical behaviour of amino acids on Pt(h,k,l): a voltammetric and in situ FTIR study. Part 1. Glycine on Pt(111). Journal of Electroanalytical Chemistry, 1997, 421, 179-185.	3.8	52
69	Oxygen-reduction catalysis of N-doped carbons prepared <i>via</i> heat treatment of polyaniline at over 1100 ŰC. Chemical Communications, 2018, 54, 4441-4444.	4.1	50
70	Design of Activated Carbon/Activated Carbon Asymmetric Capacitors. Frontiers in Materials, 2016, 3, .	2.4	49
71	Voltammetric and in situ FTIRS study of the electrochemical oxidation of aniline from aqueous solutions buffered at pH 5. Journal of Electroanalytical Chemistry, 2001, 501, 186-192.	3.8	48
72	Electrochemical performance of carbon gels with variable surface chemistry and physics. Carbon, 2012, 50, 3324-3332.	10.3	48

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73	Silica-templated ordered mesoporous carbon thin films as electrodes for micro-capacitors. Journal of Materials Chemistry A, 2016, 4, 4570-4579.	10.3	48
74	Electrochemical behaviour of benzene on platinum electrodes. Electrochimica Acta, 2000, 45, 4271-4277.	5.2	47
75	Removal of 8-quinolinecarboxylic acid pesticide from aqueous solution by adsorption on activated montmorillonites. Environmental Monitoring and Assessment, 2013, 185, 10365-10375.	2.7	47
76	New insights on electrochemical hydrogen storage in nanoporous carbons by in situ Raman spectroscopy. Carbon, 2014, 69, 401-408.	10.3	47
77	Electrochemical behaviour of aqueous SO2 at polycrystalline gold electrodes in acidic media. A voltammetric and in-situ vibrational study. Part II. Oxidation of SO2 on bare and sulphur-modified electrodes. Electrochimica Acta, 2001, 46, 651-659.	5.2	46
78	Voltammetric and spectroscopic characterization of cyanide adlayers on Pt(h,k,l) in an acidic medium. Surface Science, 1998, 396, 400-410.	1.9	45
79	Generation of nitrogen functionalities on activated carbons by amidation reactions and Hofmann rearrangement: Chemical and electrochemical characterization. Carbon, 2015, 91, 252-265.	10.3	44
80	A comparison between oxidation of activated carbon by electrochemical and chemical treatments. Carbon, 2012, 50, 1123-1134.	10.3	43
81	Nitrogen doped superporous carbon prepared by a mild method. Enhancement of supercapacitor performance. International Journal of Hydrogen Energy, 2016, 41, 19691-19701.	7.1	42
82	New insights into the electrochemical behaviour of porous carbon electrodes for supercapacitors. Journal of Energy Storage, 2018, 19, 337-347.	8.1	42
83	Nitrogen-Doped Superporous Activated Carbons as Electrocatalysts for the Oxygen Reduction Reaction. Materials, 2019, 12, 1346.	2.9	42
84	Pseudocapacitance of zeolite-templated carbon in organic electrolytes. Energy Storage Materials, 2015, 1, 35-41.	18.0	41
85	Evaluation of herringbone carbon nanotubes-modified electrodes for the simultaneous determination of ascorbic acid and uric acid. Electrochimica Acta, 2018, 285, 284-291.	5.2	41
86	Friendly Conditions Synthesis of Platinum Nanoparticles Supported on a Conducting Polymer: Methanol Electrooxidation. Journal of Physical Chemistry C, 2007, 111, 12454-12460.	3.1	40
87	Measuring cycle efficiency and capacitance of chemically activated carbons in propylene carbonate. Carbon, 2010, 48, 1451-1456.	10.3	40
88	Biomass waste conversion into low-cost carbon-based materials for supercapacitors: A sustainable approach for the energy scenario. Journal of Electroanalytical Chemistry, 2021, 880, 114899.	3.8	39
89	Electrochemical study of benzene on Pt of various surface structures in alkaline and acidic solutions. Electrochimica Acta, 2002, 47, 4399-4406.	5.2	37
90	Study of the chemical copolymerization of 2-aminoterephthalic acid and aniline European Polymer Journal, 2006, 42, 1521-1532.	5.4	37

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91	Tailoring the Surface Chemistry of Activated Carbon Cloth by Electrochemical Methods. ACS Applied Materials & Interfaces, 2014, 6, 11682-11691.	8.0	37
92	Electrochemical behaviour of basal single crystal Pt electrodes in alkaline medium. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 288, 217-228.	0.1	36
93	Electrochemical behaviour of activated carbons obtained via hydrothermal carbonization. Journal of Materials Chemistry A, 2015, 3, 15558-15567.	10.3	36
94	New poly(o-phenylenediamine)/modified-clay nanocomposites: A study on spectral, thermal, morphological and electrochemical characteristics. Journal of Molecular Structure, 2019, 1178, 327-332.	3.6	36
95	Functionalization of carbon nanotubes using aminobenzene acids and electrochemical methods. Electroactivity for the oxygen reduction reaction. International Journal of Hydrogen Energy, 2015, 40, 11242-11253.	7.1	34
96	Highly Stable N-Doped Carbon-Supported Pd-Based Catalysts Prepared from Biomass Waste for H ₂ Production from Formic Acid. ACS Sustainable Chemistry and Engineering, 2020, 8, 15030-15043.	6.7	34
97	Effects of the surface chemistry and structure of carbon nanotubes on the coating of glucose oxidase and electrochemical biosensors performance. RSC Advances, 2017, 7, 26867-26878.	3.6	34
98	Cyanide and Phenol Oxidation on Nanostructured Co[sub 3]O[sub 4] Electrodes Prepared by Different Methods. Journal of the Electrochemical Society, 2008, 155, K110.	2.9	33
99	Structural and morphological alterations induced by cobalt substitution in LaMnO3 perovskites. Journal of Colloid and Interface Science, 2019, 556, 658-666.	9.4	33
100	Electrochemical behaviour of amino acids on Pt(h, k, l). A voltammetric and in situ FTIR study. Part II. Serine and alanine on Pt(111). Journal of Electroanalytical Chemistry, 1997, 431, 269-275.	3.8	32
101	Tuning the electroactivity of conductive polymer at physiological pH. Electrochimica Acta, 2007, 52, 2978-2986.	5.2	32
102	Kinetics of Double-Layer Formation: Influence of Porous Structure and Pore Size Distribution. Energy & Fuels, 2010, 24, 3378-3384.	5.1	32
103	All electrochemical synthesis of polyaniline/silica sol–gel materials. Electrochimica Acta, 2011, 56, 3620-3625.	5.2	32
104	Lead ion adsorption from aqueous solutions in modified Algerian montmorillonites. Journal of Thermal Analysis and Calorimetry, 2012, 110, 1069-1077.	3.6	32
105	Irreversible adsorption of methanol on Pt(110) in carbonate solution. Electrochimica Acta, 1992, 37, 1883-1886.	5.2	31
106	Electrochemical behaviour of conducting polymers obtained into clay-catalyst layers. An in situ Raman spectroscopy study. European Polymer Journal, 2006, 42, 733-739.	5.4	31
107	Synthesis, Characterization and Conducting Properties of Nanocomposites of Intercalated 2-Aminophenol with Aniline in Sodium-Montmorillonite. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 267-274.	3.7	31
108	Electrochemical performance of a superporous activated carbon in ionic liquid-based electrolytes. Journal of Power Sources, 2016, 336, 419-426.	7.8	31

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109	Carbon Nanotubes Modified With Au for Electrochemical Detection of Prostate Specific Antigen: Effect of Au Nanoparticle Size Distribution. Frontiers in Chemistry, 2019, 7, 147.	3.6	31
110	Electrochemical behaviour of amino acids on Pt(hkl). A voltammetric and in situ FTIR study. Journal of Electroanalytical Chemistry, 1999, 475, 38-45.	3.8	30
111	Electrochemical behaviour of aqueous SO2 at polycrystalline gold electrodes in acidic media: a voltammetric and in situ vibrational study. Electrochimica Acta, 2000, 45, 1847-1862.	5.2	30
112	Spectroelectrochemical study on CNâ^' adsorbed at Pt(111) in sulphuric and perchloric media. Electrochimica Acta, 1998, 44, 943-948.	5.2	29
113	Formation of CO during adsorption on platinum electrodes of methanol, formaldehyde, ethanol and acetaldehyde in carbonate medium. Journal of Electroanalytical Chemistry, 1994, 368, 285-291.	3.8	28
114	Voltammetric and in situ FTIRS study on CNâ^' and Au(CN)â^'x complexes at the polycrystalline gold surface in citrate medium. Journal of Electroanalytical Chemistry, 2004, 569, 53-60.	3.8	28
115	Understanding of oxygen reduction reaction by examining carbon-oxygen gasification reaction and carbon active sites onAmetalÂand heteroatoms free carbon materials of different porositiesÂand structures. Carbon, 2019, 148, 430-440.	10.3	28
116	Electrochemical oxidation of ethanol on Pt(hkl) basal surfaces in NaOH and Na2CO3 media. Journal of Power Sources, 1994, 52, 109-117.	7.8	27
117	Preparation of thin silicalite-1 layers on carbon materials by electrochemical methods. Microporous and Mesoporous Materials, 2003, 66, 331-340.	4.4	27
118	Charge Transport in Luminescent Polymers Studied by in Situ Fluorescence Spectroscopy. Journal of Physical Chemistry B, 2006, 110, 5914-5919.	2.6	27
119	Relevance of the Interaction between the M-Phthalocyanines and Carbon Nanotubes in the Electroactivity toward ORR. Langmuir, 2017, 33, 11945-11955.	3.5	27
120	Synthesis of conducting polymer/carbon material composites and their application in electrical energy storage. , 2017, , 173-209.		27
121	Effect of Nitrogen-Functional Groups on the ORR Activity of Activated Carbon Fiber-Polypyrrole-Based Electrodes. Electrocatalysis, 2018, 9, 697-705.	3.0	27
122	Manganese oxides/LaMnO3 perovskite materials and their application in the oxygen reduction reaction. Energy, 2022, 247, 123456.	8.8	27
123	Effect of carbon surface on degradation of supercapacitors in a negative potential range. Journal of Power Sources, 2020, 457, 228042.	7.8	26
124	Electrochemical behaviour of Pt(111) in alkaline media. Effect of specific adsorption of anions. Journal of Electroanalytical Chemistry, 1992, 334, 323-338.	3.8	25
125	Potential modulated reflectance spectroscopy of Pt(111) in acidic and alkaline media: cyanide adsorption. Journal of Electroanalytical Chemistry, 1999, 463, 109-115.	3.8	25
126	Metal free electrochemical glucose biosensor based on N-doped porous carbon material. Electrochimica Acta, 2021, 367, 137434.	5.2	25

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127	Synthesis, characterization and DFT investigation of new metal complexes of Ni(II), Mn(II) and VO(IV) containing N,O-donor Schiff base ligand. Journal of Molecular Structure, 2021, 1231, 129923.	3.6	25
128	On the polymerization of 2-aminodiphenylamine. Synthetic Metals, 2006, 156, 51-57.	3.9	24
129	Enhanced removal of 8-quinolinecarboxylic acid in an activated carbon cloth by electroadsorption in aqueous solution. Chemosphere, 2016, 144, 982-988.	8.2	24
130	Tailoring the properties of polyanilines/SiC nanocomposites by engineering monomer and chain substituents. Journal of Molecular Structure, 2019, 1188, 121-128.	3.6	24
131	Improving the power performance of urine-fed microbial fuel cells using PEDOT-PSS modified anodes. Applied Energy, 2020, 278, 115528.	10.1	24
132	The generation of hydroxyl radicals and electro-oxidation of diclofenac on Pt-doped SnO2–Sb electrodes. Electrochimica Acta, 2020, 354, 136686.	5.2	24
133	Oxidation of methylamine and ethylamine on Pt single crystal electrodes in acid medium. Journal of Electroanalytical Chemistry, 1999, 469, 159-169.	3.8	23
134	Characterization of activated carbon fiber/polyaniline materials by position-resolved microbeam small-angle X-ray scattering. Carbon, 2012, 50, 1051-1056.	10.3	23
135	Carbon–carbon asymmetric aqueous capacitor by pseudocapacitive positive and stable negative electrodes. Carbon, 2014, 67, 792-794.	10.3	23
136	Electrochemical regeneration of spent activated carbon from drinking water treatment plant at different scale reactors. Chemosphere, 2021, 264, 128399.	8.2	23
137	On the deactivation of N-doped carbon materials active sites during oxygen reduction reaction. Carbon, 2022, 189, 548-560.	10.3	23
138	The oxidation of ascorbate at copolymeric sulfonated poly(aniline) coated on glassy carbon electrodes. Bioelectrochemistry, 2011, 80, 105-113.	4.6	22
139	Single-walled carbon nanotube buckypapers as electrocatalyst supports for methanol oxidation. Journal of Power Sources, 2013, 242, 7-14.	7.8	22
140	Characterization of a zeolite-templated carbon by electrochemical quartz crystal microbalance and in situ Raman spectroscopy. Carbon, 2015, 89, 63-73.	10.3	22
141	Novel nickel(II) and manganese(III) complexes with bidentate Schiff-base ligand: synthesis, spectral, thermogravimetry, electrochemical and electrocatalytical properties. Research on Chemical Intermediates, 2016, 42, 4839-4858.	2.7	22
142	Copper-Doped Cobalt Spinel Electrocatalysts Supported on Activated Carbon for Hydrogen Evolution Reaction. Materials, 2019, 12, 1302.	2.9	22
143	Electrochemical behaviour of amino acids on Pt(hkl). A voltammetric and in situ FTIR study Journal of Electroanalytical Chemistry, 1998, 445, 155-164.	3.8	21
144	Binderless thin films of zeolite-templated carbon electrodes useful for electrochemical microcapacitors with ultrahigh rate performance. Physical Chemistry Chemical Physics, 2013, 15, 10331.	2.8	21

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145	A selective naked-eye chemosensor derived from 2-methoxybenzylamine and 2,3-dihydroxybenzaldehyde - synthesis, spectral characterization and electrochemistry of its bis-bidentates Schiff bases metal complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 184, 299-307.	3.9	21
146	Efficient Pt electrocatalysts supported onto flavin mononucleotide–exfoliated pristine graphene for the methanol oxidation reaction. Electrochimica Acta, 2017, 231, 386-395.	5.2	21
147	Post-synthetic efficient functionalization of polyaniline with phosphorus-containing groups. Effect of phosphorus on electrochemical properties. European Polymer Journal, 2019, 119, 272-280.	5.4	21
148	On the Origin of the Effect of pH in Oxygen Reduction Reaction for Nondoped and Edge-Type Quaternary N-Doped Metal-Free Carbon-Based Catalysts. ACS Applied Materials & Interfaces, 2020, 12, 54815-54823.	8.0	21
149	Transition metal oxides with perovskite and spinel structures for electrochemical energy production applications. Environmental Research, 2022, 214, 113731.	7.5	21
150	Voltammetric and in situ FT-IRS study of the electropolymerization of o-aminobenzoic acid at gold and graphite carbon electrodes: Influence of pH on the electrochemical behaviour of polymer films. Journal of Electroanalytical Chemistry, 2008, 624, 245-250.	3.8	20
151	Effect of the intercalated cation on the properties of poly(o-methylaniline)/maghnite clay nanocomposites. European Polymer Journal, 2008, 44, 1275-1284.	5.4	20
152	Preparation of conductive carbon-ceramic composites from coal tar pitch and ceramic monoliths. Carbon, 1998, 36, 1003-1009.	10.3	19
153	Carbon–ceramic composites from coal tar pitch and clays: application as electrocatalyst support. Carbon, 2002, 40, 2193-2200.	10.3	19
154	Spectroelectrochemical study of the oxidation of diaminophenols on platinum electrodes in acidic medium. Electrochimica Acta, 2005, 50, 5414-5422.	5.2	19
155	Homolytic cleavage C–C bond in the electrooxidation of ethanol and bioethanol. Journal of Power Sources, 2011, 196, 4193-4199.	7.8	19
156	A novel ferrocenic copper(II) complex Salen-like, derived from 5-chloromethyl-2-hydroxyacetophenone and N-ferrocenmethylaniline: Design, spectral approach and solvent effect towards electrochemical behavior of Fc+/Fc redox couple. Journal of Organometallic Chemistry, 2017, 848, 344-351.	1.8	19
157	Efficient and cost-effective ORR electrocatalysts based on low content transition metals highly dispersed on C3N4/super-activated carbon composites. Carbon, 2022, 196, 378-390.	10.3	19
158	Conducting films obtained by electro-oxidation of p-aminodiphenylamine (ADPA) in the presence of aniline in buffer aqueous solution at pH 5. Journal of Electroanalytical Chemistry, 2002, 529, 59-65.	3.8	18
159	Electrochemical behaviour of different redox probes on single wall carbon nanotube buckypaper-modified electrodes. Electrochimica Acta, 2014, 135, 404-411.	5.2	18
160	Direct Electron Transfer to Cytochrome <i>c</i> Induced by a Conducting Polymer. Journal of Physical Chemistry C, 2017, 121, 15870-15879.	3.1	18
161	Carbon Material and Cobalt-Substitution Effects in the Electrochemical Behavior of LaMnO3 for ORR and OER. Nanomaterials, 2020, 10, 2394.	4.1	18
162	Structural effects of adsorbed CN adlayers on the co-adsorption of OHâ^' at the Pt(111) surface in sulfuric acid medium. Surface Science, 1999, 431, L577-L581.	1.9	17

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163	Catalytic Oxidation of Sulfur Dioxide by Activated Carbon: A Physical Chemistry Experiment. Journal of Chemical Education, 1999, 76, 958.	2.3	17
164	Voltammetric analysis of the co-adsorption of cyanide and carbon monoxide on a Pt(111) surface. Electrochemistry Communications, 2002, 4, 251-254.	4.7	17
165	Zeolite LTA/carbon membranes for air separation. Microporous and Mesoporous Materials, 2008, 115, 51-60.	4.4	17
166	Arsenic species interactions with a porous carbon electrode as determined with an electrochemical quartz crystal microbalance. Electrochimica Acta, 2009, 54, 3996-4004.	5.2	17
167	Effect of the intercalated cation-exchanged on the properties of nanocomposites prepared by 2-aminobenzene sulfonic acid with aniline and montmorillonite. Journal of Alloys and Compounds, 2013, 551, 212-218.	5.5	17
168	Successful functionalization of superporous zeolite templated carbon using aminobenzene acids and electrochemical methods. Carbon, 2016, 99, 157-166.	10.3	17
169	Electrocatalytic oxidation of cyanide on copper-doped cobalt oxide electrodes. Applied Catalysis B: Environmental, 2017, 207, 286-296.	20.2	17
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