

Nelson Ramos Stradiotto

List of Publications by Year in descending order

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79
papers

1,446
citations

331259

21
h-index

395343

33
g-index

81
all docs

81
docs citations

81
times ranked

1605
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical sensors based on molecularly imprinted polymer on nanostructured carbon materials: A review. <i>Journal of Electroanalytical Chemistry</i> , 2019, 840, 343-366.	1.9	159
2	Simultaneous determination of zinc, copper, lead, and cadmium in fuel ethanol by anodic stripping voltammetry using a glassy carbon-mercury-film electrode. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 135-140.	1.9	96
3	D-mannitol sensor based on molecularly imprinted polymer on electrode modified with reduced graphene oxide decorated with gold nanoparticles. <i>Talanta</i> , 2017, 165, 231-239.	2.9	67
4	Electrooxidation and Determination of Dopamine Using a Nafion®-Cobalt Hexacyanoferrate Film Modified Electrode. <i>Sensors</i> , 2008, 8, 1950-1959.	2.1	51
5	Non-enzymatic lactose molecularly imprinted sensor based on disposable graphite paper electrode. <i>Analytica Chimica Acta</i> , 2021, 1143, 53-64.	2.6	45
6	Determination of sulfur compounds in gasoline using mercury film electrode by square wave voltammetry. <i>Fuel</i> , 2008, 87, 1007-1013.	3.4	40
7	Determination of free glycerol in biodiesel at a platinum oxide surface using potential cycling technique. <i>Talanta</i> , 2009, 79, 92-96.	2.9	40
8	Electrochemical sensing of lactate by using an electrode modified with molecularly imprinted polymers, reduced graphene oxide and gold nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 764.	2.5	40
9	Preparation, characterization and application of a nanostructured composite: Octakis(cyanopropyl dimethylsiloxy) octasilsesquioxane. <i>Applied Surface Science</i> , 2007, 253, 3683-3689.	3.1	38
10	Resolution of galactose, glucose, xylose and mannose in sugarcane bagasse employing a voltammetric electronic tongue formed by metals oxy-hydroxide/MWCNT modified electrodes. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 645-653.	4.0	34
11	Electrochemical determination of total reducing sugars from bioethanol production using glassy carbon electrode modified with graphene oxide containing copper nanoparticles. <i>Fuel</i> , 2016, 163, 112-121.	3.4	33
12	Determination of potassium ions in biodiesel using a nickel(II) hexacyanoferrate-modified electrode. <i>Talanta</i> , 2008, 74, 1630-1634.	2.9	32
13	Thermolysis of octa (hydridodimethylsiloxy) octasilsesquioxane in pyridine media and subsequent toluidine blue O adsorption. <i>Applied Surface Science</i> , 2004, 235, 449-459.	3.1	31
14	Amperometric determination of myo-inositol by using a glassy carbon electrode modified with molecularly imprinted polypyrrole, reduced graphene oxide and nickel nanoparticles. <i>Mikrochimica Acta</i> , 2018, 185, 170.	2.5	31
15	Electrochemical sensor based on molecularly imprinted poly(ortho-phenylenediamine) for determination of hexahydrofarnesol in aviation biokerosene. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 371-379.	4.0	31
16	A molecularly imprinted polymer on reduced graphene oxide-gold nanoparticles modified screen-printed electrode for selective determination of ferulic acid in orange peels. <i>Microchemical Journal</i> , 2021, 167, 106339.	2.3	30
17	Analytical Methods Employed at Quality Control of Fuel Ethanol. <i>Energy & Fuels</i> , 2009, 23, 4852-4859.	2.5	25
18	Determination of phosphorus in biodiesel using 1:12 phosphomolybdic modified electrode by cyclic voltammetry. <i>Fuel</i> , 2012, 95, 15-18.	3.4	25

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19	Determination of amino acids in sugarcane vinasse by ion chromatographic using nickel nanoparticles on reduced graphene oxide modified electrode. <i>Microchemical Journal</i> , 2017, 134, 374-382.	2.3	24
20	Flow injection amperometric determination of persulfate in cosmetic products using a Prussian Blue film-modified electrode. <i>Sensors</i> , 2003, 3, 371-380.	2.1	23
21	Determination of Nickel in Fuel Ethanol Using a Carbon Paste Modified Electrode Containing Dimethylglyoxime. <i>Mikrochimica Acta</i> , 2006, 155, 397-401.	2.5	22
22	Electrochemical sensor based on reduced graphene oxide and molecularly imprinted poly(phenol) for d-xylose determination. <i>Talanta</i> , 2020, 208, 120379.	2.9	22
23	A novel nanostructured composite formed by interaction of copper octa(3-aminopropyl)octasilsesquioxane with azide ligands: Preparation, characterization and a voltammetric application. <i>Materials Research Bulletin</i> , 2010, 45, 1263-1270.	2.7	21
24	An Electrochemical Sensor for Reducing Sugars Based on a Glassy Carbon Electrode Modified with Electropolymerized Molecularly Imprinted Poly(phenylenediamine) Film. <i>Electroanalysis</i> , 2014, 26, 1612-1622.	1.5	21
25	Fructose determination in fruit juices using an electrosynthesized molecularly imprinted polymer on reduced graphene oxide modified electrode. <i>Food Chemistry</i> , 2021, 352, 129430.	4.2	21
26	Estudo eletroquímico de Fe[Fe(CN) ₅ NO] em eletrodo de pasta de grafite. <i>Ecletica Quimica</i> , 2002, 27, 197-210.	0.2	21
27	Silver oxide nanoparticles in reduced graphene oxide modified electrode for amino acids electrocatalytic oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2019, 845, 57-65.	1.9	17
28	Determinação de zinco em álcool combustível por voltametria de redissolução anódica. <i>Ecletica Quimica</i> , 2002, 27, 153-160.	0.2	17
29	Encapsulation of titanium (IV) silsesquioxane into the NH ₄ USY zeolite: Preparation, characterization and application. <i>Materials Research Bulletin</i> , 2007, 42, 1811-1822.	2.7	16
30	Effect of a nanostructured dendrimer-naloxonazine complex on endogenous opioid peptides μ /41 receptor-mediated post-ictal antinociception. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 871-880.	1.7	16
31	Voltammetric Determination of Phosphate in Brazilian Biodiesel Using Two Different Electrodes. <i>Electroanalysis</i> , 2011, 23, 2456-2461.	1.5	16
32	Determination of furanic aldehydes in sugarcane bagasse by high-performance liquid chromatography with pulsed amperometric detection using a modified electrode with nickel nanoparticles. <i>Journal of Separation Science</i> , 2015, 38, 3176-3182.	1.3	16
33	Appraisal of photoelectrocatalytic oxidation of glucose and production of high value chemicals on nanotube Ti/TiO ₂ electrode. <i>Electrochimica Acta</i> , 2016, 222, 123-132.	2.6	16
34	Identification of organic contaminants in vinasse and in soil and groundwater from fertigated sugarcane crop areas using target and suspect screening strategies. <i>Science of the Total Environment</i> , 2021, 761, 143237.	3.9	16
35	Rapid and sensitive method for the determination of acetaldehyde in fuel ethanol by high-performance liquid chromatography with UV-Vis detection. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 1619-1624.	1.9	15
36	Adsorption and electropolymerization of toluidine blue on the nanostructured octakis(hydridodimethylsiloxy)octasilsesquioxane surface. <i>Materials Research Bulletin</i> , 2008, 43, 3286-3296.	2.7	15

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37	Simple and direct potentiometric determination of potassium ions in biodiesel microemulsions at a glassy carbon electrode modified with nickel(ii) hexacyanoferrate nanoparticles. <i>Analytical Methods</i> , 2013, 5, 4145.	1.3	15
38	Tailor-made 3D-nanoelectrode ensembles modified with molecularly imprinted poly(o-phenylenediamine) for the sensitive detection of L-arabitol. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 250-257.	4.0	15
39	Synthesis and preliminary characterization of octakis (chloropropyl dimethylsiloxy) octasilsesquioxane. <i>Materials Research</i> , 2004, 7, 499-504.	0.6	14
40	A novel citrus pectin-modified carbon paste electrochemical sensor used for copper determination in biofuel. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 169, 108356.	2.5	12
41	Voltammetric determination of fenbendazole in veterinarian formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 30, 279-284.	1.4	11
42	Cathodic electrochemical determination of furfural in sugarcane bagasse using an electrode modified with nickel nanoparticles. <i>Analytical Methods</i> , 2017, 9, 826-834.	1.3	11
43	Pressurized Liquid Extraction (PLE) and QuEChERS evaluation for the analysis of antibiotics in agricultural soils. <i>MethodsX</i> , 2020, 7, 101171.	0.7	11
44	Quantitative assay of copper, iron, nickel, and zinc in fuel ethanol samples by flame atomic absorption spectrometry. <i>Chemistry and Technology of Fuels and Oils</i> , 2008, 44, 430-434.	0.2	10
45	Electrochemical, Spectrophotometric and Liquid-Chromatographic Approaches for Analysis of Tropical Disease Drugs. <i>Current Pharmaceutical Analysis</i> , 2009, 5, 69-88.	0.3	10
46	Electroactive sugars, organic acids and sugar alcohol analysis in wine using anion-exchange chromatography with electrochemical detection. <i>Microchemical Journal</i> , 2019, 147, 972-978.	2.3	10
47	Electrosynthesis of three-dimensional nanoporous nickel on screen-printed electrode used for the determination of narirutin in citrus wastewater. <i>Food Chemistry</i> , 2021, 353, 129427.	4.2	10
48	Ferrocene adsorbed into the porous octakis(hydridodimethylsiloxy)silsesquioxane after thermolysis in tetrahydrofuran media: An applied surface for ascorbic acid determination. <i>Materials Research Bulletin</i> , 2012, 47, 1028-1033.	2.7	9
49	Comportamento voltamétrico da redução de 2-furfuraldeído em etanol utilizando eletrodo de carbono vítreo. <i>Eclética Química</i> , 2002, 27, 141-151.	0.2	9
50	The cathodic cleavage of the nitrobenzenesulfonyl group from aliphatic amines in N,N-dimethylformamide. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 312, 141-154.	0.3	8
51	Corantes marcadores de combustíveis: legislação e métodos analíticos para detecção. <i>Química Nova</i> , 2011, 34, 1683-1691.	0.3	8
52	Silver Nanocomposite Electrode Modified with Hexacyanoferrate. Preparation, Characterization and Electrochemical Behaviour Towards Substituted Anilines. <i>Electroanalysis</i> , 2011, 23, 1100-1106.	1.5	8
53	Anodic Stripping Voltammetric Determination of Lead (II) and Cadmium (II) by Using a Carbon Nanotubes Paste Electrode Modified with Ion Exchange Synthetic Resin. <i>Current Analytical Chemistry</i> , 2012, 8, 520-527.	0.6	8
54	Determination of uronic acids in sugarcane bagasse by anion-exchange chromatography using an electrode modified with copper nanoparticles. <i>Analytical Methods</i> , 2015, 7, 2347-2353.	1.3	8

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55	Comparative study of the cathodic cleavage of N-tosyl- and N-nosyl-protected amino acids. Journal of Electroanalytical Chemistry, 1993, 361, 103-108.	1.9	7
56	The cathodic deprotection of the nitrobenzoyl group from phenyl nitrobenzoates in N, N-dimethylformamide. Journal of Electroanalytical Chemistry, 1997, 431, 237-241.	1.9	7
57	Determination of chloride in fuel ethanol using a polyaniline-chemically modified electrode in flow injection analysis. Chemistry and Technology of Fuels and Oils, 2008, 44, 435-440.	0.2	7
58	Preparation and Characterization of Graphite-Epoxy Composite Modified with Zinc Hexacyanoferrate and Their Electrochemical Behaviour in Presence of Substituted Anilines. Electroanalysis, 2010, 22, 2979-2984.	1.5	7
59	Study of the Electrochemical Behavior of Biodiesel Microemulsion. Electroanalysis, 2017, 29, 1941-1949.	1.5	7
60	Electrochemical behavior of aromatic amines protected by the nitrobenzenesulfonyl group. Electroanalysis, 1995, 7, 365-369.	1.5	6
61	Electrochemical behavior of hexahydrofarnesol: A contaminant of aviation biokerosene. Journal of Electroanalytical Chemistry, 2019, 848, 113284.	1.9	6
62	Study of zinc hexacyanoferrate-modified platinum electrodes using electrochemical quartz crystal microbalance. Journal of Solid State Electrochemistry, 2011, 15, 1279-1286.	1.2	4
63	Correction factors for glass electrodes in aqueous dimethylsulphoxide solutions. Talanta, 1989, 36, 427-427.	2.9	3
64	The electrochemical cleavage of the nitrobenzoyl group from butyl nitrobenzoates in n,n-dimethylformamide. Journal of Electroanalytical Chemistry, 1996, 415, 27-32.	1.9	3
65	Multivariate Determination of Total Sugar Content and Ethanol in Bioethanol Production Using Carbon Electrodes Modified with MWCNT/MeOOH and Chemometric Data Treatment. Electroanalysis, 2018, 30, 1696-1705.	1.5	3
66	Voltammetric study of a sulfur contaminant of aviation biokerosene. Journal of Solid State Electrochemistry, 2020, 24, 1743-1750.	1.2	3
67	New Methodology for pH Measurements in Fuel Ethanol Using Glass Electrode. Journal of ASTM International, 2011, 8, 1-9.	0.2	3
68	Eletrodo modificado em filme de paládio para a determinação voltamétrica de fosfito. Eclética Química, 2002, 27, 161-168.	0.2	3
69	A Simple and Fast Method for the Production and Characterization of Methyl and Ethyl Biodiesels from Tucum Oil via an Alkaline Route. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-4.	3.0	2
70	PANORAMA DA ELETROQUÍMICA E ELETROANÁLITICA NO BRASIL. Química Nova, 2017, , .	0.3	1
71	The kinetics of the electrochemical reduction of nitromethane on mercury in the presence of adsorbed azide ions. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1979, 76, 230-232.	0.2	1
72	FUEL ETHANOL QUALITY: METHODS OF ANALYSIS AND REFERENCE MATERIALS. , 0, , 813-828.		1

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73	The Cathodic Cleavage of the Nitrobenzoyl Group from Protected Aliphatic Amines in N,N-Dimethylformamide. <i>Journal of the Brazilian Chemical Society</i> , 1999, 10, 176-180.	0.6	0
74	Molecularly Imprinted Polypyrrole on Glassy Carbon Electrode Modified with Reduced Graphene Oxide and Gold Nanoparticles for Isoamyl Alcohol Analysis in Fusel Oil. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0
75	Screen-Printed Electrode Modified with 3-D Nanoporous Nickel for the Determination of Narirutin in Wastewater from Citrus Industry. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 1542-1542.	0.0	0
76	Underivatized amino acids detection by anion-exchange chromatography coupled to a nanostructured detector. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1174, 122733.	1.2	0
77	Determination of Sulfate in Ethanol Fuel using an Electrode Chemically Modified with Polypyrrole by Flow Injection Analysis. <i>Journal of Biofuels</i> , 2010, 1, 220.	0.1	0
78	Professor Nelson Stradiotto, whose career has been marked by an effective contribution in the training of human resources for science, recently spoke with BrJAC. <i>Brazilian Journal of Analytical Chemistry</i> , 2019, 5, 2-6.	0.3	0
79	New Detector Based on Composite of Carbon Nanotubes with Nanoparticles of Cobalt Oxide for Carbohydrates Analysis by HPLC with Reverse Pulsed Amperometric Detection. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0