

Giancarlo R Salazar-Banda

List of Publications by Year in descending order

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166
papers

3,617
citations

126907

33
h-index

214800

47
g-index

169
all docs

169
docs citations

169
times ranked

3515
citing authors

#	ARTICLE	IF	CITATIONS
1	On the changing electrochemical behaviour of boron-doped diamond surfaces with time after cathodic pre-treatments. <i>Electrochimica Acta</i> , 2006, 51, 4612-4619.	5.2	206
2	Fullerene applications in fuel cells: A review. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 17944-17959.	7.1	90
3	Determination of the adhesion force between particles and a flat surface, using the centrifuge technique. <i>Powder Technology</i> , 2007, 173, 107-117.	4.2	82
4	Electrochemical oxidation of benzene on boron-doped diamond electrodes. <i>Chemosphere</i> , 2007, 66, 2152-2158.	8.2	73
5	Boron-doped diamond powder as catalyst support for fuel cell applications. <i>Electrochemistry Communications</i> , 2007, 9, 59-64.	4.7	73
6	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.	2.9	66
7	Vinasse degradation using <i>Pleurotus sajor-caju</i> in a combined biological & Electrochemical oxidation treatment. <i>Separation and Purification Technology</i> , 2018, 192, 287-296.	7.9	61
8	Carbon black supported Au-Pd core-shell nanoparticles within a dihexadecylphosphate film for the development of hydrazine electrochemical sensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 535-542.	7.8	59
9	AuPd/C core-shell and alloy nanoparticles with enhanced catalytic activity toward the electro-oxidation of ethanol in alkaline media. <i>Applied Catalysis B: Environmental</i> , 2019, 251, 313-325.	20.2	57
10	Electroanalytical Determination of Lidocaine in Pharmaceutical Preparations Using Boron-Doped Diamond Electrodes. <i>Electroanalysis</i> , 2007, 19, 1189-1194.	2.9	56
11	Sol-gel-modified boron-doped diamond surfaces for methanol and ethanol electro-oxidation in acid medium. <i>Journal of Power Sources</i> , 2006, 162, 9-20.	7.8	55
12	Developments in electrode materials for wastewater treatment. <i>Current Opinion in Electrochemistry</i> , 2021, 26, 100663.	4.8	55
13	Boron-doped diamond electrode acting as a voltammetric sensor for the detection of methomyl pesticide. <i>Journal of Electroanalytical Chemistry</i> , 2017, 789, 100-107.	3.8	51
14	A New Indirect Electroanalytical Method to Monitor the Contamination of Natural Waters with 4-Nitrophenol Using Multiwall Carbon Nanotubes. <i>Electroanalysis</i> , 2009, 21, 1091-1098.	2.9	49
15	Understanding the electrolytic generation of sulfate and chlorine oxidative species with different boron-doped diamond anodes. <i>Journal of Electroanalytical Chemistry</i> , 2020, 857, 113756.	3.8	46
16	Enhanced ethanol oxidation on PbOx-containing electrode materials for fuel cell applications. <i>Journal of Power Sources</i> , 2007, 171, 355-362.	7.8	45
17	Platinum-tin/carbon catalysts for ethanol oxidation: Influence of Sn content on the electroactivity and structural characteristics. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 12674-12686.	7.1	45
18	Electroanalysis of Pharmaceuticals on Boron-Doped Diamond Electrodes: A Review. <i>ChemElectroChem</i> , 2019, 6, 2350-2378.	3.4	45

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19	Environmental aspects of hormones estriol, 17 β -estradiol and 17 β -ethinylestradiol: Electrochemical processes as next-generation technologies for their removal in water matrices. <i>Chemosphere</i> , 2021, 267, 128888.	8.2	44
20	Electrochemical mineralization of cephalexin using a conductive diamond anode: A mechanistic and toxicity investigation. <i>Chemosphere</i> , 2017, 168, 638-647.	8.2	43
21	Enhanced stability and electrocatalytic properties of Ti/Ru Ir γ O ₂ anodes produced by a new laser process. <i>Chemical Engineering Journal</i> , 2019, 355, 439-447.	12.7	43
22	Current overview and perspectives on carbon-based (bio)sensors for carbamate pesticides electroanalysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115779.	11.4	43
23	Effect of the catalyst composition in the Pt _x (Ru δ Ir γ) _{1-x} /C system on the electro-oxidation of methanol in acid media. <i>Journal of Power Sources</i> , 2008, 179, 42-49.	7.8	42
24	Synthesis and characterization of highly active Pb _x @Pt _y /C core-shell nanoparticles toward glycerol electrooxidation. <i>Applied Catalysis B: Environmental</i> , 2016, 198, 38-48.	20.2	42
25	Methanol and ethanol electro-oxidation on Pt δ SnO ₂ and Pt δ Ta ₂ O ₅ sol δ gel-modified boron-doped diamond surfaces. <i>Materials Chemistry and Physics</i> , 2009, 117, 434-442.	4.0	39
26	Pt δ Sn/C catalysts prepared by sodium borohydride reduction for alcohol oxidation in fuel cells: Effect of the precursor addition order. <i>Journal of Power Sources</i> , 2014, 268, 225-232.	7.8	38
27	Highly active Pt ₃ Rh/C nanoparticles towards ethanol electrooxidation. Influence of the catalyst structure. <i>Applied Catalysis B: Environmental</i> , 2019, 254, 113-127.	20.2	38
28	Effects of Ultrasound on the Degradation of Pentachlorophenol by Boron-Doped Diamond Electrodes. <i>Portugaliae Electrochimica Acta</i> , 2010, 28, 405-415.	1.1	38
29	The processes involved in the Se electrodeposition and dissolution on Au electrode: the H ₂ Se formation. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 679-686.	2.5	37
30	Improving the stability of Sb doped Sn oxides electrode thermally synthesized by using an acid ionic liquid as solvent. <i>Chemical Engineering Journal</i> , 2011, 171, 1253-1262.	12.7	37
31	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
32	Development of Ti/(RuO ₂) _{0.8} (MO ₂) _{0.2} (M=Ce, Sn or Ir) anodes for atrazine electro-oxidation. Influence of the synthesis method. <i>Materials Letters</i> , 2015, 146, 4-8.	2.6	37
33	Anticorrosive cerium-based coatings prepared by the sol δ gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 52, 415-423.	2.4	35
34	Wet chemical synthesis of rare earth-doped barium titanate nanoparticles. <i>Journal of Materials Science</i> , 2016, 51, 4709-4727.	3.7	35
35	Influence of the doping level of boron-doped diamond anodes on the removal of penicillin G from urine matrixes. <i>Science of the Total Environment</i> , 2020, 736, 139536.	8.0	35
36	Effective removal of Orange-G azo dye from water by electro-Fenton and photoelectro-Fenton processes using a boron-doped diamond anode. <i>Separation and Purification Technology</i> , 2016, 160, 145-151.	7.9	34

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37	Sonovoltammetric determination of toxic compounds in vegetables and fruits using diamond electrodes. <i>Food Chemistry</i> , 2009, 116, 1029-1035.	8.2	33
38	Electroanalytical sensing of indigo carmine dye in water samples using a cathodically pretreated boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2016, 769, 28-34.	3.8	33
39	Improved ethanol electro-oxidation at Ni@Pd/C and Ni@PdRh/C core-shell catalysts. <i>Journal of Catalysis</i> , 2020, 391, 175-189.	6.2	33
40	Pt and Pt-Rh nanowires supported on carbon and SnO ₂ :Sb nanoparticles for ethanol electrochemical oxidation in acidic media. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 178-188.	7.1	32
41	Determination of triazine herbicides: development of an electroanalytical method utilizing a solid amalgam electrode that minimizes toxic waste residues, and a comparative study between voltammetric and chromatographic techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2245-2253.	3.7	31
42	Electrochemical degradation of Reactive Black 5 with surface response and artificial neural networks optimization models. <i>Separation Science and Technology</i> , 2018, 53, 2647-2661.	2.5	31
43	New laser-based method for the synthesis of stable and active Ti/SnO ₂ -Sb anodes. <i>Electrochimica Acta</i> , 2020, 332, 135478.	5.2	31
44	Novel eco-friendly method to prepare Ti/RuO ₂ -IrO ₂ anodes by using polyvinyl alcohol as the solvent. <i>Journal of Electroanalytical Chemistry</i> , 2020, 859, 113822.	3.8	31
45	AFM studies and electrochemical characterization of boron-doped diamond surfaces modified with metal oxides by the Sol-Gel method. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 257-264.	0.6	31
46	Influence of the synthesis method on the preparation of barium titanate nanoparticles. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 103, 12-20.	3.6	30
47	Influence of the calcination temperature and ionic liquid used during synthesis procedure on the physical and electrochemical properties of Ti/(RuO ₂) _{0.8} (Sb ₂ O ₄) _{0.2} anodes. <i>Journal of Electroanalytical Chemistry</i> , 2018, 829, 116-128.	3.8	30
48	Microwave synthesis of Ti/(RuO ₂) _{0.5} (IrO ₂) _{0.5} anodes: Improved electrochemical properties and stability. <i>Journal of Electroanalytical Chemistry</i> , 2020, 874, 114460.	3.8	30
49	The influence of the synthesis method of Ti/RuO ₂ electrodes on their stability and catalytic activity for electrochemical oxidation of the pesticide carbaryl. <i>Materials Chemistry and Physics</i> , 2014, 148, 39-47.	4.0	29
50	Sonovoltammetric determination of 4-nitrophenol on diamond electrodes. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 1095-1099.	0.6	28
51	Unexpected Enhancement of Electrocatalytic Nature of Ti/(RuO ₂) ₂ (Sb ₂ O ₅) ₅ Anodes Prepared by the Ionic Liquid-Thermal Decomposition Method. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 3182-3187.	3.7	28
52	Influence of heating rate on the physical and electrochemical properties of mixed metal oxides anodes synthesized by thermal decomposition method applying an ionic liquid. <i>Journal of Electroanalytical Chemistry</i> , 2018, 813, 127-133.	3.8	28
53	Alachlor removal performance of Ti/Ru _{0.3} Ti _{0.7} O ₂ anodes prepared from ionic liquid solution. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1571-1580.	2.5	28
54	Synthesis, Characterization, and Electrocatalytic Activity toward Methanol Oxidation of Carbon-Supported Pt _x (RuO ₂ -M) _{1-x} Composite Ternary Catalysts (M = CeO ₂ , MoO ₃ , or PbO _x). <i>Energy & Fuels</i> , 2010, 24, 4012-4024.	5.1	27

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55	Photoelectrolysis of clopyralid wastes with a novel laser-prepared MMO-RuO ₂ TiO ₂ anode. <i>Chemosphere</i> , 2020, 244, 125455.	8.2	27
56	Improved stability of PtOx sol-gel-modified diamond electrodes covered with a Nafion® film. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 903-906.	0.6	27
57	A simple and sensitive detection of diquat herbicide using a dental amalgam electrode A comparison using the chromatographic technique. <i>Talanta</i> , 2009, 79, 1216-1222.	5.5	26
58	Degradation of pesticide mixture by electro-Fenton in filter-press reactor. <i>Journal of Water Process Engineering</i> , 2018, 25, 222-235.	5.6	25
59	Determination of 5-aminosalicylic acid in pharmaceutical formulations by square wave voltammetry at pencil graphite electrodes. <i>Quimica Nova</i> , 2010, 33, 964-967.	0.3	24
60	Time and calcination temperature influence on the electrocatalytic efficiency of Ti/SnO ₂ :Sb(5%),Gd(2%) electrodes towards the electrochemical oxidation of naphthalene. <i>Journal of Electroanalytical Chemistry</i> , 2018, 816, 232-241.	3.8	24
61	Novel Ti/RuO ₂ IrO ₂ anode to reduce the dangerousness of antibiotic polluted urines by Fenton-based processes. <i>Chemosphere</i> , 2021, 270, 129344.	8.2	24
62	Square-wave voltammetric determination of rosuvastatin calcium in pharmaceutical and biological fluid samples using a cathodically pretreated boron-doped diamond electrode. <i>Diamond and Related Materials</i> , 2015, 58, 103-109.	3.9	23
63	Testing the role of electrode materials on the electro-Fenton and photoelectro-Fenton degradation of clopyralid. <i>Journal of Electroanalytical Chemistry</i> , 2020, 871, 114291.	3.8	23
64	Lignin-modifying enzymes: a green and environmental responsive technology for organic compound degradation. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 327-342.	3.2	23
65	Electroanalytical Determination of Nitrosamines in Aqueous Solution Using a Boron-Doped Diamond Electrode. <i>Electroanalysis</i> , 2008, 20, 396-401.	2.9	22
66	Influence of the annealing temperature and metal salt precursor on the structural characteristics and anti-corrosion barrier effect of CeO ₂ sol-gel protective coatings of carbon steel. <i>Ceramics International</i> , 2014, 40, 13437-13446.	4.8	22
67	Sn@Pt and Rh@Pt core-shell nanoparticles synthesis for glycerol oxidation. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 139-150.	2.9	22
68	Enhancement of wastewater treatment using novel laser-made Ti/SnO ₂ -Sb anodes with improved electrocatalytic properties. <i>Chemosphere</i> , 2020, 259, 127475.	8.2	22
69	The influence of different co-catalysts in Pt-based ternary and quaternary electro-catalysts on the electro-oxidation of methanol and ethanol in acid media. <i>Journal of Electroanalytical Chemistry</i> , 2012, 668, 13-25.	3.8	21
70	Testing and scaling-up of a novel Ti/Ru _{0.7} Ti _{0.3} O ₂ mesh anode in a microfluidic flow-through reactor. <i>Chemical Engineering Journal</i> , 2020, 398, 125568.	12.7	21
71	Characterization and comparison of Ti/TiO ₂ -NT/SnO ₂ -SbBi, Ti/SnO ₂ -SbBi and BDD anode for the removal of persistent iodinated contrast media (ICM). <i>Chemosphere</i> , 2020, 253, 126701.	8.2	21
72	Study of electrooxidation and enhanced voltammetric determination of β -blocker pindolol using a boron-doped diamond electrode. <i>Diamond and Related Materials</i> , 2018, 82, 109-114.	3.9	20

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73	Electrochemical systems equipped with 2D and 3D microwave-made anodes for the highly efficient degradation of antibiotics in urine. <i>Electrochimica Acta</i> , 2021, 392, 139012.	5.2	20
74	Sequence-specific electrochemical detection of <i>Alicyclobacillus acidoterrestris</i> DNA using electroconductive polymer-modified fluorine tin oxide electrodes. <i>Analyst</i> , 2009, 134, 314-319.	3.5	19
75	Cadmium and lead removal from aqueous synthetic wastes utilizing Chemelec electrochemical reactor: Study of the operating conditions. <i>Separation and Purification Technology</i> , 2012, 88, 107-115.	7.9	19
76	Electrochemical oxidation and electroanalytical determination of xylitol at a boron-doped diamond electrode. <i>Talanta</i> , 2014, 119, 509-516.	5.5	19
77	Outstanding performance of the microwave-made MMO-Ti/RuO ₂ /IrO ₂ anode on the removal of antimicrobial activity of Penicillin G by photoelectrolysis. <i>Chemical Engineering Journal</i> , 2021, 420, 129999.	12.7	19
78	Electrochemical and/or microbiological treatment of pyrolysis wastewater. <i>Chemosphere</i> , 2017, 185, 145-151.	8.2	18
79	Electrochemical oxidation of indanthrene blue dye in a filter-press flow reactor and toxicity analyses with <i>Raphidocelis subcapitata</i> and <i>Lactuca sativa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 198, 110659.	6.0	18
80	Carbon supported electrocatalysts prepared by the sol-gel method and their utilization for the oxidation of methanol in acid media. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 49, 131-136.	2.4	17
81	Solubility of Carbon Dioxide in Ethane-1,2-diol-Water Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 3464-3469.	1.9	17
82	Ternary dimensionally stable anodes composed of RuO ₂ and IrO ₂ with CeO ₂ , SnO ₂ , or Sb ₂ O ₃ for efficient naphthalene and benzene electrochemical removal. <i>Journal of Applied Electrochemistry</i> , 2017, 47, 547-561.	2.9	17
83	Superior ethanol electrooxidation activity of Pd supported on Ni(OH) ₂ /C. The effect of Ni(OH) ₂ nanosheets content. <i>Journal of Electroanalytical Chemistry</i> , 2020, 878, 114683.	3.8	16
84	Influence of the RuO ₂ layer thickness on the physical and electrochemical properties of anodes synthesized by the ionic liquid method. <i>Electrochimica Acta</i> , 2020, 354, 136625.	5.2	16
85	Electrodeposition and characterization of undoped and nitrogen-doped ZnSe films. <i>Materials Chemistry and Physics</i> , 2010, 121, 58-62.	4.0	15
86	Effects of temperature and heating method on the performance of Ti/Ru _{0.25} Ir _{0.25} Ti _{0.50} O ₂ anodes applied toward Bisphenol S removal. <i>Electrochimica Acta</i> , 2020, 364, 137273.	5.2	15
87	Improving biodegradability of clopyralid wastes by photoelectrolysis: The role of the anode material. <i>Journal of Electroanalytical Chemistry</i> , 2020, 864, 114084.	3.8	15
88	Hyper-production optimization of fungal oxidative green enzymes using citrus low-cost byproduct. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105013.	6.7	15
89	Platinum-rhodium-tin/carbon electrocatalysts for ethanol oxidation in acid media: effect of the precursor addition order and the amount of tin. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 1057-1068.	2.9	14
90	Improved electrocatalytic activity of Pt supported onto Fe-doped TiO ₂ toward ethanol oxidation in acid media. <i>Materials Chemistry and Physics</i> , 2020, 245, 122753.	4.0	14

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91	Influence of Particle Size, Applied Compression, and Substratum Material on Particle's Surface Adhesion Force Using the Centrifuge Technique. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 877-887.	3.7	13
92	Effect of temperature on the ethanol electrooxidation at Pt/Ni/C catalyst in acidic and alkaline media. <i>Journal of Electroanalytical Chemistry</i> , 2020, 857, 113754.	3.8	13
93	Realising the activity benefits of Pt preferential (111) surfaces for ethanol oxidation in a nanowire electrocatalyst. <i>Electrochimica Acta</i> , 2020, 348, 136206.	5.2	13
94	Evidence of surface restructuring on Pt/Rh/C and Pt/Rh/Ni/C nanoparticles applied to ethanol electrooxidation reaction. <i>Electrochimica Acta</i> , 2020, 351, 136223.	5.2	13
95	Towards a higher photostability of ZnO photo-electrocatalysts in the degradation of organics by using MMO substrates. <i>Chemosphere</i> , 2021, 271, 129451.	8.2	13
96	Photoelectrocatalytic degradation of indanthrene blue dye using Ti/Ru-based electrodes prepared by a modified Pechini method. <i>Journal of the Brazilian Chemical Society</i> , 2013, 24, 459-472.	0.6	12
97	Aplicação do ultra-som em sistemas eletroquímicos: considerações teóricas e experimentais. <i>Química Nova</i> , 2008, 31, 123-133.	0.3	11
98	An Eco-Friendly Method of BaTiO ₃ Nanoparticle Synthesis Using Coconut Water. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-7.	2.7	11
99	Mechanistic insights into electrocatalytic reactions provided by SERS. <i>Current Opinion in Electrochemistry</i> , 2019, 17, 90-96.	4.8	11
100	Enhanced HCB removal using bacteria from mangrove as post-treatment after electrochemical oxidation using a laser-prepared Ti/RuO ₂ /IrO ₂ /TiO ₂ anode. <i>Chemosphere</i> , 2021, 279, 130875.	8.2	11
101	Environmentally friendly sol - gel-based anticorrosive coatings on aluminum alloy 2024. <i>Materials Research</i> , 2013, 16, 1315-1324.	1.3	10
102	Influence of synthesis conditions on the properties of electrochemically synthesized BaTiO ₃ nanoparticles. <i>Ceramics International</i> , 2014, 40, 3603-3609.	4.8	10
103	Morphological dependence of silver electrodeposits investigated by changing the ionic liquid solvent and the deposition parameters. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 7242-7250.	2.8	10
104	Carbon-Supported Pt and Pt/Ir Nanowires for Methanol Electro-Oxidation in Acidic Media. <i>Catalysis Letters</i> , 2019, 149, 2614-2626.	2.6	10
105	Improved 4-nitrophenol removal at Ti/RuO ₂ /Sb ₂ O ₄ /TiO ₂ laser-made anodes. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23634-23646.	5.3	10
106	Ruthenium-tin oxides-coated graphite felt: Enhanced active area and improved efficiency for the electrochemical generation of hydrogen peroxide. <i>Ceramics International</i> , 2015, 41, 10293-10297.	4.8	9
107	Adsorptive Stripping Voltammetric Determination of Trace Level Ricin in Castor Seeds Using a Boron-doped Diamond Electrode. <i>Electroanalysis</i> , 2017, 29, 1783-1793.	2.9	9
108	Simultaneous Voltammetric Determination of Benzene, Toluene and Xylenes (BTX) in Water Using a Cathodically Pre-treated Boron-doped Diamond Electrode. <i>Electroanalysis</i> , 2019, 31, 554-559.	2.9	9

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109	Methanol Electro-Oxidation on Carbon-Supported PtRu Nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 795-802.	0.9	9
110	Improved carbon dioxide selectivity during ethanol electrooxidation in acid media by Pb@Pt/C and Pb@PtSn/C electrocatalysts. <i>Journal of Electroanalytical Chemistry</i> , 2020, 879, 114741.	3.8	9
111	Ultra-fast synthesis of Ti/Ru _{0.3} Ti _{0.7} O ₂ anodes with superior electrochemical properties using an ionic liquid and laser calcination. <i>Chemical Engineering Journal</i> , 2021, 416, 129011.	12.7	9
112	The Influence of Particulate Matter and Filtration Conditions on the Cleaning of Fabric Filters. <i>Separation Science and Technology</i> , 2012, 48, 223-233.	2.5	8
113	The Use of Diamond for Energy Conversion System Applications: A Review. <i>International Journal of Electrochemistry</i> , 2012, 2012, 1-20.	2.4	8
114	Treatment of Sewage by Electroflotation: A Pilot Study. <i>Separation Science and Technology</i> , 2013, 48, 192-198.	2.5	8
115	Synthesis of high-area chemically modified electrodes using microwave heating. <i>Chemical Engineering Communications</i> , 2019, 206, 647-653.	2.6	8
116	Biodegradability improvement of clopyralid wastes through electrolysis using different diamond anodes. <i>Environmental Research</i> , 2020, 188, 109747.	7.5	8
117	The Use of Ultrasound for the Analytical Determination of Nitrite on Diamond Electrodes by Square Wave Voltammetry. <i>Analytical Letters</i> , 2007, 40, 2673-2682.	1.8	7
118	New Trends on the Boron-Doped Diamond Electrode: From Fundamental Studies to Applications. <i>International Journal of Electrochemistry</i> , 2012, 2012, 1-2.	2.4	7
119	Electrochemical study of ricin at glassy carbon electrode. <i>Analyst, The</i> , 2013, 138, 4565.	3.5	7
120	Analytical determination of aliskiren in pharmaceutical formulations using boron-doped diamond electrodes. <i>Analytical Methods</i> , 2015, 7, 7461-7466.	2.7	7
121	Influence of the Metallic Load of Pt/C and Pt _{0.6} -Ru _{0.4} /C Nanowires on the Electrochemical Oxidation of Methanol in Acid Medium. <i>International Journal of Electrochemical Science</i> , 2017, 12, 7502-7517.	1.3	7
122	Polyhydroxylated fullerenes: An efficient support for Pt electrocatalysts toward ethanol oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2020, 878, 114663.	3.8	7
123	Recent advances on modified reticulated vitreous carbon for water and wastewater treatment – A mini-review. <i>Chemosphere</i> , 2022, 286, 131573.	8.2	7
124	Tratamentos dos efluentes gerados na produção de biodiesel. <i>Quimica Nova</i> , 2012, 35, 367-378.	0.3	6
125	Indanthrene Blue Dye Degradation by UV/H ₂ O ₂ Process: H ₂ O ₂ as a Single or Fractioned Aliquot?. <i>Environmental Engineering Science</i> , 2015, 32, 930-937.	1.6	6
126	Experimental Study on the Solubility of Carbon Dioxide in Systems Containing Ethane-1,2-diol + Water + Salt (Sodium Chloride or Calcium Carbonate). <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 62-68.	1.9	6

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127	Synthesis and characterization of ternary metallic oxide electrodes containing $(\text{SnO}_2)_{93}\text{Sb}_5\text{M}_2$ ($\text{M} = \text{Ce, Ta, Bi, Gd}$) using an ionic liquid as the precursor solvent. <i>Chemical Engineering Communications</i> , 2020, 207, 1736-1754.	2.6	6
128	Ti/Ru _{0.7} Mo _{0.3} O ₂ ($\text{M} = \text{Ir}$ or Ti) anodes made by Pechini and ionic liquid methods: Uneven catalytic activity and stability. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115461.	3.8	6
129	Template-made tailored mesoporous Ti/SnO ₂ -Sb ₂ O ₅ -IrO ₂ anodes with enhanced activity towards dye removal. <i>Journal of Electroanalytical Chemistry</i> , 2022, 910, 116153.	3.8	6
130	Toward efficient electrocatalytic degradation of iohexol using active anodes: A laser-made versus commercial anodes. <i>Chemosphere</i> , 2022, 299, 134350.	8.2	6
131	Microwave-prepared Ti/RuO ₂ -IrO ₂ anodes: Influence of IrO ₂ content on atrazine removal. <i>Electrochimica Acta</i> , 2022, 426, 140782.	5.2	6
132	Outstanding electro-catalytic activity of $\text{Pt}_x \text{-(RuO}_2 \text{ y CeO}_2)_{1-x}$ /C composites towards ethanol oxidation in acid media. <i>Journal of Applied Electrochemistry</i> , 2013, 43, 953-965.	2.9	5
133	Silver electrodeposition at room temperature protic ionic liquid 1-H-methylimidazolium hydrogen sulfate. <i>Journal of Molecular Liquids</i> , 2020, 313, 113487.	4.9	5
134	Emerging contaminants in environment: occurrence, toxicity, and management strategies with emphasis on microbial remediation and advanced oxidation processes. , 2021, , 1-14.		5
135	Box-Behnken Response Surface Design for Modeling and Optimization of Electrocoagulation for Treating Real Textile wastewater. <i>International Journal of Environmental Research</i> , 2022, 16, .	2.3	5
136	Metodologias eletroanalíticas para a determinação de herbicidas triazínicos por voltametria de onda quadrada e técnicas de deconvolução. <i>Química Nova</i> , 2007, 30, 2025-2034.	0.3	4
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