

Giancarlo R Salazar-Banda

List of Publications by Year in descending order

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166
papers

3,617
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145106

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169
all docs

169
docs citations

169
times ranked

3875
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	23
2	Recent advances on modified reticulated vitreous carbon for water and wastewater treatment – A mini-review. <i>Chemosphere</i> , 2022, 286, 131573.	4.2	7
3	An experimental study of calcium carbonate precipitation with hydrate inhibitor in MEG recovery unit. <i>Upstream Oil and Gas Technology</i> , 2022, 8, 100061.	1.1	3
4	Scale-up of Ru-based mesh anodes for the degradation of synthetic hospital wastewater. <i>Separation and Purification Technology</i> , 2022, 285, 120260.	3.9	3
5	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.	1.9	6
6	Pt nanowires as electrocatalysts for proton-exchange membrane fuel cells applications: A review. <i>Journal of Electroanalytical Chemistry</i> , 2022, 910, 116185.	1.9	3
7	Toward efficient electrocatalytic degradation of iohexol using active anodes: A laser-made versus commercial anodes. <i>Chemosphere</i> , 2022, 299, 134350.	4.2	6
8	Influence of the composition and morphology of PdNiFe/C nanocatalysts toward ethanol oxidation. <i>Chemical Physics Letters</i> , 2022, 801, 139745.	1.2	4
9	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, .	1.1	5
10	Microwave-prepared Ti/RuO ₂ -IrO ₂ anodes: Influence of IrO ₂ content on atrazine removal. <i>Electrochimica Acta</i> , 2022, 426, 140782.	2.6	6
11	Environmental aspects of hormones estriol, 17 β -estradiol and 17 α -ethinylestradiol: Electrochemical processes as next-generation technologies for their removal in water matrices. <i>Chemosphere</i> , 2021, 267, 128888.	4.2	44
12	Emerging contaminants in environment: occurrence, toxicity, and management strategies with emphasis on microbial remediation and advanced oxidation processes. , 2021, , 1-14.		5
13	Developments in electrode materials for wastewater treatment. <i>Current Opinion in Electrochemistry</i> , 2021, 26, 100663.	2.5	55
14	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.	2.7	10
15	Understanding the effect of the high hydrophobicity of the laser-prepared Ti/SnO ₂ -Sb-La ₂ O ₃ anode on its electrocatalytic properties. <i>Materials Advances</i> , 2021, 2, 4016-4028.	2.6	4
16	Hyper-production optimization of fungal oxidative green enzymes using citrus low-cost byproduct. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105013.	3.3	15
17	Towards a higher photostability of ZnO photo-electrocatalysts in the degradation of organics by using MMO substrates. <i>Chemosphere</i> , 2021, 271, 129451.	4.2	13
18	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.	4.2	24

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19	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.	6.6	9
20	Ti/Ru _{0.7} Mo _{0.3} O ₂ (M=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.	1.9	6
21	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.	4.2	11
22	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.	6.6	19
23	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.	2.6	20
24	Vicia faba Crop Residues for Sustainable Electricity Generation Using a Sludge-based Microbial Fuel Cell. <i>Chemical and Biochemical Engineering Quarterly</i> , 2021, 34, 289-296.	0.5	4
25	Aminopropyltriethoxysilane functionalized MCM-41 and SBA-15 nanostructured materials for carbon dioxide adsorption. <i>Revista Materia</i> , 2021, 26, .	0.1	2
26	Synthesis and characterization of ternary metallic oxide electrodes containing (SnO ₂) ₉₃ Sb ₅ M ₂ (M=Ce, Ta, Bi, Gd) using an ionic liquid as the precursor solvent. <i>Chemical Engineering Communications</i> , 2020, 207, 1736-1754.	1.5	6
27	New laser-based method for the synthesis of stable and active Ti/SnO ₂ Sb anodes. <i>Electrochimica Acta</i> , 2020, 332, 135478.	2.6	31
28	Current overview and perspectives on carbon-based (bio)sensors for carbamate pesticides electroanalysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115779.	5.8	43
29	Electrochemical Synthesis of La-Doped BaTiO ₃ Nanopowders. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 1033-1038.	0.9	1
30	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.	1.9	46
31	Effect of temperature on the ethanol electrooxidation at PtNi@PtNi/C catalyst in acidic and alkaline media. <i>Journal of Electroanalytical Chemistry</i> , 2020, 857, 113754.	1.9	13
32	Photoelectrolysis of clopyralid wastes with a novel laser-prepared MMO-RuO ₂ TiO ₂ anode. <i>Chemosphere</i> , 2020, 244, 125455.	4.2	27
33	Effects of temperature and heating method on the performance of Ti/Ru _{0.25} Ir _{0.25} Ti _{0.5} O ₂ anodes applied toward Bisphenol S removal. <i>Electrochimica Acta</i> , 2020, 364, 137273.	2.6	15
34	Improved ethanol electro-oxidation at Ni@Pd/C and Ni@PdRh/C core-shell catalysts. <i>Journal of Catalysis</i> , 2020, 391, 175-189.	3.1	33
35	Polyhydroxylated fullerenes: An efficient support for Pt electrocatalysts toward ethanol oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2020, 878, 114663.	1.9	7
36	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.	1.9	9

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37	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.	1.9	30
38	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.	1.9	16
39	Silver electrodeposition at room temperature protic ionic liquid 1-H-methylimidazolium hydrogen sulfate. <i>Journal of Molecular Liquids</i> , 2020, 313, 113487.	2.3	5
40	Biodegradability improvement of clopyralid wastes through electrolysis using different diamond anodes. <i>Environmental Research</i> , 2020, 188, 109747.	3.7	8
41	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.	1.9	23
42	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.	6.6	21
43	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.	2.9	18
44	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.	2.6	16
45	A Comparative Study of the Catalytic Performance of Pt-Based Bi and Trimetallic Nanocatalysts Towards Methanol, Ethanol, Ethylene Glycol, and Glycerol Electro-Oxidation. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 6274-6285.	0.9	3
46	Improving biodegradability of clopyralid wastes by photoelectrolysis: The role of the anode material. <i>Journal of Electroanalytical Chemistry</i> , 2020, 864, 114084.	1.9	15
47	Enhancement of wastewater treatment using novel laser-made Ti/SnO ₂ @Sb anodes with improved electrocatalytic properties. <i>Chemosphere</i> , 2020, 259, 127475.	4.2	22
48	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.	2.0	14
49	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.	1.9	31
50	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.	4.2	21
51	Realising the activity benefits of Pt preferential (111) surfaces for ethanol oxidation in a nanowire electrocatalyst. <i>Electrochimica Acta</i> , 2020, 348, 136206.	2.6	13
52	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.	2.6	13
53	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.	3.9	35
54	The Effect of Pt Loading on Catalytic Activity of Pb _{0.25} @Pt _x /C Nanocomposites Toward Ethanol Oxidation. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 878-889.	0.9	3

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55	INFLUÊNCIA DA COMPOSIÇÃO DOS NANOFIOS PT-IR/C NA ATIVIDADE CATALÍTICA FRENTE A OXIDAÇÃO ELETROQUÍMICA DE ETANOL EM MEIO ÁCIDO. <i>Quimica Nova</i> , 2020, , .	0.3	0
56	Green Technologies for the Treatment of Pharmaceutical Contaminants in Wastewaters. <i>Microorganisms for Sustainability</i> , 2020, , 1-20.	0.4	0
57	Environmental Biotechnology. <i>Revista Peruana De Biología</i> , 2020, 27, 043-048.	0.1	1
58	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.	1.5	9
59	Enhanced stability and electrocatalytic properties of Ti/Ru Ir ¹ O ₂ anodes produced by a new laser process. <i>Chemical Engineering Journal</i> , 2019, 355, 439-447.	6.6	43
60	Influence of magnetic field on barium sulfate incrustation from aqueous solutions. <i>Heliyon</i> , 2019, 5, e02032.	1.4	1
61	Carbon-Supported Pt and Pt-Ir Nanowires for Methanol Electro-Oxidation in Acidic Media. <i>Catalysis Letters</i> , 2019, 149, 2614-2626.	1.4	10
62	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.	10.8	38
63	Mechanistic insights into electrocatalytic reactions provided by SERS. <i>Current Opinion in Electrochemistry</i> , 2019, 17, 90-96.	2.5	11
64	Synthesis of Ni-SiO ₂ /C Supported Platinum Catalysts for Improved Electrochemical Activity Towards Ethanol Oxidation. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 4590-4598.	0.9	4
65	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.	10.8	57
66	Electroanalysis of Pharmaceuticals on Boron-Doped Diamond Electrodes: A Review. <i>ChemElectroChem</i> , 2019, 6, 2350-2378.	1.7	45
67	Methanol Electro-Oxidation on Carbon-Supported PtRu Nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 795-802.	0.9	9
68	Synthesis of high-area chemically modified electrodes using microwave heating. <i>Chemical Engineering Communications</i> , 2019, 206, 647-653.	1.5	8
69	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.	1.9	28
70	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.	1.8	20
71	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.	1.3	31
72	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.	1.9	24

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73	Achlor 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.	1.2	28
74	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.	3.9	61
75	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.	3.8	32
76	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.	4.0	59
77	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.	1.9	30
78	An Eco-Friendly Method of BaTiO ₃ Nanoparticle Synthesis Using Coconut Water. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-7.	1.5	11
79	Degradation of pesticide mixture by electro-Fenton in filter-press reactor. <i>Journal of Water Process Engineering</i> , 2018, 25, 222-235.	2.6	25
80	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.	1.9	51
81	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.	1.5	17
82	Adsorptive Stripping Voltammetric Determination of Trace Level Ricin in Castor Seeds Using a Boron-doped Diamond Electrode. <i>Electroanalysis</i> , 2017, 29, 1783-1793.	1.5	9
83	Electrochemical and/or microbiological treatment of pyrolysis wastewater. <i>Chemosphere</i> , 2017, 185, 145-151.	4.2	18
84	Electrochemical mineralization of cephalexin using a conductive diamond anode: A mechanistic and toxicity investigation. <i>Chemosphere</i> , 2017, 168, 638-647.	4.2	43
85	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.	1.0	6
86	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.	0.5	7
87	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.	1.9	33
88	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.	10.8	42
89	Fullerene applications in fuel cells: A review. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 17944-17959.	3.8	90
90	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.	3.9	34

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91	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.	1.8	28
92	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.	1.3	10
93	Wet chemical synthesis of rare earth-doped barium titanate nanoparticles. <i>Journal of Materials Science</i> , 2016, 51, 4709-4727.	1.7	35
94	Influence of the synthesis method on the preparation of barium titanate nanoparticles. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 103, 12-20.	1.8	30
95	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.	1.3	37
96	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.	2.3	9
97	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.	1.8	23
98	High-Area Ti/Pt Electrodes for the Electrochemically Catalyzed Transesterification of Soybean Oil with Methanol. <i>Chemical Engineering Communications</i> , 2015, 202, 1406-1413.	1.5	3
99	Analytical determination of aliskiren in pharmaceutical formulations using boron-doped diamond electrodes. <i>Analytical Methods</i> , 2015, 7, 7461-7466.	1.3	7
100	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.	0.8	6
101	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.	1.5	14
102	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.	3.8	45
103	Sn@Pt and Rh@Pt core-shell nanoparticles synthesis for glycerol oxidation. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 139-150.	1.5	22
104	Modified Diamond Electrodes for Electrochemical Systems for Energy Conversion and Storage. <i>Topics in Applied Physics</i> , 2015, , 205-235.	0.4	1
105	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.	2.0	29
106	Pt-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.	4.0	38
107	Influence of synthesis conditions on the properties of electrochemically synthesized BaTiO ₃ nanoparticles. <i>Ceramics International</i> , 2014, 40, 3603-3609.	2.3	10
108	Electrochemical oxidation and electroanalytical determination of xylitol at a boron-doped diamond electrode. <i>Talanta</i> , 2014, 119, 509-516.	2.9	19

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109	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.	2.3	22
110	Outstanding electro-catalytic activity of Pt _x -(RuO _y -CeO ₂) _{1-x} /C composites towards ethanol oxidation in acid media. <i>Journal of Applied Electrochemistry</i> , 2013, 43, 953-965.	1.5	5
111	Solubility of Carbon Dioxide in Ethane-1,2-diol-Water Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 3464-3469.	1.0	17
112	Electrochemical study of ricin at glassy carbon electrode. <i>Analyst</i> , 2013, 138, 4565.	1.7	7
113	Treatment of Sewage by Electroflotation: A Pilot Study. <i>Separation Science and Technology</i> , 2013, 48, 192-198.	1.3	8
114	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.	1.2	37
115	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, , .	0.6	2
116	Environmentally friendly sol-gel-based anticorrosive coatings on aluminum alloy 2024. <i>Materials Research</i> , 2013, 16, 1315-1324.	0.6	10
117	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
118	Ultramicroelectrode Array Behavior of Electrochemically Partially Blocked Boron-Doped Diamond Surface. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	1
119	The Influence of Particulate Matter and Filtration Conditions on the Cleaning of Fabric Filters. <i>Separation Science and Technology</i> , 2012, 48, 223-233.	1.3	8
120	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
121	The Use of Diamond for Energy Conversion System Applications: A Review. <i>International Journal of Electrochemistry</i> , 2012, 2012, 1-20.	2.4	8
122	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.	1.9	21
123	Tratamentos dos efluentes gerados na produção de biodiesel. <i>Quimica Nova</i> , 2012, 35, 367-378.	0.3	6
124	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.	3.9	19
125	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.	6.6	37
126	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

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127	Electrodeposition and characterization of undoped and nitrogen-doped ZnSe films. <i>Materials Chemistry and Physics</i> , 2010, 121, 58-62.	2.0	15
128	Determination of 5-aminosalicylic acid in pharmaceutical formulations by square wave voltammetry at pencil graphite electrodes. <i>Química Nova</i> , 2010, 33, 964-967.	0.3	24
129	Potencialidades do uso de ultrassom na determinação do pesticida carbaril empregando eletrodos de diamante. <i>Química Nova</i> , 2010, 33, 2261-2265.	0.3	3
130	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.	2.5	27
131	Effects of Ultrasound on the Degradation of Pentachlorophenol by Boron-Doped Diamond Electrodes. <i>Portugaliae Electrochimica Acta</i> , 2010, 28, 405-415.	0.4	38
132	Methanol and ethanol electro-oxidation on Pt-SnO ₂ and Pt-Ta ₂ O ₅ sol-gel-modified boron-doped diamond surfaces. <i>Materials Chemistry and Physics</i> , 2009, 117, 434-442.	2.0	39
133	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.	1.5	49
134	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.	1.1	17
135	Anticorrosive cerium-based coatings prepared by the sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 52, 415-423.	1.1	35
136	Sonovoltammetric determination of toxic compounds in vegetables and fruits using diamond electrodes. <i>Food Chemistry</i> , 2009, 116, 1029-1035.	4.2	33
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