

# Roberto Manuel Torresi

## 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.

192  
papers

5,417  
citations

42  
h-index

63  
g-index

202  
ext. papers

5,846  
ext. citations

4.5  
avg, IF

5.72  
L-index

#	Paper	IF	Citations
192	Oxygen electroreduction on small (. <i>Electrochimica Acta</i> , <b>2022</b> , 403, 139631	6.7	0
191	Surface and Volumetric Phenomena on Polyaniline-Supported Electrocatalysts. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 26073-26083	3.8	
190	Suppressing early capacitance fade of electrochemical capacitors with water-in-salt electrolytes. <i>Electrochimica Acta</i> , <b>2021</b> , 372, 137854	6.7	2
189	One-Step synthesis of PtFe/CeO <sub>2</sub> catalyst for the Co-Preferential oxidation reaction at low temperatures. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 17751-17762	6.7	4
188	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> , <b>2021</b> , 382, 138284	6.7	2
187	Bringing Earth-Abundant Plasmonic Catalysis to Light: Gram-Scale Mechanochemical Synthesis and Tuning of Activity by Dual Excitation of Antenna and Reactor Sites. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 9750-9760	8.3	2
186	Small (. <i>ChemElectroChem</i> , <b>2021</b> , 8, 49-52	4.3	5
185	Electroactivity of 3D conducting polymers in water-in-salt electrolyte and their electrochemical capacitor performance. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 880, 114822	4.1	2
184	Downplaying the role of water in the rheological changes of conducting polymers by using water-in-salt electrolytes. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 12251-12259	3.6	
183	Formic acid electrooxidation on small, {1 0 0} structured, and Pd decorated carbon-supported Pt nanoparticles. <i>Journal of Catalysis</i> , <b>2021</b> , 400, 140-147	7.3	2
182	Mechanochemical optimization of ZIF-8/Carbon/S8 composites for lithium-sulfur batteries positive electrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 896, 115459	4.1	1
181	Titanium- and niobium-doped fluorophosphates as positive electrodes for sodium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 897, 115595	4.1	1
180	In situ-formed nitrogen-doped carbon/silicon-based materials as negative electrodes for lithium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 115732	4.1	0
179	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> , <b>2020</b> , 15, 021003	1.8	6
178	Enhanced Energy Storage of Fe <sub>3</sub> O <sub>4</sub> Nanoparticles Embedded in N-Doped Graphene. <i>ChemElectroChem</i> , <b>2020</b> , 7, 1456-1464	4.3	5
177	Water-in-salt electrolytes for high voltage aqueous electrochemical energy storage devices. <i>Current Opinion in Electrochemistry</i> , <b>2020</b> , 21, 62-68	7.2	24
176	An Overview on the Development of Electrochemical Capacitors and Batteries - Part I. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2020</b> , 92, e20200796	1.4	4

175	An Overview on the Development of Electrochemical Capacitors and Batteries - part II. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2020</b> , 92, e20200800	1.4	3
174	Electrochemistry of sodium titanate nanotubes as a negative electrode for sodium-ion batteries. <i>Electrochimica Acta</i> , <b>2020</b> , 331, 135422	6.7	12
173	Tuning protein delivery from different architectures of layer-by-layer assemblies on polymer films. <i>Materials Advances</i> , <b>2020</b> , 1, 2043-2056	3.3	5
172	Tandem X-ray absorption spectroscopy and scattering for in situ time-resolved monitoring of gold nanoparticle mechanosynthesis. <i>Chemical Communications</i> , <b>2020</b> , 56, 10329-10332	5.8	13
171	Challenges and opportunities in the bottom-up mechanochemical synthesis of noble metal nanoparticles. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 16114-16141	13	60
170	Investigating the role of reducing agents on mechanosynthesis of Au nanoparticles. <i>CrystEngComm</i> , <b>2020</b> , 22, 6261-6267	3.3	12
169	Producing high-performing silicon anodes by tailoring ionic liquids as electrolytes. <i>Energy Storage Materials</i> , <b>2020</b> , 25, 477-486	19.4	16
168	QCM-D study of electrochemical synthesis of 3D polypyrrole thin films for negative electrodes in supercapacitors. <i>Electrochimica Acta</i> , <b>2019</b> , 324, 134887	6.7	4
167	Aging effect on vanadium oxide hybrid nanotubes. <i>Journal of Physics Condensed Matter</i> , <b>2019</b> , 31, 505701.8		0
166	Effect of the LLTO nanoparticles on the conducting properties of PEO-based solid electrolyte. <i>Solid State Sciences</i> , <b>2019</b> , 88, 41-47	3.4	8
165	Improved Performance of Ionic Liquid Supercapacitors by using Tetracyanoborate Anions. <i>ChemElectroChem</i> , <b>2018</b> , 5, 598-604	4.3	24
164	Design considerations for ionic liquid based electrochemical double layer capacitors. <i>Electrochimica Acta</i> , <b>2018</b> , 270, 453-460	6.7	13
163	Ionic liquids in electrochemical energy storage. <i>Current Opinion in Electrochemistry</i> , <b>2018</b> , 9, 26-32	7.2	46
162	Use of poly[ionic liquid] as a conductive binder in lithium ion batteries. <i>Journal of Solid State Electrochemistry</i> , <b>2018</b> , 22, 3589-3596	2.6	8
161	Kinetics, Assembling, and Conformation Control of L-Cysteine Adsorption on Pt Investigated by in situ FTIR Spectroscopy and QCM-D. <i>ChemPhysChem</i> , <b>2018</b> , 19, 2340-2348	3.2	8
160	Nanocomposites from V2O5 and Lithium-Ion Batteries <b>2018</b> , 223-249		1
159	Influence of glycine on Co electrodeposition: IR spectroscopy and near-surface pH investigations. <i>Electrochimica Acta</i> , <b>2018</b> , 260, 762-771	6.7	11
158	Viologen-functionalized poly(ionic liquids): Spectroelectrochemical and QCM-D studies. <i>Journal of Electroanalytical Chemistry</i> , <b>2018</b> , 819, 365-373	4.1	7

157	Probe effects on concentration profiles in the diffusion layer: Computational modeling and near-surface pH measurements using microelectrodes. <i>Electrochimica Acta</i> , <b>2018</b> , 292, 511-521	6.7	11
156	Template conversion of MoO <sub>3</sub> to MoS <sub>2</sub> nanoribbons: synthesis and electrochemical properties. <i>RSC Advances</i> , <b>2018</b> , 8, 30346-30353	3.7	9
155	Piezoelectric immunochip coated with thin films of bacterial cellulose nanocrystals for dengue detection. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 92, 47-53	11.8	61
154	Conducting polymers revisited: applications in energy, electrochromism and molecular recognition. <i>Journal of Solid State Electrochemistry</i> , <b>2017</b> , 21, 2489-2515	2.6	52
153	Ionic liquids containing tricyanomethanide anions: physicochemical characterisation and performance as electrochemical double-layer capacitor electrolytes. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 16867-16874	3.6	19
152	Using Polymeric Ionic Liquids as an Active Binder in Supercapacitors. <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, A3253-A3258	3.9	4
151	A Comparison among Viscosity, Density, Conductivity, and Electrochemical Windows of N-n-Butyl-N-methylpyrrolidinium and Triethyl-n-pentylphosphonium Bis(fluorosulfonyl imide) Ionic Liquids and Their Analogues Containing Bis(trifluoromethylsulfonyl) Imide Anion. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 3437-3444	2.8	29
150	Electrochemical template synthesis of adherent polyaniline thin films with tubular structure. <i>Journal of Solid State Electrochemistry</i> , <b>2016</b> , 20, 983-991	2.6	4
149	Electrochromic behavior of WO <sub>3</sub> nanoplate thin films in acid aqueous solution and a protic ionic liquid. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 765, 111-117	4.1	16
148	Two phosphonium ionic liquids with high Li(+) transport number. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 23041-51	3.6	34
147	Ionic Liquids Containing Sulfonium Cations as Electrolytes for Electrochemical Double Layer Capacitors. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 23865-23874	3.8	43
146	Comparative electrochemical performance of electrodeposited polypyrrole in protic and aprotic ionic liquids. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 737, 23-29	4.1	10
145	All solid-state electrochromic device consisting of a water soluble viologen dissolved in gelatin-based ionogel. <i>Solar Energy Materials and Solar Cells</i> , <b>2015</b> , 132, 101-106	6.4	27
144	Probing the local environment of hybrid materials designed from ionic liquids and synthetic clay by Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 122, 469-75	4.4	16
143	Electrochemical properties of poly(3,4-ethylenedioxythiophene) grown on Pt(111) in imidazolium ionic liquids. <i>RSC Advances</i> , <b>2014</b> , 4, 3383-3391	3.7	23
142	One-Step Synthesis, Characterization, and Properties of Emeraldine Salt Nanofibers Containing Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 4267-4274	3.8	21
141	Physicochemical properties of three ionic liquids containing a tetracyanoborate anion and their lithium salt mixtures. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 8772-81	3.4	30
140	QCM-D studies of polypyrrole influence on structure stabilization of $\beta$ phase of Ni(OH) <sub>2</sub> nanoparticles during electrochemical cycling. <i>Electrochemistry Communications</i> , <b>2014</b> , 48, 164-168	5.1	4

139	Ni(II)-modified solid substrates as a platform to adsorb His-tag proteins. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 4921-4931	7.3	14
138	Ether-Bond-Containing Ionic Liquids as Supercapacitor Electrolytes. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 2970-2974	6.4	53
137	Electrochemistry of copper in ionic liquids with different coordinating properties. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 14177	13	11
136	Convective mass transport in ionic liquids studied by electrochemical and electrohydrodynamic impedance spectroscopy. <i>Electrochimica Acta</i> , <b>2013</b> , 93, 32-43	6.7	9
135	Rheological changes and kinetics of water uptake by poly(ionic liquid)-based thin films. <i>Langmuir</i> , <b>2013</b> , 29, 15589-95	4	18
134	Lithium intercalation in nanostructured thin films of a mixed-valence layered vanadium oxide using an ionic liquid electrolyte. <i>Journal of Power Sources</i> , <b>2013</b> , 224, 72-79	8.9	10
133	Nanocomposites from V <sub>2</sub> O <sub>5</sub> and Lithium Ion Batteries <b>2013</b> , 153-177		
132	In search of an appropriate ionic liquid as electrolyte for macroporous manganese oxide film electrochemistry. <i>Journal of Power Sources</i> , <b>2013</b> , 239, 1-8	8.9	10
131	Influence of the water content on the structure and physicochemical properties of an ionic liquid and its Li <sup>+</sup> mixture. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 8782-92	3.4	35
130	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> , <b>2012</b> , 73, 123-128	6.7	10
129	Optimizing the Bioaffinity Interaction between His-Tag Proteins and Ni(II) Surface Sites. <i>ACS Symposium Series</i> , <b>2012</b> , 37-53	0.4	1
128	An EQCM-D study of the influence of chloride on the lead anodic oxidation. <i>Electrochimica Acta</i> , <b>2012</b> , 78, 347-352	6.7	7
127	Thermal stability and the magnetic properties of hybrid vanadium oxide-tetradecylamine nanotubes. <i>Journal of Applied Physics</i> , <b>2012</b> , 112, 053912	2.5	5
126	Electrochromic properties of a metallo-supramolecular polymer derived from tetra(2-pyridyl-1,4-pyrazine) ligands integrated in thin multilayer films. <i>Langmuir</i> , <b>2012</b> , 28, 3332-7	4	7
125	The local environment of Co <sup>2+</sup> ions intercalated in vanadium oxide/hexadecylamine nanotubes. <i>Journal of Physics Condensed Matter</i> , <b>2012</b> , 24, 435302	1.8	1
124	Kinetic and Thermodynamic Studies on the Adsorption of Reactive Red 239 by Carra Sawdust Treated with Formaldehyde. <i>Adsorption Science and Technology</i> , <b>2012</b> , 30, 881-899	3.6	7
123	Strong reduction of V <sup>4+</sup> amount in vanadium oxide/hexadecylamine nanotubes by doping with Co <sup>2+</sup> and Ni <sup>2+</sup> ions: Electron paramagnetic resonance and magnetic studies. <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 093914	2.5	8
122	Effect of SO <sub>2</sub> on the transport properties of an imidazolium ionic liquid and its lithium solution. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 9662-70	3.4	16

121	Macroporous MnO <sub>2</sub> electrodes obtained by template assisted electrodeposition for electrochemical capacitors. <i>Journal of the Brazilian Chemical Society</i> , <b>2010</b> , 21, 1704-1709	1.5	10
120	Eletrodos modificados por hidrídido 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> , <b>2010</b> , 33, 2176-2186	1.6	28
119	Ether-bond-containing ionic liquids and the relevance of the ether bond position to transport properties. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 12488-94	3.4	75
118	Electrostatic and hydrophobic interactions involved in CNT biofunctionalization with short ss-DNA. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 4459-4465	3.8	14
117	Evidence of redox interactions between polypyrrole and Fe <sub>3</sub> O <sub>4</sub> in polypyrrole/Fe <sub>3</sub> O <sub>4</sub> composite films. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 6116-6122	6.7	25
116	Chemical modification of a nanocrystalline TiO <sub>2</sub> film for efficient electric connection of glucose oxidase. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 346, 442-7	9.3	15
115	On the pH dependence of electroactivity of poly(methylene blue) films. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 1766-1771	6.7	25
114	A Comparative Study of the Mott-Schottky Behavior of Oxide Films on Stainless Steels in Ionic Liquids and in Aqueous Solutions. <i>ECS Transactions</i> , <b>2009</b> , 25, 31-36	1	3
113	V <sub>2</sub> O <sub>5</sub> nanoparticles obtained from a synthetic bariandite-like vanadium oxide: synthesis, characterization and electrochemical behavior in an ionic liquid. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 337, 586-93	9.3	59
112	Nanostructured thin films obtained by electrodeposition over a colloidal crystal template: applications in electrochemical devices. <i>Journal of the Brazilian Chemical Society</i> , <b>2009</b> , 20, 663-673	1.5	13
111	On the stabilization of conducting pernigraniline salt by the synthesis and oxidation of polyaniline in hydrophobic ionic liquids. <i>Physical Chemistry Chemical Physics</i> , <b>2008</b> , 10, 1457-62	3.6	41
110	Electrostatic layer-by-layer deposition and electrochemical characterization of thin films composed of MnO <sub>2</sub> nanoparticles in a room-temperature ionic liquid. <i>Langmuir</i> , <b>2008</b> , 24, 3602-10	4	42
109	Investigation of the Electrical and Electrochemical Properties of Nanocomposites from V <sub>2</sub> O <sub>5</sub> , Polypyrrole, and Polyaniline. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 2202-2209	3.8	50
108	Shielding of ionic interactions by sulfur dioxide in an ionic liquid. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 6430-5	3.4	51
107	Immobilization of catalysts of biological interest on porous oxidized silicon surfaces. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 3570-6	1.3	7
106	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> , <b>2008</b> , 19, 651-659	1.5	9
105	Iron oxide nanoparticles and VO <sub>x</sub> /Hexadecylamine nanotubes composite. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2008</b> , 320, e268-e271	2.8	1
104	Characterization of anodic silicon oxide films grown in room temperature ionic liquids. <i>Electrochimica Acta</i> , <b>2008</b> , 53, 7396-7402	6.7	4

103	Changes on iron electrode surface during hydrogen permeation in borate buffer solution. <i>Electrochimica Acta</i> , <b>2008</b> , 53, 3670-3679	6.7	37
102	Transport coefficients, Raman spectroscopy, and computer simulation of lithium salt solutions in an ionic liquid. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 2102-9	3.4	187
101	The sulfur dioxide-1-butyl-3-methylimidazolium bromide interaction: drastic changes in structural and physical properties. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 8717-9	3.4	92
100	Magnetic characterization of vanadium oxide/polyaniline nanotubes. <i>Applied Surface Science</i> , <b>2007</b> , 254, 371-374	6.7	11
99	Electrochemical and morphological stabilization of V2O5 nanofibers by the addition of polyaniline. <i>Electrochimica Acta</i> , <b>2007</b> , 52, 4419-4427	6.7	65
98	Spectroelectrochemical study of a soluble derivative of poly(aniline) in a room temperature ionic liquid. <i>Electrochimica Acta</i> , <b>2007</b> , 53, 1217-1224	6.7	12
97	Accelerating rate calorimetry studies of the reactions between ionic liquids and charged lithium ion battery electrode materials. <i>Electrochimica Acta</i> , <b>2007</b> , 52, 6346-6352	6.7	160
96	Influence of Ni doping on vanadium oxide/hexadecylamine multiwall nanotubes. <i>Physica B: Condensed Matter</i> , <b>2007</b> , 398, 333-336	2.8	6
95	Polyaniline/poly(methylmethacrylate) blends for corrosion protection: The effect of passivating dopants on different metals. <i>Progress in Organic Coatings</i> , <b>2007</b> , 58, 33-39	4.8	60
94	Charge compensation dynamics in a soluble copolymer of poly(aniline) and poly(phenylene sulfide). <i>Journal of Solid State Electrochemistry</i> , <b>2007</b> , 11, 1471-1479	2.6	3
93	Synthesis and characterization of two ionic liquids with emphasis on their chemical stability towards metallic lithium. <i>Electrochimica Acta</i> , <b>2007</b> , 52, 6427-6437	6.7	148
92	Electrode passivation caused by polymerization of different phenolic compounds. <i>Electrochimica Acta</i> , <b>2006</b> , 52, 434-442	6.7	178
91	An analytical application of the electrocatalysis of the iodate reduction at tungsten oxide films. <i>Talanta</i> , <b>2006</b> , 69, 148-53	6.2	25
90	EQCM behavior of copper anodes in alkaline medium and characterization of the electrocatalysis of ethanol oxidation by Cu(III). <i>Journal of the Brazilian Chemical Society</i> , <b>2006</b> , 17, 374	1.5	13
89	Cathodes for lithium ion batteries: the benefits of using nanostructured materials. <i>Journal of the Brazilian Chemical Society</i> , <b>2006</b> , 17, 627-642	1.5	70
88	Design of molecular wires based on supramolecular structures for application in glucose biosensors. <i>Biosensors and Bioelectronics</i> , <b>2006</b> , 22, 298-305	11.8	26
87	Redox behavior of nanohybrid material with defined morphology: Vanadium oxide nanotubes intercalated with polyaniline. <i>Journal of Power Sources</i> , <b>2006</b> , 156, 533-540	8.9	41
86	Hybrid particles of polystyrene and carboxymethyl cellulose as substrates for copper ions. <i>Langmuir</i> , <b>2005</b> , 21, 8515-9	4	5

85	Mechanism of Action of Corrosion Protection Coating for AA2024-T3 Based on Poly(aniline)-Poly(methylmethacrylate) Blend. <i>Journal of the Electrochemical Society</i> , <b>2005</b> , 152, B45	3.9	42
84	Polyaniline acrylic coatings for corrosion inhibition: the role played by counter-ions. <i>Corrosion Science</i> , <b>2005</b> , 47, 811-822	6.8	123
83	Galvanic coupling between metal substrate and polyaniline acrylic blends: corrosion protection mechanism. <i>Electrochimica Acta</i> , <b>2005</b> , 50, 2213-2218	6.7	70
82	Electrochemical and kinetic studies of lithium intercalation in composite nanofibers of vanadium oxide/polyaniline. <i>Electrochimica Acta</i> , <b>2005</b> , 50, 5009-5014	6.7	42
81	Improvement of thermal stability of an organic-aqueous gel electrolyte for bismuth electrodeposition devices. <i>Solar Energy Materials and Solar Cells</i> , <b>2005</b> , 85, 489-497	6.4	5
80	Transporte de carga em compósitos de polianilina/V2O5. <i>Química Nova</i> , <b>2004</b> , 27, 393-398	1.6	5
79	Molecular-Level Manipulation of V2O5/Polyaniline Layer-by-Layer Films To Control Electrochromogenic and Electrochemical Properties. <i>Chemistry of Materials</i> , <b>2004</b> , 16, 2293-2299	9.6	90
78	Electronic and ionic exchange in poly(5-amino 1-naphthol) in acid aqueous solution <b>2004</b> , 49, 1409-1409		4
77	Nanofibers composite vanadium oxide/polyaniline: synthesis and characterization of an electroactive anisotropic structure. <i>Electrochemistry Communications</i> , <b>2003</b> , 5, 1011-1015	5.1	90
76	Ionic transport in conducting polymers/nickel tetrasulfonated phthalocyanine modified electrodes. <i>Polymer</i> , <b>2003</b> , 44, 5369-5379	3.9	34
75	Structural and electrochemical properties of nanocomposites formed by V2O5 and poly(3-alkylpyrroles). <i>Journal of Power Sources</i> , <b>2003</b> , 114, 133-136	8.9	20
74	Comparison of V[sub 2]O[sub 5] Xerogels Prepared by the Vanadate and Alkoxide Routes Using X-Ray Absorption and other Methods. <i>Journal of the Electrochemical Society</i> , <b>2003</b> , 150, A721	3.9	29
73	Electroactive Multilayer Films of Polyaniline and Vanadium Pentoxide. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 8351-8354	3.4	59
72	Layer-by-Layer Hybrid Films of Polyaniline and Vanadium Oxide. <i>Synthetic Metals</i> , <b>2003</b> , 137, 969-970	3.6	6
71	Solid-State NMR Study of Ion-Exchange Processes in V[sub 2]O[sub 5] Xerogel, Polyaniline/V[sub 2]O[sub 5], and Sulfonated Polyaniline/V[sub 2]O[sub 5] Nanocomposites. <i>Journal of the Electrochemical Society</i> , <b>2003</b> , 150, A1718	3.9	15
70	An Organic Aqueous Gel as Electrolyte for Application in Electrochromic Devices Based in Bismuth Electrodeposition. <i>Journal of the Electrochemical Society</i> , <b>2003</b> , 150, E578	3.9	19
69	Electrochemical behavior and structural changes of V2O5 xerogel. <i>Journal of the Brazilian Chemical Society</i> , <b>2003</b> , 14, 536-543	1.5	8
68	Direct evidence of redox mediation between a poly(aniline-co-N-propanesulfonic acid aniline) and 2,5-dimercapto-1,3,4-thiadiazole by UV-visible reflectance spectroscopy. <i>Journal of the Brazilian Chemical Society</i> , <b>2002</b> , 13, 449	1.5	5



67	Aspectos relacionados à utilização da equação logística quadrática em processos eletroquímicos. <i>Química Nova</i> , <b>2002</b> , 25, 99-106	1.6	3
66	Electrochemical and chromogenic relaxation processes in polyaniline films. <i>Polymer</i> , <b>2002</b> , 43, 5895-5901	3.9	33
65	XANES study of polyaniline/V <sub>2</sub> O <sub>5</sub> and sulfonated polyaniline/V <sub>2</sub> O <sub>5</sub> nanocomposites. <i>Electrochimica Acta</i> , <b>2002</b> , 47, 3179-3186	6.7	28
64	Impedance study of the oxidation of CO on polycrystalline platinum. <i>Journal of Electroanalytical Chemistry</i> , <b>2002</b> , 532, 43-48	4.1	11
63	Transport properties of V <sub>2</sub> O <sub>5</sub> /polypyrrole nanocomposite prepared by a sol-gel alkoxide route. <i>Journal of Electroanalytical Chemistry</i> , <b>2002</b> , 536, 37-45	4.1	54
62	Materiais para cátodos de baterias secundárias de lítio. <i>Química Nova</i> , <b>2002</b> , 25, 287-299	1.6	22
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