

Romeu C Rocha-Filho

List of Publications by Year in descending order

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158
papers

6,046
citations

57631

44
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70
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162
all docs

162
docs citations

162
times ranked

5268
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous voltammetric determination of paracetamol and caffeine in pharmaceutical formulations using a boron-doped diamond electrode. <i>Talanta</i> , 2009, 78, 748-752.	2.9	248
2	Enhanced electrochemical response of boron-doped diamond electrodes brought on by a cathodic surface pre-treatment. <i>Electrochimica Acta</i> , 2004, 49, 4021-4026.	2.6	222
3	On the changing electrochemical behaviour of boron-doped diamond surfaces with time after cathodic pre-treatments. <i>Electrochimica Acta</i> , 2006, 51, 4612-4619.	2.6	206
4	Electrochemical degradation of a real textile wastewater using $\text{I}^2\text{-PbO}_2$ and DSA [®] anodes. <i>Chemical Engineering Journal</i> , 2014, 251, 138-145.	6.6	201
5	On the performance of Fe and Fe,F doped $\text{Ti}/\text{Pt}/\text{PbO}_2$ electrodes in the electrooxidation of the Blue Reactive 19 dye in simulated textile wastewater. <i>Chemosphere</i> , 2007, 66, 2035-2043.	4.2	161
6	On the stability of thin-anodic-oxide films of titanium in acid phosphoric media. <i>Corrosion Science</i> , 2001, 43, 1465-1476.	3.0	148
7	Electrochemical degradation of a real textile effluent using boron-doped diamond or $\text{I}^2\text{-PbO}_2$ as anode. <i>Journal of Hazardous Materials</i> , 2011, 192, 1275-1282.	6.5	119
8	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.	2.9	113
9	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, 252-260.	6.5	109
10	Simultaneous voltammetric determination of phenolic antioxidants in food using a boron-doped diamond electrode. <i>Food Chemistry</i> , 2010, 123, 886-891.	4.2	109
11	Square-wave voltammetric determination of propranolol and atenolol in pharmaceuticals using a boron-doped diamond electrode. <i>Talanta</i> , 2010, 81, 1418-1424.	2.9	107
12	Corrosion resistance of anodic oxides on the $\text{Ti}/\text{50Zr}$ and $\text{Ti}/\text{13Nb}/\text{13Zr}$ alloys. <i>Electrochimica Acta</i> , 2006, 51, 2068-2075.	2.6	104
13	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.	2.6	96
14	Simultaneous voltammetric determination of synthetic colorants in food using a cathodically pretreated boron-doped diamond electrode. <i>Talanta</i> , 2012, 97, 291-297.	2.9	96
15	Electrochemical determination of bisphenol A using a boron-doped diamond electrode. <i>Electrochimica Acta</i> , 2012, 82, 3-8.	2.6	95
16	XPS characterization of anodic titanium oxide films grown in phosphate buffer solutions. <i>Thin Solid Films</i> , 2004, 468, 109-112.	0.8	94
17	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, 8658-8663.	3.2	89
18	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.	6.6	82

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19	Influence of the supporting electrolyte on the electrolyses of dyes with conductive-diamond anodes. <i>Chemical Engineering Journal</i> , 2012, 184, 221-227.	6.6	82
20	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.	1.9	77
21	Surface characterization of oxides grown on the Ti-13Nb-13Zr alloy and their corrosion protection. <i>Corrosion Science</i> , 2013, 72, 35-40.	3.0	75
22	Lead recovery from a typical Brazilian sludge of exhausted lead-acid batteries using an electrohydrometallurgical process. <i>Hydrometallurgy</i> , 2002, 65, 137-144.	1.8	72
23	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, 74A, 397-407.	2.1	70
24	Pt/HClO ₄ interface CPE: influence of surface roughness and electrolyte concentration. <i>Electrochimica Acta</i> , 1994, 39, 763-769.	2.6	69
25	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, 883-889.	2.9	67
26	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.	1.5	66
27	Analytical Applications of Electrochemically Pretreated Boron-Doped Diamond Electrodes. <i>ChemElectroChem</i> , 2020, 7, 1291-1311.	1.7	66
28	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.	0.6	63
29	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.	1.8	62
30	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.	4.0	61
31	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.	1.5	59
32	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.	2.6	58
33	Spectroelectrochemical and electrical characterization of poly(cobalt-tetraaminophthalocyanine)-modified electrodes: electrocatalytic oxidation of hydrazine. <i>Polyhedron</i> , 2000, 19, 2303-2312.	1.0	57
34	Simultaneous Differential Pulse Voltammetric Determination of Sulfamethoxazole and Trimethoprim on a Boron-Doped Diamond Electrode. <i>Electroanalysis</i> , 2009, 21, 1475-1480.	1.5	57
35	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, 127-132.	2.6	57
36	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, 5363-5368.	3.2	57

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37	Flexible and high surface area composites of carbon fiber, polypyrrole, and poly(DMcT) for supercapacitor electrodes. <i>Electrochimica Acta</i> , 2013, 93, 93-100.	2.6	56
38	A study of thin anodic WO ₃ films by electrochemical impedance spectroscopy. <i>Electrochimica Acta</i> , 1997, 42, 1751-1758.	2.6	55
39	Simultaneous square-wave voltammetric determination of aspartame and cyclamate using a boron-doped diamond electrode. <i>Talanta</i> , 2008, 76, 685-689.	2.9	55
40	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.	1.3	55
41	Structural and electrochemical properties of the doped spinels Li _{1.05} M _{0.02} Mn _{1.98} O _{3.98} N _{0.02} (M =) Tj ETQq1 1 0.784314 rgBT /Ov Sources, 2010, 195, 3293-3299.	4.0	51
42	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.	4.2	48
43	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.	4.2	48
44	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, 343-348.	3.8	47
45	Voltammetric stability of anodic films on the Ti6Al4V alloy in chloride medium. <i>Electrochimica Acta</i> , 2006, 51, 6580-6583.	2.6	46
46	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.	0.6	45
47	Amorphous carbon nitride as an alternative electrode material in electroanalysis: Simultaneous determination of dopamine and ascorbic acid. <i>Analytica Chimica Acta</i> , 2013, 797, 30-39.	2.6	45
48	Electrochemical degradation of the herbicide picloram using a filter-press flow reactor with a boron-doped diamond or β -PbO ₂ anode. <i>Electrochimica Acta</i> , 2015, 179, 588-598.	2.6	45
49	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.	1.0	44
50	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.	4.0	44
51	Electropolymerization of polyaniline on high surface area carbon substrates. <i>Journal of Electroanalytical Chemistry</i> , 2005, 578, 9-15.	1.9	43
52	Corrosion resistance of the Ti-50Zr at.% alloy after anodization in different acidic electrolytes. <i>Corrosion Science</i> , 2010, 52, 4058-4063.	3.0	42
53	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.	1.9	42
54	Performance of a polyaniline(DMcT)/carbon fiber composite as cathode for rechargeable lithium batteries. <i>Journal of Power Sources</i> , 2006, 154, 281-286.	4.0	40

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55	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, 1663-1670.	1.7	40
56	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.	3.3	40
57	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.	0.6	40
58	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.	6.6	38
59	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.	4.2	37
60	Electrochemical Degradation of the Reactive Red 141 Dye Using a Boron-Doped Diamond Anode. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	36
61	Electropolishing of AISI-304 stainless steel using an oxidizing solution originally used for electrochemical coloration. <i>Electrochimica Acta</i> , 2005, 50, 2623-2627.	2.6	35
62	Square-wave voltammetric determination of bezafibrate in pharmaceutical formulations using a cathodically pretreated boron-doped diamond electrode. <i>Talanta</i> , 2013, 103, 201-206.	2.9	35
63	The analysis of estrogenic compounds by flow injection analysis with amperometric detection using a boron-doped diamond electrode. <i>Talanta</i> , 2014, 126, 12-19.	2.9	35
64	Electrochemical degradation of estrone using a boron-doped diamond anode in a filter-press reactor. <i>Electrochimica Acta</i> , 2016, 197, 186-193.	2.6	35
65	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.	2.6	35
66	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.	1.9	34
67	High efficiencies in the electrochemical oxidation of an anthraquinonic dye with conductive-diamond anodes. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8442-8450.	2.7	34
68	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.	1.3	33
69	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.	4.0	33
70	Evolution of the antibacterial activity and oxidation intermediates during the electrochemical degradation of norfloxacin in a flow cell with a PTFE-doped PbO_2 anode: Critical comparison to a BDD anode. <i>Electrochimica Acta</i> , 2018, 284, 260-270.	2.6	33
71	Optimization of the electrochemical degradation process of the antibiotic ciprofloxacin using a double-sided PbO_2 anode in a flow reactor: kinetics, identification of oxidation intermediates and toxicity evaluation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 4438-4449.	2.7	32
72	Chemical and electrochemical coloration of stainless steel and pitting corrosion resistance studies. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 472-480.	0.6	31

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73	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.	1.5	31
74	Bilayered nanofilm of polypyrrole and poly(DMcT) for high-performance battery cathodes. <i>Journal of Power Sources</i> , 2010, 195, 2924-2927.	4.0	31
75	A comparison of electrodeposited Ti/PbO_2 and Ti-Pt/PbO_2 anodes in the electrochemical degradation of the direct yellow 86 dye. <i>Quimica Nova</i> , 2010, 33, 2124-2129.	0.3	31
76	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.	2.3	31
77	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.	2.6	31
78	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.	3.3	31
79	Isothermal flow calorimetric investigations of the D/Pd and H/Pd systems. <i>Journal of Electroanalytical Chemistry</i> , 1994, 368, 55-66.	1.9	29
80	Corrosion resistance of colored films grown on stainless steel by the alternating potential pulse method. <i>Electrochimica Acta</i> , 2003, 48, 2417-2424.	2.6	29
81	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.	1.5	24
82	Determination of the Polarization Resistance of Rebar in Reinforced Concrete. <i>Corrosion</i> , 1991, 47, 330-335.	0.5	22
83	Square-Wave Voltammetry Determination of Aspartame in Dietary Products Using a Boron-Doped Diamond Electrode. <i>Analytical Letters</i> , 2007, 40, 3195-3207.	1.0	22
84	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.	2.6	22
85	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.	2.9	22
86	Reactivation of passive titanium: the enhancement of O_2 evolution after potentiodynamic cyclings. <i>Electrochemistry Communications</i> , 2000, 2, 254-258.	2.3	21
87	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.	1.3	21
88	Preparation, electrochemical characterization and charge-discharge of reticulated vitreous carbon/polyaniline composite electrodes. <i>Electrochimica Acta</i> , 2009, 55, 227-233.	2.6	20
89	Alternative route for LiFePO_4 synthesis: Carbothermal reduction combined with microwave-assisted solid-state reaction. <i>Materials Research Bulletin</i> , 2017, 86, 209-214.	2.7	20
90	Electrochemical characterization of thin passive films on Nb electrodes in H_3PO_4 solutions. <i>Journal of the Brazilian Chemical Society</i> , 1997, 8, 615-620.	0.6	19

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91	DPV and SWV Determination of Estrone Using a Cathodically Pretreated Boron-doped Diamond Electrode. <i>Electroanalysis</i> , 2014, 26, 1588-1597.	1.5	19
92	Electrodegradation of the Acid Green 28 dye using Ti/PbO ₂ and Ti-Pt/PbO ₂ anodes. <i>Journal of Environmental Management</i> , 2016, 183, 306-313.	3.8	19
93	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.	0.3	18
94	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.	0.6	18
95	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.	0.3	17
96	Combined Coagulation and Electrochemical Process to Treat and Detoxify a Real Textile Effluent. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	17
97	Eletrólise de resíduos poluidores: I - Efluente de uma indústria liofilizadora de condimentos. <i>Química Nova</i> , 1998, 21, 20-24.	0.3	16
98	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.	2.1	16
99	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.	4.0	15
100	A MnO ₂ -based graphite-epoxy electrode as lithium ion sensor. <i>Sensors and Actuators B: Chemical</i> , 2000, 67, 96-100.	4.0	15
101	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.	1.5	15
102	Influence of hydroxyapatite on the corrosion resistance of the Ti-13Nb-13Zr alloy. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 1009-1015.	1.7	15
103	Microwave-assisted crystallization into anatase of amorphous TiO ₂ nanotubes electrochemically grown on a Ti substrate. <i>Materials Letters</i> , 2014, 126, 52-54.	1.3	15
104	Changes of electrochemical properties of polypyrrole when synthesized in a room-temperature ionic liquid. <i>Materials Chemistry and Physics</i> , 2014, 147, 99-104.	2.0	15
105	Studies on the stability of anodic oxides on zirconium biocompatible alloys. <i>Journal of the Brazilian Chemical Society</i> , 2002, 13, .	0.6	13
106	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.	1.5	13
107	Understanding the loss of electrochemical activity of nanosized LiMn ₂ O ₄ particles: a combined experimental and <i>ab initio</i> DFT study. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14967-14974.	5.2	13
108	Practical microwave-assisted solid-state synthesis of the spinel LiMn ₂ O ₄ . <i>Solid State Ionics</i> , 2014, 268, 42-47.	1.3	12

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109	Produção de dióxido de manganês eletrolítico para uso em baterias de lítio. Química Nova, 1999, 22, 600-604.	0.3	12
110	Double-layer studies in ethanolic solutions. Part 2. Adsorption of iodide ion on mercury from solutions of constant ionic strength. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 1143-1148.	1.7	11
111	Production and characterization of Ti/PbO ₂ electrodes by a thermal-electrochemical method. Journal of the Brazilian Chemical Society, 2000, 11, 429-433.	0.6	11
112	Influence of the preparation procedure on the electrochemical properties of Pani(DMcT-Cu) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	0.6	11
113	XPS characterization of anodic oxides grown on biocompatible Ti-50Zr alloy in different acid electrolytes. Surface and Interface Analysis, 2006, 38, 417-421.	0.8	11
114	High-purity LiFePO ₄ prepared by a rapid one-step microwave-assisted hydrothermal synthesis. Journal of Materials Science, 2021, 56, 10018-10029.	1.7	11
115	A new strategy to quickly synthesize true nanoparticles of the spinel LiMn ₂ O ₄ by using a microwave-assisted hydrothermal route. Journal of Alloys and Compounds, 2022, , 164856.	2.8	11
116	Double-layer studies in ethanolic solutions. Part 1. Structure of the mercury/ethanol interface in the absence of specific adsorption. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 2967-2970.	1.7	10
117	Investigation of passive films grown on biocompatible Ti-50Zr and Ti-13Zr-13Nb alloys by XPS. Surface and Interface Analysis, 2006, 38, 410-412.	0.8	9
118	Adsorption isotherms for thiourea at the mercury-solution interface. Electrochimica Acta, 1980, 25, 679-681.	2.6	8
119	The simultaneous adsorption of iodide and thiocyanate ions on mercury. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 184, 179-196.	0.3	8
120	Square-Wave Voltammetric Determination of Paracetamol and Codeine in Pharmaceutical and Human Body Fluid Samples Using a Cathodically Pretreated Boron-Doped Diamond Electrode. Journal of the Brazilian Chemical Society, 2015, , .	0.6	8
121	Comparison between microwave and muffle annealing of self-organized TiO ₂ nanotubes into crystalline anatase. Materials Letters, 2016, 167, 209-212.	1.3	8
122	Electrochemical Studies of the Corrosion of 316L Stainless Steel Coated with Sol-Gel ZrO ₂ Films. Journal of the Brazilian Chemical Society, 1995, 6, 33-37.	0.6	8
123	An Environmentally Friendly and Practical Method for Obtaining Color on Stainless Steel by Interference. Journal of the Electrochemical Society, 2005, 152, B491.	1.3	7
124	Semiconducting Properties of Thin Anodic WO ₃ Films Grown in Different Electrolytes. Journal of the Brazilian Chemical Society, 1994, 5, 123-126.	0.6	7
125	On the simultaneous adsorption of anions on mercury. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1983, 147, 345-346.	0.3	6
126	A proposition about the quantity of which mole is the SI unit. Journal of Chemical Education, 1990, 67, 139.	1.1	6

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127	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.	1.2	6
128	Deposition of polyaniline on RVC electrodes: effect of substrate thickness. <i>Journal of Solid State Electrochemistry</i> , 2007, 11, 609-618.	1.2	6
129	Reposition of numerosity as the SI base quantity whose unit is the mole. <i>Accreditation and Quality Assurance</i> , 2011, 16, 155-159.	0.4	6
130	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.	1.5	5
131	Alguns aspectos históricos da classificação periódica dos elementos químicos. <i>Química Nova</i> , 1997, 20, 103-117.	0.3	4
132	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.	2.0	4
133	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.	1.7	4
134	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.	1.7	4
135	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.	0.8	4
136	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, , .	0.6	3
137	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.	3.9	3
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