

Romeu C Rocha-Filho

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.

143 papers	5,048 citations	41 h-index	63 g-index
162 ext. papers	5,453 ext. citations	4.7 avg, IF	5.69 L-index

#	Paper	IF	Citations
143	Physical characterization and biological tests of bioactive titanium surfaces prepared by short-time micro-arc oxidation in green electrolyte. <i>Materials Research Express</i> , 2022 , 9, 025401	1.7	0
142	A new strategy to quickly synthesize true nanoparticles of the spinel LiMn ₂ O ₄ by using a microwave-assisted hydrothermal route. <i>Journal of Alloys and Compounds</i> , 2022 , 164856	5.7	1
141	High-purity LiFePO ₄ prepared by a rapid one-step microwave-assisted hydrothermal synthesis. <i>Journal of Materials Science</i> , 2021 , 56, 10018-10029	4.3	2
140	Use of a turbulence promoter in an electrochemical filter-press reactor: Consolidated evidence of significant enhancement of organics mass transport and degradation rates. <i>Separation and Purification Technology</i> , 2021 , 276, 119292	8.3	2
139	Analytical Applications of Electrochemically Pretreated Boron-Doped Diamond Electrodes. <i>ChemElectroChem</i> , 2020 , 7, 1291-1311	4.3	37
138	Simple Flow Injection Analysis System Coupled to Multiple-Pulse Amperometry and a Boron-Doped Diamond Electrode for the Simultaneous Determination of Sunset Yellow and Aspartame. <i>ChemElectroChem</i> , 2020 , 7, 1943-1950	4.3	3
137	Determination of bisphenol S, simultaneously to bisphenol A in different water matrices or solely in electrolyzed solutions, using a cathodically pretreated boron-doped diamond electrode. <i>Talanta</i> , 2020 , 217, 121041	6.2	14
136	Comparing the electrochemical degradation of the fluoroquinolone antibiotics norfloxacin and ciprofloxacin using distinct electrolytes and a BDD anode: evolution of main oxidation byproducts and toxicity. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104433	6.8	7
135	Electrochemical degradation of the antibiotic ciprofloxacin in a flow reactor using distinct BDD anodes: Reaction kinetics, identification and toxicity of the degradation products. <i>Chemosphere</i> , 2019 , 234, 461-470	8.4	24
134	Comparative study on the degradation of cephalexin by four electrochemical advanced oxidation processes: Evolution of oxidation intermediates and antimicrobial activity. <i>Chemical Engineering Journal</i> , 2019 , 372, 1104-1112	14.7	24
133	Optimization of the electrochemical degradation process of the antibiotic ciprofloxacin using a double-sided EPbO anode in a flow reactor: kinetics, identification of oxidation intermediates and toxicity evaluation. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 4438-4449	5.1	23
132	Properties of colored oxide films formed electrochemically on titanium in green electrolytes under ultrasonic stirring. <i>Journal of Materials Science</i> , 2018 , 53, 7294-7304	4.3	2
131	A new and simple method for the simultaneous determination of amoxicillin and nimesulide using carbon black within a dihexadecylphosphate film as electrochemical sensor. <i>Talanta</i> , 2018 , 179, 115-123	6.2	74
130	Understanding the loss of electrochemical activity of nanosized LiMn ₂ O ₄ particles: a combined experimental and ab initio DFT study. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 14967-14974	13	8
129	Evolution of the antibacterial activity and oxidation intermediates during the electrochemical degradation of norfloxacin in a flow cell with a PTFE-doped EPbO ₂ anode: Critical comparison to a BDD anode. <i>Electrochimica Acta</i> , 2018 , 284, 260-270	6.7	18
128	Selective and simultaneous determination of indigo carmine and allura red in candy samples at the nano-concentration range by flow injection analysis with multiple pulse amperometric detection. <i>Food Chemistry</i> , 2018 , 247, 66-72	8.5	39
127	The effect of the supporting electrolyte on the electrooxidation of enrofloxacin using a flow cell with a BDD anode: Kinetics and follow-up of oxidation intermediates and antimicrobial activity. <i>Chemosphere</i> , 2018 , 206, 674-681	8.4	23

126	Use of a boron-doped diamond electrode to assess the electrochemical response of the naphthol isomers and to attain their truly simultaneous electroanalytical determination. <i>Electrochimica Acta</i> , 2017 , 243, 374-381	6.7	30
125	Alternative route for LiFePO ₄ synthesis: Carbothermal reduction combined with microwave-assisted solid-state reaction. <i>Materials Research Bulletin</i> , 2017 , 86, 209-214	5.1	16
124	Comparative electrochemical degradation of the herbicide tebuthiuron using a flow cell with a boron-doped diamond anode and identifying degradation intermediates. <i>Electrochimica Acta</i> , 2017 , 247, 860-870	6.7	19
123	Electrochemical degradation of estrone using a boron-doped diamond anode in a filter-press reactor. <i>Electrochimica Acta</i> , 2016 , 197, 186-193	6.7	29
122	Combined Coagulation and Electrochemical Process to Treat and Detoxify a Real Textile Effluent. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	14
121	Structure, Electronic Properties, and Electrochemical Behavior of a Boron-Doped Diamond/Quartz Optically Transparent Electrode. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 28325-28337	9.5	28
120	Comparative Study of Basal-Plane Pyrolytic Graphite, Boron-Doped Diamond, and Amorphous Carbon Nitride Electrodes for the Voltammetric Determination of Furosemide in Pharmaceutical and Urine Samples. <i>Electrochimica Acta</i> , 2016 , 197, 179-185	6.7	27
119	Comparison between microwave and muffle annealing of self-organized TiO ₂ nanotubes into crystalline anatase. <i>Materials Letters</i> , 2016 , 167, 209-212	3.3	5
118	Amperometric flow-injection determination of the anthelmintic drugs ivermectin and levamisole using electrochemically pretreated boron-doped diamond electrodes. <i>Sensors and Actuators B: Chemical</i> , 2016 , 222, 181-189	8.5	28
117	Direct conversion of electrodeposited nanocrystalline EMnO ₂ into LiMn ₂ O ₄ by microwave calcination. <i>Journal of Solid State Electrochemistry</i> , 2016 , 20, 2019-2027	2.6	2
116	Assessments of the Effect of Increasingly Severe Cathodic Pretreatments on the Electrochemical Activity of Polycrystalline Boron-Doped Diamond Electrodes. <i>Analytical Chemistry</i> , 2016 , 88, 5363-8	7.8	51
115	Electrodegradation of the Acid Green 28 dye using Ti/EPbO ₂ and Ti-Pt/EPbO ₂ anodes. <i>Journal of Environmental Management</i> , 2016 , 183, 306-313	7.9	15
114	Electrochemical mineralization of norfloxacin using distinct boron-doped diamond anodes in a filter-press reactor, with investigations of toxicity and oxidation by-products. <i>Electrochimica Acta</i> , 2016 , 213, 856-864	6.7	52
113	Voltammetric determination of ciprofloxacin in urine samples and its interaction with dsDNA on a cathodically pretreated boron-doped diamond electrode. <i>Analytical Methods</i> , 2015 , 7, 3411-3418	3.2	38
112	Square-Wave Voltammetric Determination of Paracetamol and Codeine in Pharmaceutical and Human Body Fluid Samples Using a Cathodically Pretreated Boron-Doped Diamond Electrode. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	5
111	Electrochemical degradation of the herbicide picloram using a filter-press flow reactor with a boron-doped diamond or EPbO ₂ anode. <i>Electrochimica Acta</i> , 2015 , 179, 588-598	6.7	42
110	Simultaneous voltammetric determination of aspartame and acesulfame-K in food products using an anodically pretreated boron-doped diamond electrode. <i>Analytical Methods</i> , 2015 , 7, 2135-2140	3.2	20
109	Electrochemical degradation of a real textile wastewater using EPbO ₂ and DSA [®] anodes. <i>Chemical Engineering Journal</i> , 2014 , 251, 138-145	14.7	152

108	Comparative electrochemical response of estrone at glassy-carbon, nitrogen-containing tetrahedral amorphous carbon and boron-doped diamond thin-film electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2014 , 712, 207-214	4.1	37
107	DPV and SWV Determination of Estrone Using a Cathodically Pretreated Boron-Doped Diamond Electrode. <i>Electroanalysis</i> , 2014 , 26, 1588-1597	3	16
106	Practical microwave-assisted solid-state synthesis of the spinel LiMn ₂ O ₄ . <i>Solid State Ionics</i> , 2014 , 268, 42-47	3.3	10
105	Microwave-assisted crystallization into anatase of amorphous TiO ₂ nanotubes electrochemically grown on a Ti substrate. <i>Materials Letters</i> , 2014 , 126, 52-54	3.3	14
104	High efficiencies in the electrochemical oxidation of an anthraquinonic dye with conductive-diamond anodes. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 8442-50	5.1	29
103	Square-wave voltammetric determination of hydroxychloroquine in pharmaceutical and synthetic urine samples using a cathodically pretreated boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014 , 719, 19-23	4.1	56
102	Changes of electrochemical properties of polypyrrole when synthesized in a room-temperature ionic liquid. <i>Materials Chemistry and Physics</i> , 2014 , 147, 99-104	4.4	14
101	Growth of aluminum-free porous oxide layers on titanium and its alloys Ti-6Al-4V and Ti-6Al-7Nb by micro-arc oxidation. <i>Materials Science and Engineering C</i> , 2014 , 41, 343-8	8.3	34
100	The analysis of estrogenic compounds by flow injection analysis with amperometric detection using a boron-doped diamond electrode. <i>Talanta</i> , 2014 , 126, 12-9	6.2	29
99	Effect of Specific Active Chlorine Species and Temperature on the Electrochemical Degradation of the Reactive Blue 19 Dye Using a Boron-Doped Diamond or DSA Anode in a Flow Reactor. <i>Electrocatalysis</i> , 2014 , 5, 8-15	2.7	19
98	INFLUENCE OF CHLORIDE-MEDIATED OXIDATION ON THE ELECTROCHEMICAL DEGRADATION OF THE DIRECT BLACK 22 DYE USING BORON-DOPED DIAMOND AND PbO ₂ ANODES. <i>Quimica Nova</i> , 2014 ,	1.6	3
97	Amorphous carbon nitride as an alternative electrode material in electroanalysis: simultaneous determination of dopamine and ascorbic acid. <i>Analytica Chimica Acta</i> , 2013 , 797, 30-9	6.6	42
96	Differential pulse voltammetric determination of albendazole in pharmaceutical tablets using a cathodically pretreated boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 707, 15-19	4.1	29
95	Flexible and high surface area composites of carbon fiber, polypyrrole, and poly(DMCT) for supercapacitor electrodes. <i>Electrochimica Acta</i> , 2013 , 93, 93-100	6.7	52
94	Carbon-fiber composites of organometallic intercalated polyaniline and polypyrrole doped with sodium polystyrene sulfonate as electrodes for lithium-ion batteries. <i>Materials Chemistry and Physics</i> , 2013 , 139, 47-54	4.4	3
93	Electrochemical Degradation of the Reactive Red 141 Dye Using a Boron-Doped Diamond Anode. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	35
92	Electrochemical degradation of the Disperse Orange 29 dye on a PbO ₂ anode assessed by the response surface methodology. <i>Journal of Environmental Chemical Engineering</i> , 2013 , 1, 954-961	6.8	32
91	Surface characterization of oxides grown on the Ti-3Nb-3Zr alloy and their corrosion protection. <i>Corrosion Science</i> , 2013 , 72, 35-40	6.8	67

90	Square-wave voltammetric determination of bezafibrate in pharmaceutical formulations using a cathodically pretreated boron-doped diamond electrode. <i>Talanta</i> , 2013 , 103, 201-6	6.2	32
89	Determination of Propylthiouracil in Pharmaceuticals by Differential Pulse Voltammetry Using a Cathodically Pretreated Boron-Doped Diamond Electrode. <i>Journal of the Brazilian Chemical Society</i> , 2013 ,	1.5	3
88	Simultaneous voltammetric determination of synthetic colorants in food using a cathodically pretreated boron-doped diamond electrode. <i>Talanta</i> , 2012 , 97, 291-7	6.2	87
87	Flow injection simultaneous determination of synthetic colorants in food using multiple pulse amperometric detection with a boron-doped diamond electrode. <i>Talanta</i> , 2012 , 99, 883-9	6.2	62
86	Electrochemical degradation of bisphenol A using a flow reactor with a boron-doped diamond anode. <i>Chemical Engineering Journal</i> , 2012 , 198-199, 282-288	14.7	69
85	Direct electrochemistry of tyrosinase and biosensing for phenol based on gold nanoparticles electrodeposited on a boron-doped diamond electrode. <i>Diamond and Related Materials</i> , 2012 , 25, 128-133	3.5	48
84	Electrochemical determination of bisphenol A using a boron-doped diamond electrode. <i>Electrochimica Acta</i> , 2012 , 82, 3-8	6.7	88
83	Simultaneous detection of ascorbic acid and dopamine with electrochemically pretreated carbon nitride electrodes: Comparison with boron-doped diamond electrodes. <i>Electrochemistry Communications</i> , 2012 , 24, 61-64	5.1	29
82	Modification of the titanium oxide morphology and composition by a combined chemical-electrochemical treatment on cp Ti. <i>Materials Research</i> , 2012 , 15, 159-165	1.5	15
81	Influence of the supporting electrolyte on the electrolyses of dyes with conductive-diamond anodes. <i>Chemical Engineering Journal</i> , 2012 , 184, 221-227	14.7	70
80	Cathodic Pretreatment of Boron-Doped Diamond Electrodes and their Use in Electroanalysis 2011 , 181-212		7
79	Electrochemical degradation of a real textile effluent using boron-doped diamond or EPbO ₂ as anode. <i>Journal of Hazardous Materials</i> , 2011 , 192, 1275-82	12.8	105
78	Preparation and characterization of biomimetically and electrochemically deposited hydroxyapatite coatings on micro-arc oxidized Ti-13Nb-13Zr. <i>Journal of Materials Science: Materials in Medicine</i> , 2011 , 22, 1663-70	4.5	37
77	Reposition of numerosity as the SI base quantity whose unit is the mole. <i>Accreditation and Quality Assurance</i> , 2011 , 16, 155-159	0.7	5
76	A comparison of electrodeposited Ti/EPbO ₂ and Ti-Pt/EPbO ₂ anodes in the electrochemical degradation of the direct yellow 86 dye. <i>Quimica Nova</i> , 2010 , 33, 2124-2129	1.6	26
75	Corrosion resistance of the TiB _{0.2} Zr at.% alloy after anodization in different acidic electrolytes. <i>Corrosion Science</i> , 2010 , 52, 4058-4063	6.8	39
74	Reticulated vitreous carbon/polypyrrole composites as electrodes for lithium batteries: Preparation, electrochemical characterization and charge/discharge performance. <i>Synthetic Metals</i> , 2010 , 160, 173-179	3.6	15
73	Square-wave voltammetric determination of propranolol and atenolol in pharmaceuticals using a boron-doped diamond electrode. <i>Talanta</i> , 2010 , 81, 1418-24	6.2	95

72	A novel multicommutation stopped-flow system for the simultaneous determination of sulfamethoxazole and trimethoprim by differential pulse voltammetry on a boron-doped diamond electrode. <i>Analytical Methods</i> , 2010 , 2, 402	3.2	28
71	Simple flow injection analysis system for simultaneous determination of phenolic antioxidants with multiple pulse amperometric detection at a boron-doped diamond electrode. <i>Analytical Chemistry</i> , 2010 , 82, 8658-63	7.8	80
70	Differential Pulse Voltammetric Determination of Sildenafil Citrate (Viagra®) in Pharmaceutical Formulations Using a Boron-Doped Diamond Electrode. <i>Analytical Letters</i> , 2010 , 43, 1046-1054	2.2	37
69	Electrochemical degradation of the Acid Blue 62 dye on a PbO_2 anode assessed by the response surface methodology. <i>Journal of Applied Electrochemistry</i> , 2010 , 40, 1751-1757	2.6	28
68	On the activation and physical degradation of boron-doped diamond surfaces brought on by cathodic pretreatments. <i>Journal of Applied Electrochemistry</i> , 2010 , 40, 1817-1827	2.6	59
67	Simultaneous Differential Pulse Voltammetric Determination of Ascorbic Acid and Caffeine in Pharmaceutical Formulations Using a Boron-Doped Diamond Electrode. <i>Electroanalysis</i> , 2010 , 22, 1717-1723	3.7	52
66	Bilayered nanofilm of polypyrrole and poly(DMCT) for high-performance battery cathodes. <i>Journal of Power Sources</i> , 2010 , 195, 2924-2927	8.9	25
65	Structural and electrochemical properties of the doped spinels $\text{Li}_{1.05}\text{M}_{0.02}\text{Mn}_{1.98}\text{O}_{3.98}\text{N}_{0.02}$ ($\text{M}=\text{Ga}^{3+}$, Al^{3+} , or Co^{3+} ; $\text{N}=\text{S}^{2-}$ or F^{-}) for use as cathode material in lithium batteries. <i>Journal of Power Sources</i> , 2010 , 195, 3293-3299	8.9	41
64	Simultaneous voltammetric determination of phenolic antioxidants in food using a boron-doped diamond electrode. <i>Food Chemistry</i> , 2010 , 123, 886-891	8.5	94
63	Electrochemical degradation of the reactive red 141 dye on a PbO_2 anode assessed by the response surface methodology. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 324-330	1.5	32
62	Square-wave voltammetric determination of acetylsalicylic acid in pharmaceutical formulations using a boron-doped diamond electrode without the need of previous alkaline hydrolysis step. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 360-366	1.5	56
61	Simultaneous Differential Pulse Voltammetric Determination of Sulfamethoxazole and Trimethoprim on a Boron-Doped Diamond Electrode. <i>Electroanalysis</i> , 2009 , 21, 1475-1480	3	50
60	Influence of hydroxyapatite on the corrosion resistance of the Ti-13Nb-13Zr alloy. <i>Journal of Materials Science: Materials in Medicine</i> , 2009 , 20, 1009-15	4.5	14
59	Preparation, electrochemical characterization and charge/discharge of reticulated vitreous carbon/polyaniline composite electrodes. <i>Electrochimica Acta</i> , 2009 , 55, 227-233	6.7	15
58	On the performances of lead dioxide and boron-doped diamond electrodes in the anodic oxidation of simulated wastewater containing the Reactive Orange 16 dye. <i>Electrochimica Acta</i> , 2009 , 54, 2024-2030	6.7	79
57	A multidimensional high performance liquid chromatography method coupled with amperometric detection using a boron-doped diamond electrode for the simultaneous determination of sulfamethoxazole and trimethoprim in bovine milk. <i>Analytica Chimica Acta</i> , 2009 , 654, 127-32	6.6	50
56	Simultaneous voltammetric determination of paracetamol and caffeine in pharmaceutical formulations using a boron-doped diamond electrode. <i>Talanta</i> , 2009 , 78, 748-52	6.2	221
55	Simultaneous square-wave voltammetric determination of aspartame and cyclamate using a boron-doped diamond electrode. <i>Talanta</i> , 2008 , 76, 685-9	6.2	50

54	Determinação voltamétrica de ciclamato de sódio em produtos dietéticos empregando um eletrodo de diamante dopado com boro. <i>Química Nova</i> , 2008 , 31, 1405-1409	1.6	14
53	Galvanostatic Pb(II) removal from a simulated wastewater by using a stainless-steel wool cathode in a flow-through cell: a factorial-design study. <i>Journal of Applied Electrochemistry</i> , 2008 , 38, 167-173	2.6	10
52	Degradation of phenol using Co- and Co,F-doped PbO(2) anodes in electrochemical filter-press cells. <i>Journal of Hazardous Materials</i> , 2008 , 153, 252-60	12.8	89
51	Deposition of polyaniline on RVC electrodes: effect of substrate thickness. <i>Journal of Solid State Electrochemistry</i> , 2007 , 11, 609-618	2.6	6
50	Electrochemical and physical properties of poly(acrylonitrile)/poly(vinyl acetate)-based gel electrolytes for lithium ion batteries. <i>Journal of Power Sources</i> , 2007 , 164, 379-385	8.9	54
49	Square-Wave Voltammetry Determination of Aspartame in Dietary Products Using a Boron-Doped Diamond Electrode. <i>Analytical Letters</i> , 2007 , 40, 3195-3207	2.2	19
48	On the performance of Fe and Fe,F doped Ti-Pt/PbO ₂ electrodes in the electrooxidation of the Blue Reactive 19 dye in simulated textile wastewater. <i>Chemosphere</i> , 2007 , 66, 2035-43	8.4	136
47	Development of a HPLC method to follow the degradation of phenol by electrochemical or photoelectrochemical treatment. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17, 369-373	1.5	36
46	Investigation of passive films grown on biocompatible Ti-50Zr and Ti-13Zr-13Nb alloys by XPS. <i>Surface and Interface Analysis</i> , 2006 , 38, 410-412	1.5	9
45	XPS characterization of anodic oxides grown on biocompatible Ti ₅₀ Zr alloy in different acid electrolytes. <i>Surface and Interface Analysis</i> , 2006 , 38, 417-421	1.5	11
44	On the changing electrochemical behaviour of boron-doped diamond surfaces with time after cathodic pre-treatments. <i>Electrochimica Acta</i> , 2006 , 51, 4612-4619	6.7	184
43	Voltammetric stability of anodic films on the Ti6Al4V alloy in chloride medium. <i>Electrochimica Acta</i> , 2006 , 51, 6580-6583	6.7	40
42	Corrosion resistance of anodic oxides on the Ti ₅₀ Zr and Ti ₁₃ Nb ₁₃ Zr alloys. <i>Electrochimica Acta</i> , 2006 , 51, 2068-2075	6.7	94
41	Performance of a polyaniline(DMcT)/carbon fiber composite as cathode for rechargeable lithium batteries. <i>Journal of Power Sources</i> , 2006 , 154, 281-286	8.9	36
40	Removal of Pb(II) from simulated wastewaters using a stainless-steel wool cathode in a flow-through cell. <i>Journal of Applied Electrochemistry</i> , 2006 , 36, 677-683	2.6	14
39	Electropolymerization of polyaniline on high surface area carbon substrates. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 578, 9-15	4.1	40
38	Electropolishing of AISI-304 stainless steel using an oxidizing solution originally used for electrochemical coloration. <i>Electrochimica Acta</i> , 2005 , 50, 2623-2627	6.7	29
37	Electrochemical studies on zirconium and its biocompatible alloys Ti-50Zr at.% and Zr-2.5Nb wt.% in simulated physiologic media. <i>Journal of Biomedical Materials Research - Part A</i> , 2005 , 74, 397-407	5.4	60

36	An Environmentally Friendly and Practical Method for Obtaining Color on Stainless Steel by Interference. <i>Journal of the Electrochemical Society</i> , 2005 , 152, B491	3.9	7
35	Chemical and electrochemical coloration of stainless steel and pitting corrosion resistance studies. <i>Journal of the Brazilian Chemical Society</i> , 2004 , 15, 472-480	1.5	24
34	Estudo de efeito dos sais precursores sobre as propriedades eletrocatalíticas de eletrodos de Ti-SnO ₂ /Sb preparados por decomposição térmica. <i>Química Nova</i> , 2004 , 27, 866-872	1.6	16
33	Enhanced electrochemical response of boron-doped diamond electrodes brought on by a cathodic surface pre-treatment. <i>Electrochimica Acta</i> , 2004 , 49, 4021-4026	6.7	203
32	XPS characterization of anodic titanium oxide films grown in phosphate buffer solutions. <i>Thin Solid Films</i> , 2004 , 468, 109-112	2.2	77
31	Influence of the preparation procedure on the electrochemical properties of Pani(DMcT-Cu ion)/carbon fiber composites. <i>Journal of the Brazilian Chemical Society</i> , 2003 , 14, 621-627	1.5	11
30	On understanding the effect of benzotriazole during barrier-film growth on Al-Cu alloys. <i>Journal of Solid State Electrochemistry</i> , 2003 , 7, 442-449	2.6	6
29	Corrosion resistance of colored films grown on stainless steel by the alternating potential pulse method. <i>Electrochimica Acta</i> , 2003 , 48, 2417-2424	6.7	26
28	Studies on the stability of anodic oxides on zirconium biocompatible alloys. <i>Journal of the Brazilian Chemical Society</i> , 2002 , 13,	1.5	10
27	Lead recovery from a typical Brazilian sludge of exhausted lead-acid batteries using an electrohydrometallurgical process. <i>Hydrometallurgy</i> , 2002 , 65, 137-144	4	63
26	On the stability of thin-anodic-oxide films of titanium in acid phosphoric media. <i>Corrosion Science</i> , 2001 , 43, 1465-1476	6.8	126
25	Reactivation of passive titanium: the enhancement of O ₂ evolution after potentiodynamic cyclings. <i>Electrochemistry Communications</i> , 2000 , 2, 254-258	5.1	20
24	A MnO ₂ -based graphite-epoxy electrode as lithium ion sensor. <i>Sensors and Actuators B: Chemical</i> , 2000 , 67, 96-100	8.5	12
23	Spectroelectrochemical and electrical characterization of poly(cobalt-tetraaminophthalocyanine)-modified electrodes: electrocatalytic oxidation of hydrazine. <i>Polyhedron</i> , 2000 , 19, 2303-2312	2.7	49
22	Production and characterization of Ti/PbO ₂ electrodes by a thermal-electrochemical method. <i>Journal of the Brazilian Chemical Society</i> , 2000 , 11, 429-433	1.5	9
21	A novel MnO ₂ -based graphite-epoxy electrode for potentiometric determination of acids and bases. <i>Sensors and Actuators B: Chemical</i> , 1999 , 56, 169-174	8.5	11
20	Produção de dióxido de manganês eletrolítico para uso em baterias de lítio. <i>Química Nova</i> , 1999 , 22, 600-604	1.6	8
19	Eletrólise de resíduos poluidores: I - Efluente de uma indústria liofilizadora de condimentos. <i>Química Nova</i> , 1998 , 21, 20-24	1.6	11

18	Electrochemical characterization of thin passive films on Nb electrodes in H ₃ PO ₄ solutions. <i>Journal of the Brazilian Chemical Society</i> , 1997 , 8, 615-620	1.5	17
17	A study of thin anodic WO ₃ films by electrochemical impedance spectroscopy. <i>Electrochimica Acta</i> , 1997 , 42, 1751-1758	6.7	51
16	Electrochemical Studies of the Corrosion of 316L Stainless Steel Coated with Sol-Gel ZrO ₂ Films. <i>Journal of the Brazilian Chemical Society</i> , 1995 , 6, 33-37	1.5	5
15	Pt/HClO ₄ interface CPE: influence of surface roughness and electrolyte concentration. <i>Electrochimica Acta</i> , 1994 , 39, 763-769	6.7	58
14	Isothermal flow calorimetric investigations of the D/Pd and H/Pd systems. <i>Journal of Electroanalytical Chemistry</i> , 1994 , 368, 55-66	4.1	21
13	Semiconducting Properties of Thin Anodic WO ₃ Films Grown in Different Electrolytes. <i>Journal of the Brazilian Chemical Society</i> , 1994 , 5, 123-126	1.5	6
12	On the name for the number of atoms in 12 g of carbon-12. <i>Journal of Chemical Education</i> , 1992 , 69, 36	2.4	2
11	Double-layer studies in ethanolic solutions. Part 2. Adsorption of iodide ion on mercury from solutions of constant ionic strength. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1992 , 88, 1143-1148 ⁹		
10	Determination of the Polarization Resistance of Rebar in Reinforced Concrete. <i>Corrosion</i> , 1991 , 47, 330-335		22
9	Double-layer studies in ethanolic solutions. Part 1. Structure of the mercury/ethanol interface in the absence of specific adsorption. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1991 , 87, 2967-2970		10
8	Application of the Grahame-Parsons model of the inner layer to the simultaneous adsorption of iodide and thiocyanate ions on mercury. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990 , 279, 315-320		
7	A proposition about the quantity of which mole is the SI unit. <i>Journal of Chemical Education</i> , 1990 , 67, 139	2.4	5
6	An algorithm to determine the electrical double-layer parameters for the simultaneous adsorption of two anions at the mercury electrode-solution interface. <i>Computers & Chemistry</i> , 1987 , 11, 1-5		1
5	The simultaneous adsorption of iodide and thiocyanate ions on mercury. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1985 , 184, 179-196		8
4	On the simultaneous adsorption of anions on mercury. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1983 , 147, 345-346		5
3	The influence of the ionic strength on the adsorption of thiocyanate ions on mercury. <i>Canadian Journal of Chemistry</i> , 1983 , 61, 388-394	0.9	8
2	Determination of electrical double-layer parameters for the adsorption of neutral molecules at the electrode-solution interface. <i>Journal of Computational Chemistry</i> , 1981 , 2, 221-224	3.5	1
1	Adsorption isotherms for thiourea at the mercury-solution interface. <i>Electrochimica Acta</i> , 1980 , 25, 679-681	6.7	7

