

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	Non-enzymatic lactose molecularly imprinted sensor based on disposable graphite paper electrode. <i>Analytica Chimica Acta</i> , 2021, 1143, 53-64.	2.6	45
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	Pressurized Liquid Extraction (PLE) and QuEChERS evaluation for the analysis of antibiotics in agricultural soils. <i>MethodsX</i> , 2020, 7, 101171.	0.7	11
11	Voltammetric study of a sulfur contaminant of aviation biokerosene. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1743-1750.	1.2	3
12	Electrochemical behavior of hexahydrofarnesol: A contaminant of aviation biokerosene. <i>Journal of Electroanalytical Chemistry</i> , 2019, 848, 113284.	1.9	6
13	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
14	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
15	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
16	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
17	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
18	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

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19	Professor Nelson Stradiotto, whose career has been marked by an effective contribution in the training of human resources for science, recently spoke with BrJAC. Brazilian Journal of Analytical Chemistry, 2019, 5, 2-6.	0.3	0
20	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
21	Amperometric determination of myo-inositol by using a glassy carbon electrode modified with molecularly imprinted polypyrrole, reduced graphene oxide and nickel nanoparticles. Mikrochimica Acta, 2018, 185, 170.	2.5	31
22	Study of the Electrochemical Behavior of Biodiesel Microemulsion. Electroanalysis, 2017, 29, 1941-1949.	1.5	7
23	D-mannitol sensor based on molecularly imprinted polymer on electrode modified with reduced graphene oxide decorated with gold nanoparticles. Talanta, 2017, 165, 231-239.	2.9	67
24	Cathodic electrochemical determination of furfural in sugarcane bagasse using an electrode modified with nickel nanoparticles. Analytical Methods, 2017, 9, 826-834.	1.3	11
25	Determination of amino acids in sugarcane vinasse by ion chromatographic using nickel nanoparticles on reduced graphene oxide modified electrode. Microchemical Journal, 2017, 134, 374-382.	2.3	24
26	PANORAMA DA ELETROQUÍMICA E ELETROANALÍTICA NO BRASIL. Química Nova, 2017, , .	0.3	1
27	Appraisal of photoelectrocatalytic oxidation of glucose and production of high value chemicals on nanotube Ti/TiO ₂ electrode. Electrochimica Acta, 2016, 222, 123-132.	2.6	16
28	Electrochemical determination of total reducing sugars from bioethanol production using glassy carbon electrode modified with graphene oxide containing copper nanoparticles. Fuel, 2016, 163, 112-121.	3.4	33
29	Resolution of galactose, glucose, xylose and mannose in sugarcane bagasse employing a voltammetric electronic tongue formed by metals oxy-hydroxide/MWCNT modified electrodes. Sensors and Actuators B: Chemical, 2016, 222, 645-653.	4.0	34
30	Determination of furanic aldehydes in sugarcane bagasse by high-performance liquid chromatography with pulsed amperometric detection using a modified electrode with nickel nanoparticles. Journal of Separation Science, 2015, 38, 3176-3182.	1.3	16
31	Determination of uronic acids in sugarcane bagasse by anion-exchange chromatography using an electrode modified with copper nanoparticles. Analytical Methods, 2015, 7, 2347-2353.	1.3	8
32	An Electrochemical Sensor for Reducing Sugars Based on a Glassy Carbon Electrode Modified with Electropolymerized Molecularly Imprinted Poly(4-vinylphenylenediamine) Film. Electroanalysis, 2014, 26, 1612-1622.	1.5	21
33	Simple and direct potentiometric determination of potassium ions in biodiesel microemulsions at a glassy carbon electrode modified with nickel(ii) hexacyanoferrate nanoparticles. Analytical Methods, 2013, 5, 4145.	1.3	15
34	Anodic Stripping Voltammetric Determination of Lead (II) and Cadmium (II) by Using a Carbon Nanotubes Paste Electrode Modified with Ion Exchange Synthetic Resin. Current Analytical Chemistry, 2012, 8, 520-527.	0.6	8
35	Determination of phosphorus in biodiesel using 1:12 phosphomolybdic modified electrode by cyclic voltammetry. Fuel, 2012, 95, 15-18.	3.4	25
36	Ferrocene adsorbed into the porous octakis(hydridodimethylsiloxy)silsesquioxane after thermolysis in tetrahydrofuran media: An applied surface for ascorbic acid determination. Materials Research Bulletin, 2012, 47, 1028-1033.	2.7	9

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37	Corantes marcadores de combustíveis: legislação e métodos analíticos para detecção. Química Nova, 2011, 34, 1683-1691.	0.3	8
38	Effect of a nanostructured dendrimer-naloxonazine complex on endogenous opioid peptides μ 1 receptor-mediated post-ictal antinociception. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 871-880.	1.7	16
39	Study of zinc hexacyanoferrate ²⁻ modified platinum electrodes using electrochemical quartz crystal microbalance. Journal of Solid State Electrochemistry, 2011, 15, 1279-1286.	1.2	4
40	Silver Nanocomposite Electrode Modified with Hexacyanoferrate. Preparation, Characterization and Electrochemical Behaviour Towards Substituted Anilines. Electroanalysis, 2011, 23, 1100-1106.	1.5	8
41	Voltammetric Determination of Phosphate in Brazilian Biodiesel Using Two Different Electrodes. Electroanalysis, 2011, 23, 2456-2461.	1.5	16
42	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
43	New Methodology for pH Measurements in Fuel Ethanol Using Glass Electrode. Journal of ASTM International, 2011, 8, 1-9.	0.2	3
44	A novel nanostructured composite formed by interaction of copper octa(3-aminopropyl)octasilsesquioxane with azide ligands: Preparation, characterization and a voltammetric application. Materials Research Bulletin, 2010, 45, 1263-1270.	2.7	21
45	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
46	Determination of Sulfate in Ethanol Fuel using an Electrode Chemically Modified with Polypyrrole by Flow Injection Analysis. Journal of Biofuels, 2010, 1, 220.	0.1	0
47	Determination of free glycerol in biodiesel at a platinum oxide surface using potential cycling technique. Talanta, 2009, 79, 92-96.	2.9	40
48	Analytical Methods Employed at Quality Control of Fuel Ethanol. Energy & Fuels, 2009, 23, 4852-4859.	2.5	25
49	Electrochemical, Spectrophotometric and Liquid-Chromatographic Approaches for Analysis of Tropical Disease Drugs. Current Pharmaceutical Analysis, 2009, 5, 69-88.	0.3	10
50	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
51	Quantitative assay of copper, iron, nickel, and zinc in fuel ethanol samples by flame atomic absorption spectrometry. Chemistry and Technology of Fuels and Oils, 2008, 44, 430-434.	0.2	10
52	Determination of sulfur compounds in gasoline using mercury film electrode by square wave voltammetry. Fuel, 2008, 87, 1007-1013.	3.4	40
53	Adsorption and electropolymerization of toluidine blue on the nanostructured octakis(hydroxymethyl)siloxane surface. Materials Research Bulletin, 2008, 43, 3286-3296.	2.7	15
54	Electrooxidation and Determination of Dopamine Using a Nafion [®] -Cobalt Hexacyanoferrate Film Modified Electrode. Sensors, 2008, 8, 1950-1959.	2.1	51

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55	Determination of potassium ions in biodiesel using a nickel(II) hexacyanoferrate-modified electrode. <i>Talanta</i> , 2008, 74, 1630-1634.	2.9	32
56	Preparation, characterization and application of a nanostructured composite: Octakis(cyanopropyltrimethylsilyloxy)octasilsesquioxane. <i>Applied Surface Science</i> , 2007, 253, 3683-3689.	3.1	38
57	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
58	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
59	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
60	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
61	Thermolysis of octa (hydridodimethylsilyloxy) octasilsesquioxane in pyridine media and subsequent toluidine blue O adsorption. <i>Applied Surface Science</i> , 2004, 235, 449-459.	3.1	31
62	Synthesis and preliminary characterization of octakis (chloropropyltrimethylsilyloxy) octasilsesquioxane. <i>Materials Research</i> , 2004, 7, 499-504.	0.6	14
63	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
64	Voltammetric determination of fenbendazole in veterinarian formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 30, 279-284.	1.4	11
65	Comportamento voltamétrico da redução de 2-furfuraldeído em etanol utilizando eletrodo de carbono vítreo. <i>Eletica Quimica</i> , 2002, 27, 141-151.	0.2	9
66	Determinação de zinco em álcool combustível por voltametria de redissolução anódica. <i>Eletica Quimica</i> , 2002, 27, 153-160.	0.2	17
67	Eletrodo modificado em filme de paládio para a determinação voltamétrica de fosfito. <i>Eletica Quimica</i> , 2002, 27, 161-168.	0.2	3
68	Estudo eletroquímico de Fe[Fe(CN) ₅ NO] em eletrodo de pasta de grafite. <i>Eletica Quimica</i> , 2002, 27, 197-210.	0.2	21
69	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
70	The cathodic deprotection of the nitrobenzoyl group from phenyl nitrobenzoates in N,N-dimethylformamide. <i>Journal of Electroanalytical Chemistry</i> , 1997, 431, 237-241.	1.9	7
71	The electrochemical cleavage of the nitrobenzoyl group from butyl nitrobenzoates in n,n-dimethylformamide. <i>Journal of Electroanalytical Chemistry</i> , 1996, 415, 27-32.	1.9	3
72	Electrochemical behavior of aromatic amines protected by the nitrobenzenesulfonyl group. <i>Electroanalysis</i> , 1995, 7, 365-369.	1.5	6

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73	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
74	The cathodic cleavage of the nitrobenzenesulfonyl group from aliphatic amines in N,N-dimethylformamide. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 312, 141-154.	0.3	8
75	Correction factors for glass electrodes in aqueous dimethylsulphoxide solutions. Talanta, 1989, 36, 427-427.	2.9	3
76	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
77	Molecularly Imprinted Polypyrrole on Glassy Carbon Electrode Modified with Reduced Graphene Oxide and Gold Nanoparticles for Isoamyl Alcohol Analysis in Fusel Oil. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
78	FUEL ETHANOL QUALITY: METHODS OF ANALYSIS AND REFERENCE MATERIALS. , 0, , 813-828.		1
79	New Detector Based on Composite of Carbon Nanotubes with Nanoparticles of Cobalt Oxide for Carbohydrates Analysis by HPLC with Reverse Pulsed Amperometric Detection. Journal of the Brazilian Chemical Society, 0, , .	0.6	0