

Susana I Cordoba De Torresi

List of Publications by Year in descending order

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211
papers

7,486
citations

44069

48
h-index

79698

73
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214
all docs

214
docs citations

214
times ranked

7592
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal oxides as electrocatalysts for water splitting: On plasmon-driven enhanced activity. <i>Electrochemical Science Advances</i> , 2022, 2, e2100079.	2.8	7
2	SO ₂ electrooxidation reaction on Pt single crystal surfaces in acidic media: Electrochemical and in situ FTIR studies. <i>Electrochimica Acta</i> , 2022, 403, 139601.	5.2	8
3	MnO ₂ Nanowires Decorated with Au Nanoparticles for Plasmon-Enhanced Electrochemical Detection of H ₂ O ₂ . <i>ACS Applied Nano Materials</i> , 2022, 5, 2943-2952.	5.0	6
4	Capacitive electrical stimulation of a conducting polymeric thin film induces human mesenchymal stem cell osteogenesis. <i>Biointerphases</i> , 2022, 17, 011001.	1.6	6
5	Mechanochemical Strategies for the Preparation of SiO ₂ -Supported AgAu Nanoalloy Catalysts. <i>Frontiers in Chemistry</i> , 2022, 10, 836597.	3.6	5
6	Stimuli-Responsive Regulation of Biocatalysis through Metallic Nanoparticle Interaction. <i>Bioconjugate Chemistry</i> , 2022, 33, 53-66.	3.6	7
7	Gold-rhodium nanoflowers for the plasmon enhanced ethanol electrooxidation under visible light for tuning the activity and selectivity. <i>Electrochimica Acta</i> , 2022, 420, 140439.	5.2	8
8	Hierarchically fractal Co with highly exposed active facets and directed electron-transfer effect. <i>Chemical Communications</i> , 2022, 58, 6882-6885.	4.1	5
9	Electroactivity of 3D conducting polymers in water-in-salt electrolyte and their electrochemical capacitor performance. <i>Journal of Electroanalytical Chemistry</i> , 2021, 880, 114822.	3.8	7
10	L-cysteine oxidation on Pt and Au rotating disk electrodes: Insights on mixed controlled kinetics. <i>Journal of Electroanalytical Chemistry</i> , 2021, 880, 114920.	3.8	3
11	Mechanistic Insights into the Light-Driven Catalysis of an Immobilized Lipase on Plasmonic Nanomaterials. <i>ACS Catalysis</i> , 2021, 11, 414-423.	11.2	21
12	Downplaying the role of water in the rheological changes of conducting polymers by using water-in-salt electrolytes. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 12251-12259.	2.8	0
13	Cerium oxide-sulfur nanohybrids: Combining the robust adsorption of polysulfides with enhanced redox kinetics to improve the energy Storage capabilities of Li-S batteries. <i>Electrochimica Acta</i> , 2021, 382, 138284.	5.2	7
14	Electrical Stimulation and Conductive Polymers as a Powerful Toolbox for Tailoring Cell Behaviour in vitro. <i>Frontiers in Medical Technology</i> , 2021, 3, 670274.	2.5	14
15	Assembly of Nano-Biocatalyst for the Tandem Hydrolysis and Reduction of p-Nitrophenol Esters. <i>Particle and Particle Systems Characterization</i> , 2021, 38, 2100136.	2.3	3
16	The importance of the shape of Cu ₂ O nanocrystals on plasmon-enhanced oxygen evolution reaction in alkaline media. <i>Electrochimica Acta</i> , 2021, 390, 138810.	5.2	11
17	Gold-Rhodium Nanoflowers for the Plasmon-Enhanced Hydrogen Evolution Reaction under Visible Light. <i>ACS Catalysis</i> , 2021, 11, 13543-13555.	11.2	36
18	AgAu Hollow Nanoshells on Layered Graphene Oxide and Silica Submicrospheres as Plasmonic Nanozymes for Light-Enhanced Electrochemical H ₂ O ₂ Sensing. <i>ACS Applied Nano Materials</i> , 2021, 4, 12062-12072.	5.0	19

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19	Relation between the nature of the surface facets and the reactivity of Cu ₂ O nanostructures anchored on TiO ₂ NT@PDA electrodes in the photoelectrocatalytic conversion of CO ₂ to methanol. <i>Applied Catalysis B: Environmental</i> , 2020, 261, 118221.	20.2	52
20	Porous Graphene Oxide Films Prepared via the Breath-Figure Method: A Simple Strategy for Switching Access of Redox Species to an Electrode Surface. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55181-55188.	8.0	11
21	Tuning protein delivery from different architectures of layer-by-layer assemblies on polymer films. <i>Materials Advances</i> , 2020, 1, 2043-2056.	5.4	12
22	Influence of Anion Chaotropicity on the SO ₂ Oxidation Reaction: When Spectator Species Determine the Reaction Pathway. <i>ChemElectroChem</i> , 2020, 7, 1804-1804.	3.4	0
23	PdPt-TiO ₂ nanowires: correlating composition, electronic effects and O-vacancies with activities towards water splitting and oxygen reduction. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119177.	20.2	36
24	High-resolution light-activated electrochemistry on amorphous silicon-based photoelectrodes. <i>Chemical Communications</i> , 2020, 56, 7435-7438.	4.1	9
25	Electrochemical quartz crystal microbalance with dissipation investigation of fibronectin adsorption dynamics driven by electrical stimulation onto a conducting and partially biodegradable copolymer. <i>Biointerphases</i> , 2020, 15, 021003.	1.6	10
26	Visible light plasmon excitation of silver nanoparticles against antibiotic-resistant <i>Pseudomonas aeruginosa</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101908.	2.6	19
27	Influence of Anion Chaotropicity on the SO ₂ Oxidation Reaction: When Spectator Species Determine the Reaction Pathway. <i>ChemElectroChem</i> , 2020, 7, 1843-1850.	3.4	8
28	Spatially localized electrodeposition of multiple metals <i>via</i> light-activated electrochemistry for surface enhanced Raman spectroscopy applications. <i>Chemical Communications</i> , 2020, 56, 5831-5834.	4.1	3
29	An Overview on the Development of Electrochemical Capacitors and Batteries – Part I. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20200796.	0.8	5
30	Synthesis of highly dispersed gold nanoparticles on Al ₂ O ₃ , SiO ₂ , and TiO ₂ for the solvent-free oxidation of benzyl alcohol under low metal loadings. <i>Journal of Materials Science</i> , 2019, 54, 238-251.	3.7	34
31	Controlling Gold Electrodeposition on Porous Polymeric Templates Produced by the Breath-Figure Method: Fabrication of SERS-Active Surfaces. <i>ChemPlusChem</i> , 2019, 84, 1052-1059.	2.8	7
32	Opportunities and Knowledge Gaps of SO ₂ Electrocatalytic Oxidation for H ₂ Electrochemical Generation. <i>ACS Catalysis</i> , 2019, 9, 8136-8143.	11.2	22
33	QCM-D study of electrochemical synthesis of 3D polypyrrole thin films for negative electrodes in supercapacitors. <i>Electrochimica Acta</i> , 2019, 324, 134887.	5.2	6
34	In situ FTIR insights into the electrooxidation mechanism of glucose as a function of the surface facets of Cu ₂ O-based electrocatalytic sensors. <i>Journal of Catalysis</i> , 2019, 375, 95-103.	6.2	33
35	Advances in Conducting, Biodegradable and Biocompatible Copolymers for Biomedical Applications. <i>Frontiers in Materials</i> , 2019, 6, .	2.4	42
36	The effect of nanoscale surface electrical properties of partially biodegradable PEDOT-co-PDLLA conducting polymers on protein adhesion investigated by atomic force microscopy. <i>Materials Science and Engineering C</i> , 2019, 99, 468-478.	7.3	13

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37	Mechanism of Electrochemical L-Cysteine Oxidation on Pt. ChemElectroChem, 2019, 6, 1009-1013.	3.4	7
38	L-Cysteine oxidation studied by rotating ring disk electrodes: Verification of reaction intermediates. Journal of Electroanalytical Chemistry, 2018, 817, 18-23.	3.8	4
39	Sub-15 nm CeO ₂ nanowires as an efficient non-noble metal catalyst in the room-temperature oxidation of aniline. Catalysis Science and Technology, 2018, 8, 1828-1839.	4.1	39
40	Influence of the Electrode and Chaotropicity of the Electrolyte on the Oscillatory Behavior of the Electrocatalytic Oxidation of SO ₂ . Journal of Physical Chemistry C, 2018, 122, 1243-1247.	3.1	11
41	Design considerations for ionic liquid based electrochemical double layer capacitors. Electrochimica Acta, 2018, 270, 453-460.	5.2	18
42	One pot biocatalytic synthesis of a biodegradable electroactive macromonomer based on 3,4-ethylenedioxythiophene and poly(L-lactic acid). Materials Science and Engineering C, 2018, 83, 35-43.	7.3	21
43	Viologen-functionalized poly(ionic liquids): Spectroelectrochemical and QCM-D studies. Journal of Electroanalytical Chemistry, 2018, 819, 365-373.	3.8	8
44	Template conversion of MoO ₃ to MoS ₂ nanoribbons: synthesis and electrochemical properties. RSC Advances, 2018, 8, 30346-30353.	3.6	13
45	Novel Conducting and Biodegradable Copolymers with Noncytotoxic Properties toward Embryonic Stem Cells. ACS Omega, 2018, 3, 5593-5604.	3.5	30
46	Polymeric binuclear ruthenium complex as efficient electrocatalyst for oxygen evolution reaction. Electrochimica Acta, 2018, 283, 18-26.	5.2	12
47	The long and successful journey of electrochemically active amino acids. From fundamental adsorption studies to potential surface engineering tools.. Anais Da Academia Brasileira De Ciencias, 2018, 90, 607-630.	0.8	21
48	Use of poly[ionic liquid] as a conductive binder in lithium ion batteries. Journal of Solid State Electrochemistry, 2018, 22, 3589-3596.	2.5	11
49	Why Could the Nature of Surface Facets Lead to Differences in the Activity and Stability of Cu ₂ O-Based Electrocatalytic Sensors?. ACS Catalysis, 2018, 8, 6265-6272.	11.2	49
50	Kinetics, Assembling, and Conformation Control of L-Cysteine Adsorption on Pt Investigated by in situ FTIR Spectroscopy and QCM-D. ChemPhysChem, 2018, 19, 2340-2348.	2.1	13
51	L-Cysteine electrooxidation in alkaline and acidic media: a combined spectroelectrochemical and computational study. RSC Advances, 2017, 7, 7492-7501.	3.6	26
52	Conducting polymers revisited: applications in energy, electrochromism and molecular recognition. Journal of Solid State Electrochemistry, 2017, 21, 2489-2515.	2.5	68
53	Three-dimensional graphene/carbon nanotubes hybrid composites for exploring interaction between glucose oxidase and carbon based electrodes. Journal of Electroanalytical Chemistry, 2016, 775, 235-242.	3.8	21
54	Investigation of the electrochemical behavior of L-cysteine in acidic media. Journal of Electroanalytical Chemistry, 2016, 765, 87-91.	3.8	10

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55	Electrochemical template synthesis of adherent polyaniline thin films with tubular structure. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 983-991.	2.5	5
56	Electrochromic behavior of WO ₃ nanoplate thin films in acid aqueous solution and a protic ionic liquid. <i>Journal of Electroanalytical Chemistry</i> , 2016, 765, 111-117.	3.8	21
57	Porous Polymeric Templates on ITO Prepared by Breath Figure Method for Gold Electrodeposition. <i>Electrochimica Acta</i> , 2015, 158, 187-195.	5.2	15
58	Biocompatible xanthan/polypyrrole scaffolds for tissue engineering. <i>Materials Science and Engineering C</i> , 2015, 52, 121-128.	7.3	56
59	Performance improvement of macroporous polypyrrole sensor for detection of ammonia by incorporation of magnetite nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2015, 213, 444-451.	7.8	31
60	All solid-state electrochromic device consisting of a water soluble viologen dissolved in gelatin-based ionogel. <i>Solar Energy Materials and Solar Cells</i> , 2015, 132, 101-106.	6.2	32
61	SYNTHESIS AND CHARACTERIZATION OF MACROPOROUS ORGANIC-INORGANIC COMPOSITES FOR H ₂ O ₂ SENSING. <i>Quimica Nova</i> , 2015, , .	0.3	0
62	QCM-D studies of polypyrrole influence on structure stabilization of $\hat{\Gamma}^2$ phase of Ni(OH) ₂ nanoparticles during electrochemical cycling. <i>Electrochemistry Communications</i> , 2014, 48, 164-168.	4.7	4
63	From a planar electrode to a random assembly of microelectrodes: A new approach based on the electrochemical reduction of 5-bromo-1,10-phenanthroline at gold electrodes. <i>Electrochemistry Communications</i> , 2014, 38, 32-35.	4.7	7
64	Physicochemical Properties of Three Ionic Liquids Containing a Tetracyanoborate Anion and Their Lithium Salt Mixtures. <i>Journal of Physical Chemistry B</i> , 2014, 118, 8772-8781.	2.6	34
65	Fully conducting hydro-sponges with electro-swelling properties tuned by synthetic parameters. <i>Electrochimica Acta</i> , 2013, 101, 216-224.	5.2	20
66	Ni(ii)-modified solid substrates as a platform to adsorb His-tag proteins. <i>Journal of Materials Chemistry B</i> , 2013, 1, 4921.	5.8	16
67	On the application of nanostructured electrodes prepared by Ti/TiO ₂ /WO ₃ "template" A case study of removing toxicity of indigo using visible irradiation. <i>Chemosphere</i> , 2013, 91, 586-593.	8.2	42
68	Controlling hydrophilicity and electrocatalytic properties of metallic hexacyanoferrates/conducting polymers hybrids for the detection of H ₂ O ₂ . <i>Electrochimica Acta</i> , 2013, 110, 459-464.	5.2	5
69	Electrophoretic deposition of Au@PEDOT nanoparticles towards the construction of high-performance electrochromic electrodes. <i>Solar Energy Materials and Solar Cells</i> , 2013, 118, 72-80.	6.2	28
70	Rheological Changes and Kinetics of Water Uptake by Poly(ionic liquid)-Based Thin Films. <i>Langmuir</i> , 2013, 29, 15589-15595.	3.5	20
71	Lithium intercalation in nanostructured thin films of a mixed-valence layered vanadium oxide using an ionic liquid electrolyte. <i>Journal of Power Sources</i> , 2013, 224, 72-79.	7.8	11
72	Correlation between pore size and reactivity of macro/mesoporous iron and copper hexacyanoferrates for H ₂ O ₂ electrocatalysis. <i>Journal of Electroanalytical Chemistry</i> , 2013, 706, 48-54.	3.8	8

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73	In search of an appropriate ionic liquid as electrolyte for macroporous manganese oxide film electrochemistry. <i>Journal of Power Sources</i> , 2013, 239, 1-8.	7.8	14
74	Kinetic and Thermodynamic Studies on the Adsorption of Reactive Red 239 by Carra Sawdust Treated with Formaldehyde. <i>Adsorption Science and Technology</i> , 2012, 30, 881-899.	3.2	7
75	Evaluating the performance of polypyrrole nanowires on the electrochemical sensing of ammonia in solution. <i>Journal of Electroanalytical Chemistry</i> , 2012, 669, 90-94.	3.8	26
76	Electrochromic Properties of a Metallo-supramolecular Polymer Derived from Tetra(2-pyridyl-1,4-pyrazine) Ligands Integrated in Thin Multilayer Films. <i>Langmuir</i> , 2012, 28, 3332-3337.	3.5	8
77	Improving the performance of a glucose biosensor using an ionic liquid for enzyme immobilization. On the chemical interaction between the biomolecule, the ionic liquid and the cross-linking agent. <i>Electrochimica Acta</i> , 2012, 73, 123-128.	5.2	14
78	Stabilization of polyaniline by the incorporation of magnetite nanoparticles. <i>Materials Chemistry and Physics</i> , 2012, 132, 529-533.	4.0	12
79	Zero-Order Release Profiles from A Multistimuli Responsive Electro-Conductive Hydrogel. <i>Journal of Biomaterials and Nanobiotechnology</i> , 2012, 03, 262-268.	0.5	16
80	Sociedade, divulgaÃ§Ã£o cientÃ­fica e jornalismo cientÃ­fico. <i>Quimica Nova</i> , 2012, 35, 447-447.	0.3	2
81	DiÃ¡logos da sociedade sobre a biodiversidade brasileira na Rio+20. <i>Quimica Nova</i> , 2012, 35, 1073-1074.	0.3	0
82	O que esperamos das revistas da SBQ?. <i>Quimica Nova</i> , 2012, 35, 233-234.	0.3	0
83	Micro/nanostructured carbon composite modified with a hybrid redox mediator and enzymes as a glucose biosensor. <i>Carbon</i> , 2011, 49, 3039-3047.	10.3	22
84	Ão plÃ¡gio: e daÃ?. <i>Quimica Nova</i> , 2011, 34, 371-371.	0.3	1
85	PaÃ­as emergente em ciÃªncia. <i>Quimica Nova</i> , 2011, 34, 179-180.	0.3	0
86	Evidence of redox interactions between polypyrrole and Fe ₃ O ₄ in polypyrrole-Fe ₃ O ₄ composite films. <i>Electrochimica Acta</i> , 2010, 55, 6116-6122.	5.2	30
87	Platinum nanoparticle-modified electrodes, morphologic, and electrochemical studies concerning electroactive materials deposition. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 675-679.	2.5	10
88	Chemical modification of a nanocrystalline TiO ₂ film for efficient electric connection of glucose oxidase. <i>Journal of Colloid and Interface Science</i> , 2010, 346, 442-447.	9.4	16
89	On the pH dependence of electroactivity of poly(methylene blue) films. <i>Electrochimica Acta</i> , 2010, 55, 1766-1771.	5.2	31
90	Structure effects of self-assembled Prussian blue confined in highly organized mesoporous TiO ₂ on the electrocatalytic properties towards H ₂ O ₂ detection. <i>Biosensors and Bioelectronics</i> , 2010, 26, 890-893.	10.1	25

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91	Macroporous MnO ₂ electrodes obtained by template assisted electrodeposition for electrochemical capacitors. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1704-1709.	0.6	14
92	Eletrodos modificados por hidróxido de níquel: um estudo de revisão sobre suas propriedades estruturais e eletroquímicas visando suas aplicações em eletrocatalise, electrocromismo e baterias secundárias. <i>Quimica Nova</i> , 2010, 33, 2176-2186.	0.3	40
93	Ether-Bond-Containing Ionic Liquids and the Relevance of the Ether Bond Position to Transport Properties. <i>Journal of Physical Chemistry B</i> , 2010, 114, 12488-12494.	2.6	83
94	Homenagem da sociedade Brasileira de química ao professor Hans Viertler. <i>Quimica Nova</i> , 2010, 33, 2013-2013.	0.3	0
95	Há futuro para as revistas das sociedades científicas?. <i>Quimica Nova</i> , 2010, 33, 243-243.	0.3	1
96	Urea amperometric biosensors based on a multifunctional bipolymeric layer: Comparing enzyme immobilization methods. <i>Sensors and Actuators B: Chemical</i> , 2009, 137, 476-482.	7.8	25
97	Nickel hydroxide electrodes as amperometric detectors for carbohydrates in flow injection analysis and liquid chromatography. <i>Journal of Electroanalytical Chemistry</i> , 2009, 636, 18-23.	3.8	62
98	Electrostatic layer-by-layer and electrophoretic depositions as methods for electrochromic nanoparticle immobilization. <i>Electrochimica Acta</i> , 2009, 54, 2800-2804.	5.2	44
99	Synthesis and characterization of stable Co and Cd doped nickel hydroxide nanoparticles for electrochemical applications. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 35-40.	8.2	63
100	V ₂ O ₅ nanoparticles obtained from a synthetic barandite-like vanadium oxide: Synthesis, characterization and electrochemical behavior in an ionic liquid. <i>Journal of Colloid and Interface Science</i> , 2009, 337, 586-593.	9.4	63
101	Structural parameters of polyacrylamide hydrogels obtained by the Equilibrium Swelling Theory. <i>European Polymer Journal</i> , 2009, 45, 1232-1238.	5.4	49
102	Nitric oxide sensing by cytochrome c bonded to a conducting polymer modified glassy carbon electrode. <i>Synthetic Metals</i> , 2009, 159, 2159-2161.	3.9	8
103	Nanostructured thin films obtained by electrodeposition over a colloidal crystal template: applications in electrochemical devices. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 663-673.	0.6	14
104	Química e uma ciência em expansão. <i>Quimica Nova</i> , 2009, 32, 1987-1987.	0.3	0
105	Polymeric electro-mechanic devices applied to antibiotic-controlled release. <i>Sensors and Actuators B: Chemical</i> , 2008, 130, 638-644.	7.8	21
106	Electrochemical oxidation of glycine by doped nickel hydroxide modified electrode. <i>Sensors and Actuators B: Chemical</i> , 2008, 135, 245-249.	7.8	60
107	Copper hexacyanoferrate nanoparticles modified electrodes: A versatile tool for biosensors. <i>Journal of Electroanalytical Chemistry</i> , 2008, 622, 219-224.	3.8	58
108	Characterization of anodic silicon oxide films grown in room temperature ionic liquids. <i>Electrochimica Acta</i> , 2008, 53, 7396-7402.	5.2	4

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109	Electrocatalytic oxidation of urea by nanostructured nickel/cobalt hydroxide electrodes. <i>Electrochimica Acta</i> , 2008, 53, 4030-4034.	5.2	167
110	On the stabilization of conducting pernigraniline salt by the synthesis and oxidation of polyaniline in hydrophobic ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 1457.	2.8	48
111	Electrostatic Layer-by-Layer Deposition and Electrochemical Characterization of Thin Films Composed of MnO ₂ Nanoparticles in a Room-Temperature Ionic Liquid. <i>Langmuir</i> , 2008, 24, 3602-3610.	3.5	43
112	Investigation of the Electrical and Electrochemical Properties of Nanocomposites from V ₂ O ₅ , Polypyrrole, and Polyaniline. <i>Journal of Physical Chemistry C</i> , 2008, 112, 2202-2209.	3.1	50
113	Immobilization of Catalysts of Biological Interest on Porous Oxidized Silicon Surfaces. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 3570-3576.	0.9	7
114	Nanochromics: old materials, new structures and architectures for high performance devices. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1248-1257.	0.6	28
115	Spectroscopic characterization and investigation of the dynamic of charge compensation process of supramolecular films derived from tetra-2-pyridyl-1,4-pyrazine ligand. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 651-659.	0.6	10
116	Atividade nas publicações científicas. <i>Química Nova</i> , 2008, 31, 197-197.	0.3	3
117	Biomassa renovável e o futuro da indústria química. <i>Química Nova</i> , 2008, 31, 1923-1923.	0.3	3
118	Conducting polymer- hydrogel blends for electrochemically controlled drug release devices. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 630-636.	0.6	37
119	Novidades em QN. <i>Química Nova</i> , 2008, 31, 1607-1607.	0.3	0
120	Mixed Ni/Co Hydroxide Nanoparticles Synthesized by Sonochemical Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3221-3226.	0.9	33
121	Electrodeposition of a Nanostructured Hybrid Copper Hexacyanoferrate/Polypyrrole Film Using Lyotropic Liquid Crystals and Colloidal Particles Templates. Application to H ₂ O ₂ Detection. <i>ECS Transactions</i> , 2007, 11, 7-19.	0.5	0
122	Synthesis and Characterization of Copper Hexacyanoferrate Nanoparticles for Building Up Long-Term Stability Electrochromic Electrodes. <i>Langmuir</i> , 2007, 23, 6796-6800.	3.5	90
123	A importância das revistas <i>Química Nova</i> e <i>Journal of the Brazilian Chemical Society</i> no crescimento da área de química no Brasil. <i>Química Nova</i> , 2007, 30, 1491-1497.	0.3	2
124	Electrochemical and morphological stabilization of V ₂ O ₅ nanofibers by the addition of polyaniline. <i>Electrochimica Acta</i> , 2007, 52, 4419-4427.	5.2	69
125	Spectroelectrochemical study of a soluble derivative of poly(aniline) in a room temperature ionic liquid. <i>Electrochimica Acta</i> , 2007, 53, 1217-1224.	5.2	14
126	Accelerating rate calorimetry studies of the reactions between ionic liquids and charged lithium ion battery electrode materials. <i>Electrochimica Acta</i> , 2007, 52, 6346-6352.	5.2	183

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127	Influence of Ni doping on vanadium oxide/hexadecylamine multiwall nanotubes. <i>Physica B: Condensed Matter</i> , 2007, 398, 333-336.	2.7	8
128	Polyaniline/poly(methylmethacrylate) blends for corrosion protection: The effect of passivating dopants on different metals. <i>Progress in Organic Coatings</i> , 2007, 58, 33-39.	3.9	68
129	Synthesis and characterization of two ionic liquids with emphasis on their chemical stability towards metallic lithium. <i>Electrochimica Acta</i> , 2007, 52, 6427-6437.	5.2	160
130	Polypyrrole/copper hexacyanoferrate hybrid as redox mediator for glucose biosensors. <i>Talanta</i> , 2006, 69, 403-408.	5.5	78
131	Sonochemically synthesized Ni(OH) ₂ and Co(OH) ₂ nanoparticles and their application in electrochromic electrodes. <i>Electrochemistry Communications</i> , 2006, 8, 554-560.	4.7	72
132	Design of molecular wires based on supramolecular structures for application in glucose biosensors. <i>Biosensors and Bioelectronics</i> , 2006, 22, 298-305.	10.1	28
133	Identification of charge carriers in the conduction mechanism of an alternated copolymer of poly(aniline) and poly(phenylene sulfide). <i>Polymer</i> , 2006, 47, 1259-1266.	3.8	5
134	Redox behavior of nanohybrid material with defined morphology: Vanadium oxide nanotubes intercalated with polyaniline. <i>Journal of Power Sources</i> , 2006, 156, 533-540.	7.8	42
135	Hybrid nickel hexacyanoferrate/polypyrrole composite as mediator for hydrogen peroxide detection and its application in oxidase-based biosensors. <i>Journal of Electroanalytical Chemistry</i> , 2005, 581, 31-37.	3.8	82
136	Conducting polymer-hydrogel composites for electrochemical release devices: Synthesis and characterization of semi-interpenetrating polyaniline-polyacrylamide networks. <i>Electrochemistry Communications</i> , 2005, 7, 717-723.	4.7	159
137	Galvanic coupling between metal substrate and polyaniline acrylic blends: corrosion protection mechanism. <i>Electrochimica Acta</i> , 2005, 50, 2213-2218.	5.2	83
138	Electrochemical and kinetic studies of lithium intercalation in composite nanofibers of vanadium oxide/polyaniline. <i>Electrochimica Acta</i> , 2005, 50, 5009-5014.	5.2	43
139	Improvement of thermal stability of an organic-aqueous gel electrolyte for bismuth electrodeposition devices. <i>Solar Energy Materials and Solar Cells</i> , 2005, 85, 489-497.	6.2	6
140	Characterization of conducting polyaniline blends by Resonance Raman Spectroscopy. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 322-327.	0.6	31
141	A highly efficient redox chromophore for simultaneous application in a photoelectrochemical dye sensitized solar cell and electrochromic devices. <i>New Journal of Chemistry</i> , 2005, 29, 320-324.	2.8	37
142	Mechanism of Action of Corrosion Protection Coating for AA2024-T3 Based on Poly(aniline)-Poly(methylmethacrylate) Blend. <i>Journal of the Electrochemical Society</i> , 2005, 152, B45.	2.9	47
143	Polyaniline acrylic coatings for corrosion inhibition: the role played by counter-ions. <i>Corrosion Science</i> , 2005, 47, 811-822.	6.6	142
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