

Emilia Morallon

List of Publications by Year in Descending Order

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

264
papers

8,262
citations

52
h-index

75
g-index

274
ext. papers

9,337
ext. citations

6.2
avg, IF

6.37
L-index

#	Paper	IF	Citations
264	Electrochemical functionalization of carbon nanomaterials and their application in immobilization of enzymes 2022 , 67-103		
263	Manganese oxides/LaMnO ₃ perovskite materials and their application in the oxygen reduction reaction. <i>Energy</i> , 2022 , 247, 123456	7.9	2
262	On the deactivation of N-doped carbon materials active sites during oxygen reduction reaction. <i>Carbon</i> , 2022 , 189, 548-560	10.4	2
261	Controlled synthesis of mono- and bimetallic Pt-based catalysts for electrochemical ethanol oxidation. <i>Materials Chemistry and Physics</i> , 2022 , 275, 125282	4.4	0
260	Hydrogels obtained from aniline and piperazine: Synthesis, characterization and their application in hybrid supercapacitors. <i>Journal of Molecular Structure</i> , 2022 , 1248, 131445	3.4	4
259	On the mechanism of electrochemical functionalization of carbon nanotubes with different structures with aminophenylphosphonic acid isomers: an experimental and computational approach. <i>Journal of Materials Chemistry A</i> , 2022 , 10, 7271-7290	13	0
258	Efficient production of hydrogen from a valuable CO ₂ -derived molecule: Formic acid dehydrogenation boosted by biomass waste-derived catalysts. <i>Fuel</i> , 2022 , 320, 123900	7.1	0
257	Efficient and cost-effective ORR electrocatalysts based on low content transition metals highly dispersed on C ₃ N ₄ /super-activated carbon composites. <i>Carbon</i> , 2022 , 196, 378-390	10.4	0
256	Electrocatalysis with metal-free carbon-based catalysts 2022 , 213-244		
255	H Production from Formic Acid Using Highly Stable Carbon-Supported Pd-Based Catalysts Derived from Soft-Biomass Residues: Effect of Heat Treatment and Functionalization of the Carbon Support. <i>Materials</i> , 2021 , 14,	3.5	1
254	Preparation of Pt/CNT Thin-Film Electrodes by Electrochemical Potential Pulse Deposition for Methanol Oxidation. <i>Journal of Carbon Research</i> , 2021 , 7, 32	3.3	2
253	Copper ferrite nanospheres composites mixed with carbon black to boost the oxygen reduction reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 613, 126060	5.1	4
252	Feasibility of electrochemical regeneration of activated carbon used in drinking water treatment plant. Reactor configuration design at a pilot scale. <i>Chemical Engineering Research and Design</i> , 2021 , 148, 846-857	5.5	4
251	Synthesis, characterization and DFT investigation of new metal complexes of Ni(II), Mn(II) and VO(IV) containing N,O-donor Schiff base ligand. <i>Journal of Molecular Structure</i> , 2021 , 1231, 129923	3.4	8
250	Single atomic Co coordinated with N in microporous carbon for oxygen reduction reaction obtained from Co/2-methylimidazole anchored to Y zeolite as a template. <i>Materials Today Chemistry</i> , 2021 , 20, 100410	6.2	0
249	Metal free electrochemical glucose biosensor based on N-doped porous carbon material. <i>Electrochimica Acta</i> , 2021 , 367, 137434	6.7	12
248	Electrochemical regeneration of spent activated carbon from drinking water treatment plant at different scale reactors. <i>Chemosphere</i> , 2021 , 264, 128399	8.4	7

247	Electrochemical performance of N-doped superporous activated carbons in ionic liquid-based electrolytes. <i>Electrochimica Acta</i> , 2021 , 368, 137590	6.7	2
246	Biomass waste conversion into low-cost carbon-based materials for supercapacitors: A sustainable approach for the energy scenario. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 880, 114899	4.1	14
245	Electroadsorption of Bromide from Natural Water in Granular Activated Carbon. <i>Water (Switzerland)</i> , 2021 , 13, 598	3	
244	Multi-wall carbon nanotubes electrochemically modified with phosphorus and nitrogen functionalities as a basis for bioelectrodes with improved performance. <i>Electrochimica Acta</i> , 2021 , 387, 138530	6.7	3
243	Electrochemical synthesis of composite materials based on titanium carbide and titanium dioxide with poly(N-phenyl-o-phenylenediamine) for selective detection of uric acid. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 895, 115481	4.1	6
242	Revisiting the Redox Transitions of Polyaniline. Semiquantitative Interpretation of Electrochemically Induced IR Bands. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 897, 115593	4.1	0
241	Pyrroloquinoline quinone-dependent glucose dehydrogenase bioelectrodes based on one-step electrochemical entrapment over single-wall carbon nanotubes. <i>Talanta</i> , 2021 , 232, 122386	6.2	2
240	Electrocatalytic activity of calcined manganese ferrite solid nanospheres in the oxygen reduction reaction. <i>Environmental Research</i> , 2021 , 204, 112126	7.9	0
239	Carbon Material and Cobalt-Substitution Effects in the Electrochemical Behavior of LaMnO for ORR and OER. <i>Nanomaterials</i> , 2020 , 10,	5.4	9
238	MWCNT-Supported PVP-Capped Pd Nanoparticles as Efficient Catalysts for the Dehydrogenation of Formic Acid. <i>Frontiers in Chemistry</i> , 2020 , 8, 359	5	6
237	Effect of surface oxygen groups in the electrochemical modification of multi-walled carbon nanotubes by 4-amino phenyl phosphonic acid. <i>Carbon</i> , 2020 , 165, 328-339	10.4	7
236	Preparation and Characterization of Montmorillonite/PEDOT-PSS and Diatomite/PEDOT-PSS Hybrid Materials. Study of Electrochemical Properties in Acid Medium. <i>Journal of Composites Science</i> , 2020 , 4, 51	3	3
235	Synthesis of Phosphorus-Containing Polyanilines by Electrochemical Copolymerization. <i>Polymers</i> , 2020 , 12,	4.5	5
234	Electrochemical synthesis of fluorinated polyanilines. <i>Electrochimica Acta</i> , 2020 , 348, 136329	6.7	3
233	Reactive Insertion of PEDOT-PSS in SWCNT@Silica Composites and its Electrochemical Performance. <i>Materials</i> , 2020 , 13,	3.5	7
232	Electrochemical functionalization of single wall carbon nanotubes with phosphorus and nitrogen species. <i>Electrochimica Acta</i> , 2020 , 340, 135935	6.7	14
231	Activation of electrospun lignin-based carbon fibers and their performance as self-standing supercapacitor electrodes. <i>Separation and Purification Technology</i> , 2020 , 241, 116724	8.3	36
230	Rational Design of Single Atomic Co in CoNx Moieties on Graphene Matrix as an Ultra-Highly Efficient Active Site for Oxygen Reduction Reaction. <i>ChemNanoMat</i> , 2020 , 6, 218-222	3.5	3

229	Metal-free heteroatom-doped carbon-based catalysts for ORR: A critical assessment about the role of heteroatoms. <i>Carbon</i> , 2020 , 165, 434-454	10.4	109
228	Effect of carbon surface on degradation of supercapacitors in a negative potential range. <i>Journal of Power Sources</i> , 2020 , 457, 228042	8.9	12
227	Synthesis and characterization of a novel non-symmetrical bidentate Schiff base ligand and its Ni(II) complex: electrochemical and antioxidant studies. <i>Chemical Papers</i> , 2020 , 74, 3825-3837	1.9	5
226	Nitrogen Doped Superactivated Carbons Prepared at Mild Conditions as Electrodes for Supercapacitors in Organic Electrolyte. <i>Journal of Carbon Research</i> , 2020 , 6, 56	3.3	2
225	Improving the power performance of urine-fed microbial fuel cells using PEDOT-PSS modified anodes. <i>Applied Energy</i> , 2020 , 278, 115528	10.7	9
224	The generation of hydroxyl radicals and electro-oxidation of diclofenac on Pt-doped SnO ₂ /B electrodes. <i>Electrochimica Acta</i> , 2020 , 354, 136686	6.7	7
223	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. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 54815-54823	9.5	6
222	Tailoring Intrinsic Properties of Polyaniline by Functionalization with Phosphonic Groups. <i>Polymers</i> , 2020 , 12,	4.5	3
221	Polyaniline-Derived N-Doped Ordered Mesoporous Carbon Thin Films: Efficient Catalysts towards Oxygen Reduction Reaction. <i>Polymers</i> , 2020 , 12,	4.5	5
220	Highly Stable N-Doped Carbon-Supported Pd-Based Catalysts Prepared from Biomass Waste for H ₂ Production from Formic Acid. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 15030-15043	8.3	14
219	Maghnite-H ⁺ Catalytic Synthesis and Characterization of Polyindenes and Oxidized Derivatives. <i>ChemistrySelect</i> , 2020 , 5, 10692-10703	1.8	
218	Nitrogen-Doped Seamless Activated Carbon Electrode with Excellent Durability for Electric Double Layer Capacitor. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 060523	3.9	12
217	Structural and morphological alterations induced by cobalt substitution in LaMnO perovskites. <i>Journal of Colloid and Interface Science</i> , 2019 , 556, 658-666	9.3	13
216	Anchoring a Co/2-methylimidazole complex on ion-exchange resin and its transformation to Co/N-doped carbon as an electrocatalyst for the ORR. <i>Catalysis Science and Technology</i> , 2019 , 9, 578-582	5.5	9
215	Strategies to Enhance the Performance of Electrochemical Capacitors Based on Carbon Materials. <i>Frontiers in Materials</i> , 2019 , 6,	4	39
214	Oxidation of Different Microporous Carbons by Chemical and Electrochemical Methods. <i>Frontiers in Materials</i> , 2019 , 6,	4	5
213	Nitrogen-Doped Superporous Activated Carbons as Electrocatalysts for the Oxygen Reduction Reaction. <i>Materials</i> , 2019 , 12,	3.5	31
212	Copper-Doped Cobalt Spinel Electrocatalysts Supported on Activated Carbon for Hydrogen Evolution Reaction. <i>Materials</i> , 2019 , 12,	3.5	6

211	Synthesis and Catalytic Properties of Modified Electrodes by Pulsed Electrodeposition of Pt/PANI Nanocomposite. <i>Materials</i> , 2019 , 12,	3.5	11
210	Affinity of Electrochemically Deposited Sol-Gel Silica Films towards Catecholamine Neurotransmitters. <i>Sensors</i> , 2019 , 19,	3.8	1
209	Understanding of oxygen reduction reaction by examining carbon-oxygen gasification reaction and carbon active sites on metal and heteroatoms free carbon materials of different porosities and structures. <i>Carbon</i> , 2019 , 148, 430-440	10.4	16
208	Tailoring the properties of polyanilines/SiC nanocomposites by engineering monomer and chain substituents. <i>Journal of Molecular Structure</i> , 2019 , 1188, 121-128	3.4	22
207	Carbon Nanotubes Modified With Au for Electrochemical Detection of Prostate Specific Antigen: Effect of Au Nanoparticle Size Distribution. <i>Frontiers in Chemistry</i> , 2019 , 7, 147	5	23
206	Preparation of polypyrrole (PPy)-derived polymer/ZrO ₂ nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 135, 2089-2100	4.1	54
205	Post-synthetic efficient functionalization of polyaniline with phosphorus-containing groups. Effect of phosphorus on electrochemical properties. <i>European Polymer Journal</i> , 2019 , 119, 272-280	5.2	15
204	Are the Accompanying Cations of Doping Anions Influential in Conducting Organic Polymers? The Case of the Popular PEDOT. <i>Chemistry - A European Journal</i> , 2019 , 25, 14308-14319	4.8	5
203	Insight into the origin of carbon corrosion in positive electrodes of supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 7480-7488	13	29
202	Towards understanding the active sites for the ORR in N-doped carbon materials through fine-tuning of nitrogen functionalities: an experimental and computational approach. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 24239-24250	13	41
201	The Nature of the Electro-Oxidative Catalytic Response of Mixed Metal Oxides: Pt- and Ru-Doped SnO ₂ Anodes. <i>ChemElectroChem</i> , 2019 , 6, 1057-1068	4.3	9
200	Catalytic degradation of O-cresol using H ₂ O ₂ onto Algerian Clay-Na. <i>Water Environment Research</i> , 2019 , 91, 165-174	2.8	4
199	Fabrication of Co/P25 coated with thin nitrogen-doped carbon shells (Co/P25/NC) as an efficient electrocatalyst for oxygen reduction reaction (ORR). <i>Electrochimica Acta</i> , 2019 , 296, 867-873	6.7	10
198	New poly(o-phenylenediamine)/modified-clay nanocomposites: A study on spectral, thermal, morphological and electrochemical characteristics. <i>Journal of Molecular Structure</i> , 2019 , 1178, 327-332	3.4	30
197	Modeling of oxygen reduction reaction in porous carbon materials in alkaline medium. Effect of microporosity. <i>Journal of Power Sources</i> , 2019 , 412, 451-464	8.9	34
196	Electro-oxidation of cyanide on active and non-active anodes: Designing the electrocatalytic response of cobalt spinels. <i>Separation and Purification Technology</i> , 2019 , 208, 42-50	8.3	6
195	Portable electrochemical sensor based on 4-aminobenzoic acid-functionalized herringbone carbon nanotubes for the determination of ascorbic acid and uric acid in human fluids. <i>Biosensors and Bioelectronics</i> , 2018 , 109, 123-131	11.8	52
194	Oxygen-reduction catalysis of N-doped carbons prepared via heat treatment of polyaniline at over 1100 °C. <i>Chemical Communications</i> , 2018 , 54, 4441-4444	5.8	37

193	Ultraporous nitrogen-doped zeolite-templated carbon for high power density aqueous-based supercapacitors. <i>Carbon</i> , 2018 , 129, 510-519	10.4	62
192	Evaluation of herringbone carbon nanotubes-modified electrodes for the simultaneous determination of ascorbic acid and uric acid. <i>Electrochimica Acta</i> , 2018 , 285, 284-291	6.7	31
191	An Electrochemical Study on the Copolymer Formed from Piperazine and Aniline Monomers. <i>Materials</i> , 2018 , 11,	3.5	6
190	Effect of Nitrogen-Functional Groups on the ORR Activity of Activated Carbon Fiber-Polypyrrole-Based Electrodes. <i>Electrocatalysis</i> , 2018 , 9, 697-705	2.7	17
189	A self-doped polyaniline derivative obtained by electrochemical copolymerization of aminoterephthalic acid and aniline. <i>Synthetic Metals</i> , 2018 , 245, 61-66	3.6	7
188	New insights into the electrochemical behaviour of porous carbon electrodes for supercapacitors. <i>Journal of Energy Storage</i> , 2018 , 19, 337-347	7.8	30
187	Modulation of the electrocatalytic performance of PEDOT-PSS by reactive insertion into a sol-gel silica matrix. <i>European Polymer Journal</i> , 2018 , 105, 323-330	5.2	9
186	Tailored metallacarboranes as mediators for boosting the stability of carbon-based aqueous supercapacitors. <i>Sustainable Energy and Fuels</i> , 2018 , 2, 345-352	5.8	13
185	A novel conducting nanocomposite obtained by p-anisidine and aniline with titanium(IV) oxide nanoparticles: Synthesis, Characterization, and Electrochemical properties. <i>Polymer Composites</i> , 2017 , 38, E254-E260	3	71
184	Au-IDA microelectrodes modified with Au-doped graphene oxide for the simultaneous determination of uric acid and ascorbic acid in urine samples. <i>Electrochimica Acta</i> , 2017 , 227, 275-284	6.7	30
183	A stretchable and screen-printed electrochemical sensor for glucose determination in human perspiration. <i>Biosensors and Bioelectronics</i> , 2017 , 91, 885-891	11.8	201
182	Electrocatalytic oxidation of cyanide on copper-doped cobalt oxide electrodes. <i>Applied Catalysis B: Environmental</i> , 2017 , 207, 286-296	21.8	13
181	Effect of carbonization conditions of polyaniline on its catalytic activity towards ORR. Some insights about the nature of the active sites. <i>Carbon</i> , 2017 , 119, 62-71	10.4	53
180	Synthesis, spectral characterization and study of thermal behavior kinetics by thermogravimetric analysis of metal complexes derived from salicylaldehyde and alkylamine. <i>Journal of Molecular Structure</i> , 2017 , 1142, 48-57	3.4	6
179	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 184, 299-307	4.4	18
178	A novel nickel(II) complex obtained from 2-[(3-bromo-propylimino)-methyl]-phenol as a ligand: synthesis, structural characterization, electrochemical and electrocatalytical investigations. <i>Research on Chemical Intermediates</i> , 2017 , 43, 3163-3182	2.8	2
177	Spectroelectrochemical study on the copolymerization of o-aminophenol and aminoterephthalic acid. <i>European Polymer Journal</i> , 2017 , 91, 386-395	5.2	9
176	Key factors improving oxygen reduction reaction activity in cobalt nanoparticles modified carbon nanotubes. <i>Applied Catalysis B: Environmental</i> , 2017 , 217, 303-312	21.8	46

175	Electrodeposition of 4,4'-di-tert-butylbiphenyl peroxide from the anodic oxidation of p-tert-butylphenol in an alkaline acetonitrile solution. <i>Journal of Applied Electrochemistry</i> , 2017 , 47, 507-516	2.6	4
174	Lignin-derived Pt supported carbon (submicron) fiber electrocatalysts for alcohol electro-oxidation. <i>Applied Catalysis B: Environmental</i> , 2017 , 211, 18-30	21.8	49
173	Efficient Pt electrocatalysts supported onto flavin mononucleotide-exfoliated pristine graphene for the methanol oxidation reaction. <i>Electrochimica Acta</i> , 2017 , 231, 386-395	6.7	19
172	Enhancement of the direct electron transfer to encapsulated cytochrome c by electrochemical functionalization with a conducting polymer. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 793, 34-40	4.1	10
171	Synthesis, characterization and X-ray crystal structure of novel nickel Schiff base complexes and investigation of their catalytic activity in the electrocatalytic reduction of alkyl and aryl halides. <i>Journal of the Iranian Chemical Society</i> , 2017 , 14, 703-715	2	7
170	Relevance of the Interaction between the M-Phthalocyanines and Carbon Nanotubes in the Electroactivity toward ORR. <i>Langmuir</i> , 2017 , 33, 11945-11955	4	18
169	A novel ferrocenic copper(II) complex Salen-like, derived from 5-chloromethyl-2-hydroxyacetophenone and N-ferrocenmethyl-aniline: Design, spectral approach and solvent effect towards electrochemical behavior of Fc ⁺ /Fc redox couple. <i>Journal of Organometallic Chemistry</i> , 2017 , 848, 344-351	2.3	13
168	Direct Electron Transfer to Cytochrome c Induced by a Conducting Polymer. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 15870-15879	3.8	14
167	Synthesis of conducting polymer/carbon material composites and their application in electrical energy storage 2017 , 173-209		18
166	Effects of the surface chemistry and structure of carbon nanotubes on the coating of glucose oxidase and electrochemical biosensors performance. <i>RSC Advances</i> , 2017 , 7, 26867-26878	3.7	27
165	Biomass-derived binderless fibrous carbon electrodes for ultrafast energy storage. <i>Green Chemistry</i> , 2016 , 18, 1506-1515	10	84
164	Molecularly imprinted silica films prepared by electroassisted deposition for the selective detection of dopamine. <i>Sensors and Actuators B: Chemical</i> , 2016 , 222, 63-70	8.5	12
163	Activated Carbons Prepared through H ₂ PO ₄ -Assisted Hydrothermal Carbonisation from Biomass Wastes: Porous Texture and Electrochemical Performance. <i>ChemPlusChem</i> , 2016 , 81, 1349-1359	2.8	36
162	PANI-derived polymer/Al ₂ O ₃ nanocomposites: synthesis, characterization, and electrochemical studies. <i>Colloid and Polymer Science</i> , 2016 , 294, 1877-1885	2.4	74
161	Electrochemical performance of a superporous activated carbon in ionic liquid-based electrolytes. <i>Journal of Power Sources</i> , 2016 , 336, 419-426	8.9	26
160	Flavin mononucleotide-exfoliated graphene flakes as electrodes for the electrochemical determination of uric acid in the presence of ascorbic acid. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 783, 41-48	4.1	9
159	Silica-templated ordered mesoporous carbon thin films as electrodes for micro-capacitors. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 4570-4579	13	36
158	Easy fabrication of superporous zeolite templated carbon electrodes by electrospraying on rigid and flexible substrates. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 4610-4618	13	12

157	Successful functionalization of superporous zeolite templated carbon using aminobenzene acids and electrochemical methods. <i>Carbon</i> , 2016 , 99, 157-166	10.4	16
156	Enhanced removal of 8-quinolinecarboxylic acid in an activated carbon cloth by electroadsorption in aqueous solution. <i>Chemosphere</i> , 2016 , 144, 982-8	8.4	17
155	Novel nickel(II) and manganese(III) complexes with bidentate Schiff-base ligand: synthesis, spectral, thermogravimetry, electrochemical and electrocatalytical properties. <i>Research on Chemical Intermediates</i> , 2016 , 42, 4839-4858	2.8	13
154	Design of Activated Carbon/Activated Carbon Asymmetric Capacitors. <i>Frontiers in Materials</i> , 2016 , 3,	4	37
153	Electrocatalytic degradation of phenol on Pt- and Ru-doped Ti/SnO ₂ -Sb anodes in an alkaline medium. <i>Applied Catalysis B: Environmental</i> , 2016 , 199, 394-404	21.8	54
152	Removal of o-Cresol from aqueous solution using Algerian Na-Clay as adsorbent. <i>Desalination and Water Treatment</i> , 2016 , 57, 20511-20519		7
151	Nitrogen doped superporous carbon prepared by a mild method. Enhancement of supercapacitor performance. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 19691-19701	6.7	34
150	Asymmetric capacitors using lignin-based hierarchical porous carbons. <i>Journal of Power Sources</i> , 2016 , 326, 641-651	8.9	51
149	Enzyme mediated synthesis of polypyrrole in the presence of chondroitin sulfate and redox mediators of natural origin. <i>Materials Science and Engineering C</i> , 2016 , 63, 650-6	8.3	12
148	The chemical and electrochemical oxidative polymerization of 2-amino-4-tert-butylphenol. <i>Electrochimica Acta</i> , 2016 , 212, 958-965	6.7	6
147	Electrocatalytic oxidation of ascorbic acid on mesostructured SiO ₂ -conducting polymer composites. <i>European Polymer Journal</i> , 2015 , 69, 201-207	5.2	5
146	Electrochemical behaviour of activated carbons obtained via hydrothermal carbonization. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 15558-15567	13	33
145	Functionalization of carbon nanotubes using aminobenzene acids and electrochemical methods. Electroactivity for the oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 11242-11253	6.7	30
144	Generation of nitrogen functionalities on activated carbons by amidation reactions and Hofmann rearrangement: Chemical and electrochemical characterization. <i>Carbon</i> , 2015 , 91, 252-265	10.4	33
143	Characterization of a zeolite-templated carbon by electrochemical quartz crystal microbalance and in situ Raman spectroscopy. <i>Carbon</i> , 2015 , 89, 63-73	10.4	20
142	Enhanced electro-oxidation resistance of carbon electrodes induced by phosphorus surface groups. <i>Carbon</i> , 2015 , 95, 681-689	10.4	57
141	Pseudocapacitance of zeolite-templated carbon in organic electrolytes. <i>Energy Storage Materials</i> , 2015 , 1, 35-41	19.4	31
140	Algerian natural montmorillonites for arsenic(III) removal in aqueous solution. <i>International Journal of Environmental Science and Technology</i> , 2015 , 12, 595-602	3.3	47

139	Improvement of carbon materials performance by nitrogen functional groups in electrochemical capacitors in organic electrolyte at severe conditions. <i>Carbon</i> , 2015 , 82, 205-213	10.4	54
138	Electrochemical Behaviour of PSS-Functionalized Silica Films Prepared by Electroassisted Deposition of Sol-Gel Precursors. <i>Electrocatalysis</i> , 2015 , 6, 33-41	2.7	6
137	Characterization and electrochemical properties of conducting nanocomposites synthesized from p-anisidine and aniline with titanium carbide by chemical oxidative method. <i>Synthetic Metals</i> , 2015 , 202, 25-32	3.6	52
136	Synthesis, Characterization and Conducting Properties of Nanocomposites of Intercalated 2-Aminophenol with Aniline in Sodium-Montmorillonite. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014 , 24, 267-274	3.2	29
135	Enhancement of the Electrochemical Performance of SWCNT dispersed in a Silica Sol-gel Matrix by Reactive Insertion of a Conducting Polymer. <i>Electrochimica Acta</i> , 2014 , 135, 114-120	6.7	14
134	New insights on electrochemical hydrogen storage in nanoporous carbons by in situ Raman spectroscopy. <i>Carbon</i> , 2014 , 69, 401-408	10.4	35
133	Tailoring the surface chemistry of activated carbon cloth by electrochemical methods. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 11682-91	9.5	27
132	On the origin of the high capacitance of nitrogen-containing carbon nanotubes in acidic and alkaline electrolytes. <i>Chemical Communications</i> , 2014 , 50, 11343-6	5.8	80
131	Modulation of the silica sol-gel composition for the promotion of direct electron transfer to encapsulated cytochrome c. <i>Langmuir</i> , 2014 , 30, 10531-8	4	13
130	Carbon-carbon asymmetric aqueous capacitor by pseudocapacitive positive and stable negative electrodes. <i>Carbon</i> , 2014 , 67, 792-794	10.4	18
129	Preparation of homogeneous CNT coatings in insulating capillary tubes by an innovative electrochemically-assisted method. <i>Carbon</i> , 2014 , 67, 564-571	10.4	4
128	Pt- and Ru-doped SnO ₂ /Sn anodes with high stability in alkaline medium. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 22778-89	9.5	54
127	Electrochemical behaviour of different redox probes on single wall carbon nanotube buckypaper-modified electrodes. <i>Electrochimica Acta</i> , 2014 , 135, 404-411	6.7	13
126	Electrochemical and In Situ FTIR Study of o-Cresol on Platinum Electrode in Acid Medium. <i>Electrocatalysis</i> , 2014 , 5, 186-192	2.7	6
125	Electrochemical performance of hierarchical porous carbon materials obtained from the infiltration of lignin into zeolite templates. <i>ChemSusChem</i> , 2014 , 7, 1458-67	8.3	82
124	Electrocatalytic Performance of SiO ₂ -SWCNT Nanocomposites Prepared by Electroassisted Deposition. <i>Electrocatalysis</i> , 2013 , 4, 259-266	2.7	13
123	Flexible ruthenium oxide-activated carbon cloth composites prepared by simple electrodeposition methods. <i>Energy</i> , 2013 , 58, 519-526	7.9	58
122	Tailoring the porosity of chemically activated hydrothermal carbons: Influence of the precursor and hydrothermal carbonization temperature. <i>Carbon</i> , 2013 , 62, 346-355	10.4	165

121	Removal of 8-quinolinecarboxylic acid pesticide from aqueous solution by adsorption on activated montmorillonites. <i>Environmental Monitoring and Assessment</i> , 2013 , 185, 10365-75	3.1	45
120	Single-walled carbon nanotube buckypapers as electrocatalyst supports for methanol oxidation. <i>Journal of Power Sources</i> , 2013 , 242, 7-14	8.9	19
119	Binderless thin films of zeolite-templated carbon electrodes useful for electrochemical microcapacitors with ultrahigh rate performance. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 10331-4	3.6	17
118	Effect of the intercalated cation-exchanged on the properties of nanocomposites prepared by 2-aminobenzene sulfonic acid with aniline and montmorillonite. <i>Journal of Alloys and Compounds</i> , 2013 , 551, 212-218	5.7	15
117	Electrochemical generation of oxygen-containing groups in an ordered microporous zeolite-templated carbon. <i>Carbon</i> , 2013 , 54, 94-104	10.4	53
116	Asymmetric hybrid capacitors based on activated carbon and activated carbon fibre/BANI electrodes. <i>Electrochimica Acta</i> , 2013 , 89, 326-333	6.7	82
115	SERS Active Surface in Two Steps, Patterning and Metallization. <i>Advanced Engineering Materials</i> , 2013 , 15, 325-329	3.5	3
114	Hydrothermal carbons from hemicellulose-derived aqueous hydrolysis products as electrode materials for supercapacitors. <i>ChemSusChem</i> , 2013 , 6, 374-82	8.3	138
113	Polyaniline/Montmorillonite Nanocomposites Obtained by In Situ Intercalation and Oxidative Polymerization in Cationic Modified-Clay (Sodium, Copper and Iron). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013 , 23, 1485-1491	3.2	12
112	Electrooxidation Methods to Produce Pseudocapacitance-containing Porous Carbons. <i>Electrochemistry</i> , 2013 , 81, 833-839	1.2	16
111	Relevance of porosity and surface chemistry of superactivated carbons in capacitors. <i>Tanso</i> , 2013 , 2013, 41-47	0.1	6
110	Lead ion adsorption from aqueous solutions in modified Algerian montmorillonites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012 , 110, 1069-1077	4.1	30
109	On the catalytic oxidation of ascorbic acid at self-doping polyaniline films. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 10271-8	3.6	11
108	Studies on the conducting nanocomposite prepared by polymerization of 2-aminobenzoic acid with aniline from aqueous solutions in montmorillonite. <i>Synthetic Metals</i> , 2012 , 162, 1864-1870	3.6	12
107	A conducting nanocomposite via intercalative polymerisation of 2-methylaniline with aniline in montmorillonite cation-exchanged. <i>Journal of Polymer Research</i> , 2012 , 19, 1	2.7	2
106	Formation and evolution of chemical gradients and potential differences across self-assembling inorganic membranes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4317-21	16.4	44
105	Inside Cover: Formation and Evolution of Chemical Gradients and Potential Differences Across Self-Assembling Inorganic Membranes (Angew. Chem. Int. Ed. 18/2012). <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4242-4242	16.4	
104	Characterization of activated carbon fiber/polyaniline materials by position-resolved microbeam small-angle X-ray scattering. <i>Carbon</i> , 2012 , 50, 1051-1056	10.4	23

103	A comparison between oxidation of activated carbon by electrochemical and chemical treatments. <i>Carbon</i> , 2012 , 50, 1123-1134	10.4	36
102	Investigating the influence of surfactants on the stabilization of aqueous reduced graphene oxide dispersions and the characteristics of their composite films. <i>Carbon</i> , 2012 , 50, 3184-3194	10.4	81
101	Electrochemical performance of carbon gels with variable surface chemistry and physics. <i>Carbon</i> , 2012 , 50, 3324-3332	10.4	42
100	Electrochemical synthesis and spectroelectrochemical characterization of triazole/thiophene conjugated polymers. <i>Electrochimica Acta</i> , 2011 , 58, 215-222	6.7	9
99	Acetic acid decarboxylation by amorphous alloys with low loading of platinum. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 12574-12582	6.7	12
98	The oxidation of ascorbate at copolymeric sulfonated poly(aniline) coated on glassy carbon electrodes. <i>Bioelectrochemistry</i> , 2011 , 80, 105-13	5.6	19
97	Study on electroactive and electrocatalytic surfaces of single walled carbon nanotube-modified electrodes. <i>Electrochimica Acta</i> , 2011 , 56, 2464-2470	6.7	90
96	All electrochemical synthesis of polyaniline/silica sol-gel materials. <i>Electrochimica Acta</i> , 2011 , 56, 3620-3625	6.7	31
95	Homolytic cleavage C-H bond in the electrooxidation of ethanol and bioethanol. <i>Journal of Power Sources</i> , 2011 , 196, 4193-4199	8.9	17
94	Electrochemical Preparation of Nanoparticle Deposits: Application to Membranes and Catalysis 2011 , 395-407		1
93	Electrophoretic Deposition for the Synthesis of Inorganic Membranes 2011 , 381-393		
92	Kinetics of Double-Layer Formation: Influence of Porous Structure and Pore Size Distribution <i>Energy & Fuels</i> , 2010 , 24, 3378-3384	4.1	30
91	Comparison among Chemical, Thermal, and Electrochemical Regeneration of Phenol-Saturated Activated Carbon. <i>Energy & Fuels</i> , 2010 , 24, 3366-3372	4.1	66
90	3D Electrodes from aluminium foams prepared by replication process. <i>Journal of Applied Electrochemistry</i> , 2010 , 40, 241-246	2.6	6
89	Electrochemical oxidation of synthetic tannery wastewater in chloride-free aqueous media. <i>Journal of Hazardous Materials</i> , 2010 , 180, 429-35	12.8	47
88	Measuring cycle efficiency and capacitance of chemically activated carbons in propylene carbonate. <i>Carbon</i> , 2010 , 48, 1451-1456	10.4	35
87	Electrochemical regeneration and porosity recovery of phenol-saturated granular activated carbon in an alkaline medium. <i>Carbon</i> , 2010 , 48, 2734-2745	10.4	87
86	Highly dispersed platinum nanoparticles on carbon nanocoils and their electrocatalytic performance for fuel cell reactions. <i>Electrochimica Acta</i> , 2009 , 54, 2234-2238	6.7	72

85	Electrochemical characterization of SnO ₂ electrodes doped with Ru and Pt. <i>Electrochimica Acta</i> , 2009 , 54, 5230-5238	6.7	72
84	Arsenic species interactions with a porous carbon electrode as determined with an electrochemical quartz crystal microbalance. <i>Electrochimica Acta</i> , 2009 , 54, 3996-4004	6.7	16
83	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. <i>Electrochimica Acta</i> , 2009 , 54, 7048-7055	6.7	86
82	Effect of electrochemical treatments on the surface chemistry of activated carbon. <i>Carbon</i> , 2009 , 47, 1018-1027	10.4	89
81	Hybrid solid electrolyte conducting polymer synthesised by electrochemical insertion: tailoring the capacitance of polyaniline. <i>Journal of Materials Chemistry</i> , 2009 , 19, 305-310		70
80	Fabrication of highly ordered arrays of platinum nanoparticles using direct laser interference patterning. <i>ACS Applied Materials & Interfaces</i> , 2009 , 1, 549-51	9.5	6
79	Solid-phase synthesis of graphitic carbon nanostructures from iron and cobalt gluconates and their utilization as electrocatalyst supports. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 1433-42	3.6	57
78	Origin of the Deactivation of Spinel Cu _x Co _{3-x} O ₄ /Ti Anodes Prepared by Thermal Decomposition. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 16945-16952	3.8	14
77	Cyanide and Phenol Oxidation on Nanostructured Co ₃ O ₄ Electrodes Prepared by Different Methods. <i>Journal of the Electrochemical Society</i> , 2008 , 155, K110	3.9	31
76	Electrochemical Methods to Enhance the Capacitance in Activated Carbon/Polyaniline Composites. <i>Journal of the Electrochemical Society</i> , 2008 , 155, A672	3.9	47
75	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. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 624, 245-250	4.1	20
74	Electrochemical deposition of platinum nanoparticles on different carbon supports and conducting polymers. <i>Journal of Applied Electrochemistry</i> , 2008 , 38, 259-268	2.6	105
73	Ferrocenium strong adsorption on sulfonated polyaniline modified electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 618, 67-73	4.1	10
72	Direct synthesis of graphitic carbon nanostructures from saccharides and their use as electrocatalytic supports. <i>Carbon</i> , 2008 , 46, 931-939	10.4	75
71	Effect of surface chemistry on electrochemical storage of hydrogen in porous carbon materials. <i>Carbon</i> , 2008 , 46, 1053-1059	10.4	75
70	Effect of the intercalated cation on the properties of poly(o-methylaniline)/maghnite clay nanocomposites. <i>European Polymer Journal</i> , 2008 , 44, 1275-1284	5.2	17
69	Zeolite LTA/carbon membranes for air separation. <i>Microporous and Mesoporous Materials</i> , 2008 , 115, 51-60	5.3	13
68	Friendly Conditions Synthesis of Platinum Nanoparticles Supported on a Conducting Polymer: Methanol Electrooxidation. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 12454-12460	3.8	40

67	Synthesis of Graphitic Carbon Nanostructures from Sawdust and Their Application as Electrocatalyst Supports. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 9749-9756	3.8	120
66	Tuning the electroactivity of conductive polymer at physiological pH. <i>Electrochimica Acta</i> , 2007 , 52, 29786-2986	2.7	27
65	Polyaniline/porous carbon electrodes by chemical polymerisation: Effect of carbon surface chemistry. <i>Electrochimica Acta</i> , 2007 , 52, 4962-4968	6.7	53
64	Pt/carbon nanofibers electrocatalysts for fuel cells: Effect of the support oxidizing treatment. <i>Journal of Power Sources</i> , 2007 , 171, 302-309	8.9	63
63	Preparation and characterization of copper-doped cobalt oxide electrodes. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 24021-9	3.4	128
62	Charge transport in luminescent polymers studied by in situ fluorescence spectroscopy. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 5914-9	3.4	26
61	On the polymerization of 2-aminodiphenylamine: An electrochemical and spectroscopic study. <i>Synthetic Metals</i> , 2006 , 156, 51-57	3.6	23
60	Electrochemical behaviour of conducting polymers obtained into clay-catalyst layers. An in situ Raman spectroscopy study. <i>European Polymer Journal</i> , 2006 , 42, 733-739	5.2	31
59	Study of the chemical copolymerization of 2-aminoterephthalic acid and aniline.. <i>European Polymer Journal</i> , 2006 , 42, 1521-1532	5.2	32
58	Chemical and electrochemical characterization of porous carbon materials. <i>Carbon</i> , 2006 , 44, 2642-2651	10.4	190
57	On the vibrational behaviour of cyanide adsorbed at Pt(111) and Pt(100) surfaces in alkaline solutions. <i>Surface Science</i> , 2006 , 600, 1221-1226	1.8	5
56	Study of redox mechanism of poly(o-aminophenol) using in situ techniques: evidence of two redox processes. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 576, 139-145	4.1	80
55	Preparation of silicalite-1 layers on Pt-coated carbon materials: a possible electrochemical approach towards membrane reactors. <i>Microporous and Mesoporous Materials</i> , 2005 , 78, 159-167	5.3	15
54	Synthesis and in situ FTIRS characterization of conducting polymers obtained from aminobenzoic acid isomers at platinum electrodes. <i>European Polymer Journal</i> , 2005 , 41, 843-852	5.2	43
53	Role of surface chemistry on electric double layer capacitance of carbon materials. <i>Carbon</i> , 2005 , 43, 2677-2684	10.4	329
52	Spectroelectrochemical study of the oxidation of diaminophenols on platinum electrodes in acidic medium. <i>Electrochimica Acta</i> , 2005 , 50, 5414-5422	6.7	10
51	Electrochemical Regeneration of Activated Carbon Saturated with Toluene. <i>Journal of Applied Electrochemistry</i> , 2005 , 35, 319-325	2.6	59
50	Evaluation of the Electrocatalytic Activity of Antimony-Doped Tin Dioxide Anodes toward the Oxidation of Phenol in Aqueous Solutions. <i>Journal of the Electrochemical Society</i> , 2005 , 152, B421	3.9	59

49	Spectroelectrochemical study of the oxidation of aminophenols on platinum electrode in acid medium. <i>Journal of Electroanalytical Chemistry</i> , 2004 , 565, 375-383	4.1	122
48	Voltammetric and in situ FTIRS study on CN and $Au(CN)_2$ complexes at the polycrystalline gold surface in citrate medium. <i>Journal of Electroanalytical Chemistry</i> , 2004 , 569, 53-60	4.1	28
47	Preparation and Characterization of Antimony-Doped Tin Dioxide Electrodes. Part 1. Electrochemical Characterization. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 5036-5043	3.4	148
46	Preparation and Characterization of Antimony-Doped Tin Dioxide Electrodes. 3. XPS and SIMS Characterization. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 15976-15981	3.4	105
45	Preparation and Characterization of Antimony-Doped Tin Dioxide Electrodes. Part 2. XRD and EXAFS Characterization. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 5044-5050	3.4	62
44	Platinum particles deposited on synthetic boron-doped diamond surfaces. Application to methanol oxidation. <i>Electrochimica Acta</i> , 2003 , 48, 3891-3897	6.7	99
43	Preparation of thin silicalite-1 layers on carbon materials by electrochemical methods. <i>Microporous and Mesoporous Materials</i> , 2003 , 66, 331-340	5.3	23
42	Electrochemical Behaviour of Benzoic Acid on Platinum and Gold Electrodes. <i>Langmuir</i> , 2003 , 19, 10241-10246	14	
41	Voltammetric analysis of the co-adsorption of cyanide and carbon monoxide on a Pt(1 1 1) surface. <i>Electrochemistry Communications</i> , 2002 , 4, 251-254	5.1	15
40	Electrochemical oxidation of benzoic acid at boron-doped diamond electrodes. <i>Electrochimica Acta</i> , 2002 , 47, 3509-3513	6.7	152
39	Electrochemical study of benzene on Pt of various surface structures in alkaline and acidic solutions. <i>Electrochimica Acta</i> , 2002 , 47, 4399-4406	6.7	31
38	Conducting films obtained by electro-oxidation of p-aminodiphenylamine (ADPA) in the presence of aniline in buffer aqueous solution at pH 5. <i>Journal of Electroanalytical Chemistry</i> , 2002 , 529, 59-65	4.1	18
37	Carbon/ceramic composites from coal tar pitch and clays: application as electrocatalyst support. <i>Carbon</i> , 2002 , 40, 2193-2200	10.4	17
36	Electrochemical behaviour of aqueous SO_2 at polycrystalline gold electrodes in acidic media. A voltammetric and in-situ vibrational study. Part II. Oxidation of SO_2 on bare and sulphur-modified electrodes. <i>Electrochimica Acta</i> , 2001 , 46, 651-659	6.7	38
35	Voltammetric and in situ FTIRS study of the electrochemical oxidation of aniline from aqueous solutions buffered at pH 5. <i>Journal of Electroanalytical Chemistry</i> , 2001 , 501, 186-192	4.1	40
34	Electrochemical behaviour of benzene on platinum electrodes. <i>Electrochimica Acta</i> , 2000 , 45, 4271-4277	6.7	44
33	Electrochemical behaviour of aqueous SO_2 at polycrystalline gold electrodes in acidic media: a voltammetric and in situ vibrational study. <i>Electrochimica Acta</i> , 2000 , 45, 1847-1862	6.7	27
32	Potential modulated reflectance study of the electrooxidation of simple amino acids on Pt(111) in acidic media. <i>Journal of Electroanalytical Chemistry</i> , 2000 , 489, 92-95	4.1	7

31	Adsorbed cyanide reactions at the Pt(100) surface. <i>Journal of Electroanalytical Chemistry</i> , 2000 , 480, 101-105	4.1	4
30	Electropolymerization of Phenol on Carbon Steel and Stainless Steel Electrodes in Carbonate Aqueous Medium. <i>Polymer Journal</i> , 2000 , 32, 623-628	2.7	14
29	Potential modulated reflectance spectroscopy of Pt(111) in acidic and alkaline media: cyanide adsorption. <i>Journal of Electroanalytical Chemistry</i> , 1999 , 463, 109-115	4.1	24
28	The adsorption of methylamine on Pt single crystal surfaces. <i>Journal of Electroanalytical Chemistry</i> , 1999 , 467, 105-111	4.1	12
27	Oxidation of methylamine and ethylamine on Pt single crystal electrodes in acid medium. <i>Journal of Electroanalytical Chemistry</i> , 1999 , 469, 159-169	4.1	21
26	Electrochemical behaviour of amino acids on Pt(hkl). A voltammetric and in situ FTIR study. <i>Journal of Electroanalytical Chemistry</i> , 1999 , 475, 38-45	4.1	29
25	Structural effects of adsorbed CN adlayers on the co-adsorption of OH ⁻ at the Pt(111) surface in sulfuric acid medium. <i>Surface Science</i> , 1999 , 431, L577-L581	1.8	16
24	Catalytic Oxidation of Sulfur Dioxide by Activated Carbon: A Physical Chemistry Experiment. <i>Journal of Chemical Education</i> , 1999 , 76, 958	2.4	15
23	Spectroelectrochemical study on CN ⁻ adsorbed at Pt(111) in sulphuric and perchloric media. <i>Electrochimica Acta</i> , 1998 , 44, 943-948	6.7	26
22	Preparation of conductive carbon-ceramic composites from coal tar pitch and ceramic monoliths. <i>Carbon</i> , 1998 , 36, 1003-1009	10.4	16
21	Characterization and stability of doped SnO ₂ anodes. <i>Journal of Applied Electrochemistry</i> , 1998 , 28, 607-612	6.12	67
20	Electrochemical behaviour of amino acids on Pt(hkl). A voltammetric and in situ FTIR study.. <i>Journal of Electroanalytical Chemistry</i> , 1998 , 445, 155-164	4.1	20
19	A voltammetric and FTIR/ATR study of the electropolymerization of phenol on platinum electrodes in carbonate medium. <i>Journal of Electroanalytical Chemistry</i> , 1998 , 451, 163-171	4.1	90
18	Voltammetric and spectroscopic characterization of cyanide adlayers on Pt(h,k,l) in an acidic medium. <i>Surface Science</i> , 1998 , 396, 400-410	1.8	43
17	Electrochemical behaviour of amino acids on Pt(h,k,l): a voltammetric and in situ FTIR study. Part 1. Glycine on Pt(111). <i>Journal of Electroanalytical Chemistry</i> , 1997 , 421, 179-185	4.1	42
16	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). <i>Journal of Electroanalytical Chemistry</i> , 1997 , 431, 269-275	4.1	30
15	Electrosynthesis of p-Hydroxybenzaldehyde from p-Hydroxymandelic Acid Using a Platinum Electrode. <i>Journal of the Electrochemical Society</i> , 1996 , 143, 3166-3172	3.9	3
14	Electrochemical behaviour of Pt(100), Pt(111) and Pt polycrystalline surfaces in hydrogencarbonate solution. <i>Journal of Electroanalytical Chemistry</i> , 1995 , 380, 47-53	4.1	10

13	Voltammetric and in-situ FTIR spectroscopic study of the oxidation of methanol on Pt(hkl) in alkaline media. <i>Journal of Electroanalytical Chemistry</i> , 1995 , 391, 149-157	4.1	80
12	Electrochemical oxidation of ethanol on Pt(hkl) basal surfaces in NaOH and Na ₂ CO ₃ media. <i>Journal of Power Sources</i> , 1994 , 52, 109-117	8.9	24
11	Formation of CO during adsorption on platinum electrodes of methanol, formaldehyde, ethanol and acetaldehyde in carbonate medium. <i>Journal of Electroanalytical Chemistry</i> , 1994 , 368, 285-291	4.1	26
10	Electrochemical and EMIRS studies of CO and methanol adsorption on a Pt(100) electrode in carbonate solution. <i>Journal of Electroanalytical Chemistry</i> , 1993 , 344, 289-301	4.1	14
9	Voltammetric study of the nature of adsorbed residues arising from irreversible adsorption of acetaldehyde and ethanol on Pt(111) in acid media: first oxidation peak. <i>Journal of Electroanalytical Chemistry</i> , 1993 , 350, 267-277	4.1	10
8	Behaviour of Pt(111) in the presence of the sulphate anions in NaOH solution. <i>Journal of Electroanalytical Chemistry</i> , 1993 , 360, 89-100	4.1	3
7	Electrochemical studies of adsorbed CO on Pt(110) in a carbonate solution: structural surface modification. <i>Surface Science</i> , 1992 , 265, 95-101	1.8	8
6	Adsorption of CO on a Pt(110) surface in a carbonate solution: Voltammetric investigation of the possible (1 10) → (1 11) structural transformation. <i>Surface Science</i> , 1992 , 278, 33-40	1.8	6
5	Electrochemical behaviour of Pt(111) in alkaline media. Effect of specific adsorption of anions. <i>Journal of Electroanalytical Chemistry</i> , 1992 , 334, 323-338	4.1	23
4	Irreversible adsorption of methanol on Pt(110) in carbonate solution. <i>Electrochimica Acta</i> , 1992 , 37, 1883-1886	3.7	30
3	Electrochemical behaviour of Pt(110) in carbonate and bicarbonate solutions. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991 , 316, 263-274		12
2	Electrochemical behaviour of basal single crystal Pt electrodes in alkaline medium. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990 , 288, 217-228		34
1	Combined ozonation process and adsorption onto bentonite natural adsorbent for the o-cresol elimination. <i>International Journal of Environmental Analytical Chemistry</i> , 1-18	1.8	1