

Artur J Motheo

List of Publications by Year in descending order

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163
papers

5,032
citations

81900

39
h-index

118850

62
g-index

163
all docs

163
docs citations

163
times ranked

4476
citing authors

#	ARTICLE	IF	CITATIONS
1	New mechanistic aspects of methanol oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2004, 571, 273-282.	3.8	227
2	Electro-oxidation of ethanol on gold: analysis of the reaction products and mechanism. <i>Journal of Electroanalytical Chemistry</i> , 1998, 444, 31-39.	3.8	188
3	Investigation of corrosion protection of steel by polyaniline films. <i>Electrochimica Acta</i> , 1998, 43, 309-313.	5.2	161
4	Oxidation of the pesticide atrazine at DSA [®] electrodes. <i>Journal of Hazardous Materials</i> , 2006, 137, 565-572.	12.4	145
5	Decolorisation of real textile waste using electrochemical techniques: Effect of the chloride concentration. <i>Water Research</i> , 2007, 41, 2969-2977.	11.3	126
6	New insight into the pathways of methanol oxidation. <i>Electrochemistry Communications</i> , 2003, 5, 843-846.	4.7	122
7	Corrosion protection of aluminium alloy by cerium conversion and conducting polymer duplex coatings. <i>Corrosion Science</i> , 2012, 63, 342-350.	6.6	109
8	Corrosion protection of stainless steel by polyaniline electrosynthesized from phosphate buffer solutions. <i>Progress in Organic Coatings</i> , 2003, 48, 28-33.	3.9	99
9	Application of the ac admittance technique to double-layer studies on polycrystalline gold electrodes. <i>Journal of Electroanalytical Chemistry</i> , 1992, 326, 91-103.	3.8	98
10	Electro-oxidation of glycerol on platinum dispersed in polyaniline matrices. <i>Electrochimica Acta</i> , 2002, 47, 1495-1501.	5.2	97
11	Photoelectrochemical treatment of the dye reactive red 198 using DSA [®] electrodes. <i>Applied Catalysis B: Environmental</i> , 2006, 62, 193-200.	20.2	97
12	Electrochemical degradation of carbaryl on oxide electrodes. <i>Water Research</i> , 2006, 40, 3281-3289.	11.3	95
13	Electrochemical degradation of the dimethyl phthalate ester on a fluoride-doped Ti/I ² -PbO ₂ anode. <i>Chemosphere</i> , 2014, 109, 187-194.	8.2	90
14	Electrochemical oxidation route of methyl paraben on a boron-doped diamond anode. <i>Electrochimica Acta</i> , 2014, 117, 127-133.	5.2	89
15	Electrochemical and sonoelectrochemical processes applied to amaranth dye degradation. <i>Chemosphere</i> , 2014, 117, 200-207.	8.2	88
16	Comparative study of 2-amino and 3-aminobenzoic acid copolymerization with aniline synthesis and copolymer properties. <i>Journal of Polymer Science Part A</i> , 2004, 42, 5587-5599.	2.3	72
17	Photoelectrochemical degradation of humic acid on a (TiO ₂) _{0.7} (RuO ₂) _{0.3} dimensionally stable anode. <i>Applied Catalysis B: Environmental</i> , 2005, 57, 75-81.	20.2	71
18	Influence of Al ₇ Cu ₂ Fe intermetallic particles on the localized corrosion of high strength aluminum alloys. <i>Materials & Design</i> , 2014, 53, 118-123.	5.1	68

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19	Characteristics of polyaniline synthesized in phosphate buffer solution. <i>European Polymer Journal</i> , 2004, 40, 2033-2041.	5.4	65
20	Influence of different types of acidic dopant on the electrodeposition and properties of polyaniline films. <i>Polymer</i> , 1998, 39, 6977-6982.	3.8	64
21	Metallic Biomaterials TiN-Coated: Corrosion Analysis and Biocompatibility. <i>Artificial Organs</i> , 2003, 27, 461-464.	1.9	64
22	Electrochemical degradation of humic acid. <i>Science of the Total Environment</i> , 2000, 256, 67-76.	8.0	63
23	Degradation of amaranth dye in alkaline medium by ultrasonic cavitation coupled with electrochemical oxidation using a boron-doped diamond anode. <i>Electrochimica Acta</i> , 2014, 143, 180-187.	5.2	63
24	A comparative study of commercial and laboratory-made Ti/Ru _{0.3} Ti _{0.7} O ₂ DSA [®] electrodes: <i>in situ</i> and <i>ex situ</i> surface characterisation and organic oxidation activity. <i>Electrochimica Acta</i> , 2006, 52, 936-944.	5.2	62
25	Photo-Assisted Electrochemical Oxidation of Atrazine on a Commercial Ti/Ru _{0.3} Ti _{0.7} O ₂ DSA Electrode. <i>Environmental Science & Technology</i> , 2007, 41, 7120-7125.	10.0	60
26	Decolourisation of real textile waste using electrochemical techniques: Effect of electrode composition. <i>Journal of Hazardous Materials</i> , 2008, 156, 170-177.	12.4	60
27	Effect of monomer ratio in the electrochemical synthesis of poly(aniline-co-o-methoxyaniline). <i>Solid State Ionics</i> , 2004, 171, 91-98.	2.7	58
28	Coupling photo and sono technologies to improve efficiencies in conductive diamond electrochemical oxidation. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 121-128.	20.2	57
29	Treatment of actual effluents produced in the manufacturing of atrazine by a photo-electrolytic process. <i>Chemosphere</i> , 2017, 172, 185-192.	8.2	49
30	Electrochemical Study of Ethanol Oxidation on Nickel in Alkaline Media. <i>Journal of the Brazilian Chemical Society</i> , 1994, 5, 161-165.	0.6	46
31	Attenuated total reflection fourier-transform infrared spectroscopic study of ion ⁻ solvent and ion ⁻ ion interactions in alkali-metal perchlorate ⁻ acetonitrile solutions. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 811-816.	1.7	45
32	Electrochemical immittance spectroscopy applied to the study of the single crystal gold/aqueous perchloric acid interface. <i>Journal of Electroanalytical Chemistry</i> , 1997, 430, 253-262.	3.8	45
33	Unexpected toxicity decrease during photoelectrochemical degradation of atrazine with NaCl. <i>Environmental Chemistry Letters</i> , 2012, 10, 177-182.	16.2	44
34	Study of photo-assisted electrochemical degradation of carbaryl at dimensionally stable anodes (DSA [®]). <i>Journal of Hazardous Materials</i> , 2009, 167, 224-229.	12.4	43
35	Solar-active clay-TiO ₂ nanocomposites prepared via biomass assisted synthesis: Efficient removal of ampicillin, sulfamethoxazole and artemether from water. <i>Chemical Engineering Journal</i> , 2020, 398, 125544.	12.7	43
36	Electrochemical degradation of the dye reactive orange 16 using electrochemical flow-cell. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 1299-1306.	0.6	42

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37	Multilayers of PANi/n-TiO ₂ and PANi on carbon steel and welded carbon steel for corrosion protection. <i>Surface and Coatings Technology</i> , 2016, 289, 23-28.	4.8	42
38	Characterisation of Au(111) and Au(210) aqueous solution interfaces by electrochemical impedance spectroscopy. <i>Journal of Electroanalytical Chemistry</i> , 1998, 455, 107-119.	3.8	41
39	Capacitance dispersion in EIS measurements of halides adsorption on Au(210). <i>Electrochimica Acta</i> , 2006, 51, 1215-1224.	5.2	41
40	SnO ₂ -based materials for pesticide degradation. <i>Journal of Hazardous Materials</i> , 2010, 180, 145-151.	12.4	41
41	Photo-assisted electrochemical degradation of sulfamethoxazole using a Ti/Ru _{0.3} Ti _{0.7} O ₂ anode: Mechanistic and kinetic features of the process. <i>Journal of Environmental Management</i> , 2017, 201, 153-162.	7.8	39
42	Application of Fenton, photo-Fenton and electro-Fenton processes for the methylparaben degradation: A comparative study. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106992.	6.7	39
43	Route of electrochemical oxidation of the antibiotic sulfamethoxazole on a mixed oxide anode. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15004-15015.	5.3	38
44	Electrocatalytic oxidation of acetaldehyde on Pt alloy electrodes. <i>Electrochimica Acta</i> , 2004, 49, 2077-2083.	5.2	37
45	Comparing atrazine and cyanuric acid electro-oxidation on mixed oxide and boron-doped diamond electrodes. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 1043-1051.	2.2	37
46	Electrochemical and sonoelectrochemical processes applied to the degradation of the endocrine disruptor methyl paraben. <i>Journal of Applied Electrochemistry</i> , 2014, 44, 1317-1325.	2.9	37
47	Characteristics of polyaniline electropolymerized in camphor sulfonic acid. <i>Synthetic Metals</i> , 1995, 69, 141-142.	3.9	36
48	Title is missing!. <i>Journal of Applied Electrochemistry</i> , 2001, 31, 1351-1357.	2.9	36
49	Preliminary evaluation of the electrochemical and chemical coagulation processes in the post-treatment of effluent from an upflow anaerobic sludge blanket (UASB) reactor. <i>Journal of Environmental Management</i> , 2007, 85, 847-857.	7.8	36
50	Effect of electrolyte on the chemical polymerization of aniline. <i>European Polymer Journal</i> , 2004, 40, 1445-1450.	5.4	35
51	Anticorrosive cerium-based coatings prepared by the sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 52, 415-423.	2.4	35
52	Electrochemical degradation of tetracycline in artificial urine medium. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 1001-1009.	2.5	35
53	AFM study of the initial stages of polyaniline growth on ITO electrode. <i>Electrochemistry Communications</i> , 2001, 3, 229-233.	4.7	33
54	The oxidation of formaldehyde on high overvoltage DSA type electrodes. <i>Journal of the Brazilian Chemical Society</i> , 2000, 11, 16-21.	0.6	32

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55	Avaliação dos tratamentos eletroquímico e fotoeletroquímico na degradação de corantes têxteis. <i>Química Nova</i> , 2006, 29, 983-989.	0.3	32
56	Performance of (in)active anodic materials for the electrooxidation of phenolic wastewaters from cashew-nut processing industry. <i>Chemosphere</i> , 2018, 201, 740-748.	8.2	32
57	Effect of the electrolyte on the electrolysis and photoelectrolysis of synthetic methyl paraben polluted wastewater. <i>Separation and Purification Technology</i> , 2019, 208, 201-207.	7.9	32
58	Electrosynthesized polyaniline for the corrosion protection of aluminum alloy 2024-T3. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 52-58.	0.6	31
59	Anodic treatment of aluminum in nitric acid containing aniline, previous to deposition of polyaniline and its role on corrosion. <i>Synthetic Metals</i> , 2004, 140, 23-27.	3.9	31
60	Photo-assisted electrochemical degradation of real textile wastewater. <i>Water Science and Technology</i> , 2010, 61, 491-498.	2.5	31
61	Application of Electrochemical Degradation of Wastewater Composed of Mixtures of Phenol e Formaldehyde. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 4895-4904.	2.4	31
62	Sonoelectrolysis of Wastewaters Polluted with Dimethyl Phthalate. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 9674-9682.	3.7	31
63	Modeling of photolytic degradation of sulfamethoxazole using boosted regression tree (BRT), artificial neural network (ANN) and response surface methodology (RSM); energy consumption and intermediates study. <i>Chemosphere</i> , 2021, 276, 130151.	8.2	30
64	Electrochemical Determination of Roughness of Silver Electrode Surface. <i>Journal of the Brazilian Chemical Society</i> , 1993, 4, 122-127.	0.6	30
65	Electrochemical removal of dimethyl phthalate with diamond anodes. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 282-289.	3.2	28
66	Alachlor removal performance of Ti/Ru0.3Ti0.7O2 anodes prepared from ionic liquid solution. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1571-1580.	2.5	28
67	In situ vibrational spectroscopy analysis of adsorbed phosphate species on gold single crystal electrodes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 134, 103-111.	4.7	27
68	Synthesis in phytic acid medium and application as anticorrosive coatings of polyaniline-based materials. <i>Surface and Coatings Technology</i> , 2015, 275, 26-31.	4.8	27
69	Photo-assisted electrochemical degradation of simulated textile effluent coupled with simultaneous chlorine photolysis. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19292-19301.	5.3	27
70	Photo-assisted electrochemical degradation of the dimethyl phthalate ester on DSA® electrode. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 811-818.	6.7	26
71	Microfluidic devices with integrated dual-capacitively coupled contactless conductivity detection to monitor binding events in real time. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 239-246.	7.8	25
72	A study of the adsorption of acetonitrile on a gold electrode from aqueous solutions using in situ vibrational spectroscopy. <i>Journal of Electroanalytical Chemistry</i> , 1992, 339, 339-353.	3.8	24

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73	Performance of polyaniline electrosynthesized in the presence of trichloroacetic acid as a battery cathode. <i>Journal of Power Sources</i> , 2001, 94, 36-39.	7.8	24
74	Aspects of polyaniline electrodeposition on aluminium. <i>Journal of Solid State Electrochemistry</i> , 2005, 9, 416-420.	2.5	24
75	Using a new photo-reactor to promote conductive-diamond electrochemical oxidation of dimethyl phthalate. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1251-1258.	3.2	24
76	Electro-oxidation of methyl paraben on DSA®-Cl ₂ : UV irradiation, mechanistic aspects and energy consumption. <i>Electrochimica Acta</i> , 2020, 338, 135901.	5.2	24
77	The gold (210) perchloric acid interface: impedance spectroscopy. <i>Journal of Electroanalytical Chemistry</i> , 1995, 397, 331-334.	3.8	23
78	Recent advances on the use of active anodes in environmental electrochemistry. <i>Current Opinion in Electrochemistry</i> , 2021, 27, 100689.	4.8	23
79	The adsorption of bromide ions on mercury from propylene carbonate solutions of constant ionic strength. <i>Electrochimica Acta</i> , 1991, 36, 1971-1977.	5.2	22
80	Electrocombustion of humic acid and removal of algae from aqueous solutions. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 721-727.	2.9	22
81	Coupling Ultrasound to the Electro-Oxidation of Methyl Paraben Synthetic Wastewater: Effect of Frequency and Supporting Electrolyte. <i>ChemElectroChem</i> , 2019, 6, 1199-1205.	3.4	21
82	Electrodeposition of Nickel on Carbon felt. <i>Electrochimica Acta</i> , 2004, 49, 4933-4938.	5.2	20
83	Capacitance dispersion in electrochemical impedance spectroscopy measurements of iodide adsorption on Au(111). <i>Applied Surface Science</i> , 2006, 253, 1379-1386.	6.1	20
84	Electrooxidation of benzyl alcohol and benzaldehyde on a nickel oxy-hydroxide electrode in a filter-press type cell. <i>Journal of Applied Electrochemistry</i> , 2006, 36, 1035-1041.	2.9	20
85	Modelling water adsorption on Au(210) surfaces. I. A force field for water-Au interactions by DFT. <i>Journal of Electroanalytical Chemistry</i> , 2007, 609, 140-146.	3.8	20
86	Polyaniline synthesized in propylene carbonate medium in the presence of di- and tri-chloroacetic acids. Part I. Polymer growth studies. <i>Electrochimica Acta</i> , 1998, 43, 755-762.	5.2	19
87	Mechanistic proposal for the electrochemical and sonoelectrochemical oxidation of thiram on a boron-doped diamond anode. <i>Ultrasonics Sonochemistry</i> , 2016, 28, 21-30.	8.2	19
88	Effects of ultrasound irradiation on the electrochemical treatment of wastes containing micelles. <i>Applied Catalysis B: Environmental</i> , 2019, 248, 108-114.	20.2	19
89	Sunlight-active Cu/Fe@ZnWO ₄ -kaolinite composites for degradation of acetaminophen, ampicillin and sulfamethoxazole in water. <i>Ceramics International</i> , 2021, 47, 19220-19233.	4.8	19
90	Photo-assisted electrochemical degradation of the commercial herbicide atrazine. <i>Water Science and Technology</i> , 2010, 62, 2729-2736.	2.5	18

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91	Electro-oxidation of tetracycline in methanol media on DSA®-Cl ₂ . <i>Chemosphere</i> , 2021, 273, 129696.	8.2	18
92	Treatment of real dairy wastewater by electrolysis and photo-assisted electrolysis in presence of chlorides. <i>Water Science and Technology</i> , 2019, 80, 961-969.	2.5	16
93	Pd-P electroless deposition on carbon steel: An electrochemical impedance spectroscopy study. <i>Journal of Electroanalytical Chemistry</i> , 2005, 581, 86-92.	3.8	15
94	Use of electrochemical oxidation process as post-treatment for the effluents of a UASB reactor treating cellulose pulp mill wastewater. <i>Water Science and Technology</i> , 2006, 54, 207-213.	2.5	15
95	Modelling water adsorption on Au(210) surfaces: II. Monte Carlo simulations. <i>Journal of Electroanalytical Chemistry</i> , 2008, 612, 179-185.	3.8	14
96	Inactivation, lysis and degradation by-products of <i>Saccharomyces cerevisiae</i> by electrooxidation using DSA. <i>Environmental Science and Pollution Research</i> , 2017, 24, 6096-6105.	5.3	14
97	PAni as Prospective Replacement of Chromium Conversion Coating in the Protection of Steels and Aluminum Alloys. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 415, 229-238.	0.9	13
98	Spectroscopic and microscopic study of Prussian blue film for electrochromic device application. <i>Electrochimica Acta</i> , 2015, 175, 176-183.	5.2	13
99	Influence of the Synthesis Parameters on the Polyluminal Properties. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 447, 65/[383]-73/[391].	0.9	12
100	Production of value-added substances from the electrochemical oxidation of volatile organic compounds in methanol medium. <i>Chemical Engineering Journal</i> , 2022, 440, 135803.	12.7	12
101	The galvanostatic oxidation of aldehydes to acids on Ti/Ru _{0.3} Ti _{0.7} O ₂ electrodes using a filter-press cell. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 65-70.	0.6	11
102	Pt film electrodes prepared by the Pechini method for electrochemical decolourisation of Reactive Orange 16. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 117-121.	2.9	11
103	Effect of surface treatments based on self-assembling molecules and cerium coatings on the AA3003 alloy corrosion resistance. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2013, 64, 199-206.	1.5	11
104	Photo-assisted Electrochemical Degradation of Textile Effluent to Reduce Organic Halide (AOX) Production. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	11
105	A Study of the Underpotential Deposition of Lead on Gold by UV-Visible Differential Reflectance Spectroscopy. <i>Journal of the Brazilian Chemical Society</i> , 1998, 9, 31-38.	0.6	10
106	Role of a chelating agent in the formation of polyaniline films on aluminum. <i>Journal of Applied Polymer Science</i> , 2003, 90, 819-823.	2.6	10
107	The influence of P content on the electrocatalytic properties of Pd-P electroless alloys for HER on aqueous/ethanolic media. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 103-107.	0.6	10
108	The influence of experimental parameters on the structure, morphology and electrochemical behavior of Pd-P thin films prepared by electroless deposition. <i>Thin Solid Films</i> , 2008, 516, 6266-6276.	1.8	10

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109	Environmentally friendly sol - gel-based anticorrosive coatings on aluminum alloy 2024. <i>Materials Research</i> , 2013, 16, 1315-1324.	1.3	10
110	Corrosion Protection of AA7075 Aluminium Alloy by Trimethoxy-Silanes Self-Assembled Monolayers. <i>ISRN Electrochemistry</i> , 2013, 2013, 1-9.	0.9	9
111	Removal of phthalic acid from aqueous solution using a photo-assisted electrochemical method. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 429-435.	6.7	9
112	Competitive Anodic Oxidation of Methyl Paraben and Propylene Glycol: Keys to Understand the Process. <i>ChemElectroChem</i> , 2019, 6, 771-778.	3.4	9
113	Electrochemical degradation of a methyl paraben and propylene glycol mixture: Interference effect of competitive oxidation and pH stability. <i>Chemosphere</i> , 2022, 287, 132229.	8.2	9
114	The Influence of Anions on the Underpotential Deposition of Cooper on a Polycrystalline Gold Substrate. <i>Journal of the Brazilian Chemical Society</i> , 1996, 7, 1-6.	0.6	9
115	Characteristics of polyaniline electrosynthesized in propylene carbonate medium in the presence of di- and trichloroacetic acids. <i>Journal of the Brazilian Chemical Society</i> , 2001, 12, 526-531.	0.6	8
116	Electrochemical Degradation of Methyl Paraben Using a Boron-Doped Diamond Anode. <i>ECS Transactions</i> , 2012, 43, 111-117.	0.5	8
117	The adsorption of dimethyl sulfoxide on mercury electrodes. <i>Electrochimica Acta</i> , 1996, 41, 2631-2638.	5.2	7
118	Electrochemical Degradation of Dimethyl Phthalate Ester on a DSA [®] Electrode. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	7
119	Combination of granular activated carbon adsorption and electrochemical oxidation processes in methanol medium for benzene removal. <i>Electrochimica Acta</i> , 2022, 425, 140681.	5.2	7
120	Analysis of thermodynamic data for the adsorption of organic molecules at polarizable interfaces with consideration of medium effects. <i>The Journal of Physical Chemistry</i> , 1988, 92, 6368-6373.	2.9	6
121	Aspects of the Chemical Synthesis of PANi-DBSA and its Properties. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 447, 215/[533]-222/[540].	0.9	6
122	PAni-CMC: Preparation, Characterization and Application to Corrosion Protection. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 448, 261/[863]-267/[869].	0.9	6
123	The effect of titanium on pitting corrosion resistance of welded supermartensitic stainless steel. <i>Corrosion Engineering Science and Technology</i> , 2017, 52, 141-148.	1.4	6
124	Fatigue resistance, electrochemical corrosion and biological response of Ti-15Mo with surface modified by amorphous TiO ₂ nanotubes layer. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 86-96.	3.4	6
125	Screening process for activity determination of conductive oxide electrodes for organic oxidation. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 672-678.	0.6	6
126	Aspects on Fundaments and Applications of Conducting Polymers. , 2012, , .		6

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127	Electrochemical Behaviour of the AA2024 Aluminium Alloy Modified with Self-Assembled Monolayers/Polyaniline Double Films. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 521, 179-186.	0.9	5
128	Electrochemical Oxidation of Ethinylestradiol on a Commercial Ti/Ru0.3 Ti0.7O2 DSA Electrode. <i>ISRN Environmental Chemistry</i> , 2013, 2013, 1-7.	0.9	5
129	Cyclic voltammetric behaviour of dimensionally stable anodes in the presence of C1 - C3 aldehydes. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 645-650.	0.6	5
130	The influence of ionic strength on the adsorption of azide ions on mercury electrodes. <i>Canadian Journal of Chemistry</i> , 1986, 64, 413-418.	1.1	4
131	The adsorption of formate and acetate ions on mercury electrodes from constant ionic strength solutions. <i>Electrochimica Acta</i> , 1989, 34, 641-645.	5.2	4
132	Polyaniline Synthesized in Phosphate Buffered Media Applied to Corrosion Protection. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 374, 391-396.	0.9	4
133	Preparation and characterization of polyaniline powder synthesized on microstructured aluminium. <i>Journal of Applied Electrochemistry</i> , 2003, 33, 355-360.	2.9	4
134	Assessment of electrochemical and chemical coagulation as post-treatment for the effluents of a UASB reactor treating cellulose pulp mill wastewater. <i>Water Science and Technology</i> , 2005, 52, 183-188.	2.5	4
135	Electrochemical removal of Cu(II) in the presence of humic acid. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 651-658.	0.6	4
136	Influence of Reaction Conditions on Synthesis of PANi/MnO ₂ Composites. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 522, 97/[397]-104/[404].	0.9	4
137	Electrochemical degradation of aqueous alachlor and atrazine: products identification, lipophilicity, and ecotoxicity. <i>Eletica Quimica</i> , 2019, 44, 12.	0.5	4
138	UV-VIS SPECTROELECTROCHEMICAL IN SITU STUDY DURING THE ELECTROSYNTHESIS OF COPOLYMERS. <i>Journal of the Chilean Chemical Society</i> , 2019, 64, 4553-4557.	1.2	4
139	Using niobium/BDD anode-based multi-cell flow reactor for the electrochemical oxidation of methyl paraben in the presence of surfactants. <i>Journal of Water Process Engineering</i> , 2021, 44, 102439.	5.6	4
140	Simultaneous adsorption of thiourea and thiocyanate ions on mercury electrodes. Part I. Influence of thiourea on anion adsorption. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 1005-1011.	1.7	3
141	Characteristics of pyridine adsorption on Au(111) and Au(210) by EIS parameters fitting procedure. <i>Eletica Quimica</i> , 2003, 28, 29-40.	0.5	3
142	Electropolymerization Studies of PANi/(poly)luminol Over Platinum Electrodes. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 484, 322/[688]-334/[700].	0.9	3
143	Monte Carlo simulation of the adsorption of phenol on gold electrodes: a simple model. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, .	0.6	3
144	Visualisation of the Galvanic Effects at Welds on Carbon Steel. <i>Journal of the Brazilian Chemical Society</i> , 2015, .	0.6	3

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145	The characterization of the Hg/H ₃ PO ₄ interface from studies of adsorption of dimethylsulfoxide. <i>Electrochimica Acta</i> , 1990, 35, 1901-1906.	5.2	2
146	Corrosion Protection of Aluminum Alloys by Methoxy-Silanes(SAM)/Polyaniline Double Films. <i>ECS Transactions</i> , 2012, 43, 57-64.	0.5	2
147	Electrocatalytic Oxidation of Organic Substrates at Carbon Electrodes Modified with a Ruthenium-Containing Azo Phenol Polymer. <i>Journal of the Electrochemical Society</i> , 2014, 161, E142-E150.	2.9	2
148	Electrodegradation of cyclophosphamide in artificial urine by combined methods. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 1782-1797.	2.2	2
149	Adsorption of acetamide at the mercury/aqueous solution interface. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990, 86, 4037.	1.7	1
150	Formação docente no ensino superior de Química: contribuições dos programas de aperfeiçoamento de ensino. <i>Química Nova</i> , 2011, 34, 714-719.	0.3	1
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