

LÃ°cio Angnes

List of Publications by Year in descending order

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173
papers

6,687
citations

61857

43
h-index

85405

71
g-index

177
all docs

177
docs citations

177
times ranked

5571
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical immunosensors – A powerful tool for analytical applications. <i>Biosensors and Bioelectronics</i> , 2018, 102, 470-478.	5.3	407
2	Miniaturized reference electrodes with microporous polymer junctions. <i>Electroanalysis</i> , 1996, 8, 673-675.	1.5	234
3	Performance of screen-printed carbon electrodes fabricated from different carbon inks. <i>Electrochimica Acta</i> , 1998, 43, 3459-3465.	2.6	202
4	Metal-dispersed carbon paste electrodes. <i>Analytical Chemistry</i> , 1992, 64, 1285-1288.	3.2	167
5	Determination of the refractive index increment (dn/dc) of molecule and macromolecule solutions by surface plasmon resonance. <i>Analytical Biochemistry</i> , 2004, 333, 273-279.	1.1	152
6	Trimetallic oxides/hydroxides as hybrid supercapacitor electrode materials: a review. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10534-10570.	5.2	151
7	Gold Electrodes from Recordable CDs. <i>Analytical Chemistry</i> , 2000, 72, 5503-5506.	3.2	143
8	Batch Injection Analysis: An Almost Unexplored Powerful Tool. <i>Electroanalysis</i> , 2004, 16, 513-523.	1.5	124
9	Single-Step Reagentless Laser Scribing Fabrication of Electrochemical Paper-Based Analytical Devices. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15113-15117.	7.2	122
10	Miniaturized glucose sensors based on electrochemical codeposition of rhodium and glucose oxidase onto carbon-fiber electrodes. <i>Analytical Chemistry</i> , 1992, 64, 456-459.	3.2	115
11	Flow injection analysis-ampereometric determination of ascorbic and uric acids in urine using arrays of gold microelectrodes modified by electrodeposition of palladium. <i>Analytica Chimica Acta</i> , 2000, 404, 151-157.	2.6	114
12	Wearable electrochemical sensors for forensic and clinical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 119, 115622.	5.8	104
13	Recent trends and perspectives in electrochemical sensors based on MOF-derived materials. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8718-8745.	2.7	100
14	Electrochemistry of a tetra-ruthenated cobalt porphyrin and its use in modified electrodes as sensors of reducing analytes. <i>Journal of Electroanalytical Chemistry</i> , 1995, 397, 205-210.	1.9	96
15	Vanadium-containing electro and photocatalysts for the oxygen evolution reaction: a review. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2171-2206.	5.2	94
16	Multifunctional spinel MnCo_2O_4 based materials for energy storage and conversion: a review on emerging trends, recent developments and future perspectives. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3095-3124.	5.2	88
17	Ampereometric detection of nitrite and nitrate at tetra-ruthenated porphyrin-modified electrodes in a continuous-flow assembly. <i>Analytica Chimica Acta</i> , 2002, 452, 23-28.	2.6	78
18	Recent advances in ternary layered double hydroxide electrocatalysts for the oxygen evolution reaction. <i>New Journal of Chemistry</i> , 2020, 44, 9981-9997.	1.4	76

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19	Modified microelectrodes and multivariate calibration for flow injection amperometric simultaneous determination of ascorbic acid, dopamine, epinephrine and dipyrone. <i>Analyst, The</i> , 2000, 125, 2011-2015.	1.7	75
20	Carbon film resistor electrode for amperometric determination of acetaminophen in pharmaceutical formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1622-1627.	1.4	72
21	Electrochemical (Bio)Sensors Enabled by Fused Deposition Modeling-Based 3D Printing: A Guide to Selecting Designs, Printing Parameters, and Post-Treatment Protocols. <i>Analytical Chemistry</i> , 2022, 94, 6417-6429.	3.2	72
22	Determination of sulfur dioxide in wines by gas-diffusion flow injection analysis utilizing modified electrodes with electrostatically assembled films of tetraruthenated porphyrin. <i>Analytica Chimica Acta</i> , 1999, 387, 175-180.	2.6	71
23	Batch Injection Analysis Utilizing Modified Electrodes with Tetraruthenated Porphyrin Films for Acetaminophen Quantification. <i>Electroanalysis</i> , 2002, 14, 1629-1634.	1.5	66
24	Carbon aerogel composite electrodes. <i>Analytical Chemistry</i> , 1993, 65, 2300-2303.	3.2	65
25	Recent progress in water splitting and hybrid supercapacitors based on nickel-vanadium layered double hydroxides. <i>Journal of Energy Chemistry</i> , 2021, 57, 496-515.	7.1	65
26	Screen-printed tyrosinase-containing electrodes for the biosensing of enzyme inhibitors. <i>Talanta</i> , 1996, 43, 1903-1907.	2.9	64
27	Organic-phase enzymic assays with ultramicroelectrodes. <i>Analytical Chemistry</i> , 1991, 63, 2993-2994.	3.2	63
28	Cobalt oxide/tetraruthenated cobalt-porphyrin composite for hydrogen peroxide amperometric sensors. <i>Analyst, The</i> , 2005, 130, 221.	1.7	63
29	Highly Sensitive Amperometric Glucose Sensors Based on Nanostructured $\text{Ni}(\text{OH})_2$ Electrodes. <i>Electroanalysis</i> , 2011, 23, 2541-2548.	1.5	62
30	Batch Injection Analysis Better than ever: New Materials for Improved Electrochemical Detection and On-site Applications. <i>Electroanalysis</i> , 2018, 30, 1386-1399.	1.5	59
31	Electrochemical detection of NADH and dopamine in flow analysis based on tetraruthenated porphyrin modified electrodes. <i>Analytica Chimica Acta</i> , 1996, 329, 91-95.	2.6	58
32	Electrophoresis microchip fabricated by a direct-printing process with end-channel amperometric detection. <i>Electrophoresis</i> , 2004, 25, 3832-3839.	1.3	58
33	Amperometric sensor for glucose based on electrochemically polymerized tetraruthenated nickel-porphyrin. <i>Analytica Chimica Acta</i> , 2005, 539, 215-222.	2.6	58
34	Rectifying properties and photoconductivity of tetraruthenated nickel porphyrin films. <i>Advanced Materials</i> , 1995, 7, 554-559.	11.1	57
35	Scanning tunneling microscopic probing of surface fouling during the oxidation of nicotinamide coenzymes. <i>Bioelectrochemistry</i> , 1992, 29, 215-221.	1.0	56
36	Zucchini crude extract-palladium-modified carbon paste electrode for the determination of hydroquinone in photographic developers. <i>Analytica Chimica Acta</i> , 1999, 398, 145-151.	2.6	55

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37	Recent progress in water-splitting and supercapacitor electrode materials based on MOF-derived sulfides. <i>Journal of Materials Chemistry A</i> , 2022, 10, 430-474.	5.2	54
38	Remarkably selective metallized-carbon amperometric biosensors. <i>Analytica Chimica Acta</i> , 1995, 305, 3-7.	2.6	53
39	Epinephrine quantification in pharmaceutical formulations utilizing plant tissue biosensors. <i>Biosensors and Bioelectronics</i> , 2006, 21, 2283-2289.	5.3	53
40	Combination of ultrasonic extraction and stripping analysis: An effective and reliable way for the determination of Cu and Pb in lubricating oils. <i>Talanta</i> , 2006, 68, 850-856.	2.9	52
41	Flow-injection system with enzyme reactor for differential amperometric determination of hydrogen peroxide in rainwater. <i>Analytica Chimica Acta</i> , 2001, 441, 73-79.	2.6	51
42	Fast ultrasound-assisted treatment of urine samples for chronopotentiometric stripping determination of mercury at gold film electrodes. <i>Analytica Chimica Acta</i> , 2006, 571, 93-98.	2.6	46
43	Simultaneous determination of copper and lead in ethanol fuel by anodic stripping voltammetry. <i>Microchemical Journal</i> , 2004, 77, 157-162.	2.3	45
44	Graphite-teflon enzyme electrode. <i>Electroanalysis</i> , 1993, 5, 575-579.	1.5	44
45	On-line monitoring of hydrophobic compounds at self-assembled monolayer modified amperometric flow detectors. <i>Analytical Chemistry</i> , 1993, 65, 1893-1896.	3.2	43
46	Disposable Gold Electrodes with Reproducible Area Using Recordable CDs and Toner Masks. <i>Electroanalysis</i> , 2006, 18, 89-94.	1.5	43
47	Feasible strategies to promote the sensing performances of spinel $MCo_{2}O_{4}(M)$ Tj ETQq1 1 0.784314 rgBT 2021, 9, 7852-7887.	2.7	43
48	Compact Disks, a New Source for Gold Electrodes. Application to the Quantification of Copper by PSA. <i>Electroanalysis</i> , 2001, 13, 760-764.	1.5	42
49	LTCC manifold for heavy metal detection system in biomedical and environmental fluids. <i>Sensors and Actuators B: Chemical</i> , 2004, 103, 468-473.	4.0	42
50	Electroanalysis of Crude Oil and Petroleum-Based Fuel for Trace Metals:Á Evaluation of Different Microwave-Assisted Sample Decompositions and Stripping Techniques. <i>Energy & Fuels</i> , 2007, 21, 295-302.	2.5	42
51	Gold electrodes from compact discs modified with platinum for amperometric determination of ascorbic acid in pharmaceutical formulations. <i>Talanta</i> , 2001, 55, 855-860.	2.9	41
52	Amperometric quantification of sodium metabisulfite in pharmaceutical formulations utilizing tetra-ruthenated porphyrin film modified electrodes and batch injection analysis. <i>Talanta</i> , 2006, 68, 1281-1286.	2.9	41
53	Reagentless and sub-minute laser-scribing treatment to produce enhanced disposable electrochemical sensors via additive manufacture. <i>Chemical Engineering Journal</i> , 2021, 425, 130594.	6.6	41
54	Eletrodos fabricados por "silk-screen". <i>Quimica Nova</i> , 1998, 21, 614.	0.3	39

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55	Chronopotentiometric Stripping Analysis Using Gold Electrodes, an Efficient Technique for Mercury Quantification in Natural Waters. <i>Electroanalysis</i> , 2005, 17, 755-761.	1.5	39
56	Fast and Accurate Analysis of Drugs Using Amperometry Associated With Flow Injection Analysis. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4784-4804.	1.6	39
57	Influence of cobalt content on nanostructured alpha-phase-nickel hydroxide modified electrodes for electrocatalytic oxidation of isoniazid. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 601-606.	4.0	39
58	Single-Step Reagentless Laser Scribing Fabrication of Electrochemical Paper-Based Analytical Devices. <i>Angewandte Chemie</i> , 2017, 129, 15309-15313.	1.6	39
59	Wearable soft electrochemical microfluidic device integrated with iontophoresis for sweat biosensing. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5411-5421.	1.9	39
60	Flow-injection electrochemical determination of citric acid using a cobalt(II)-phthalocyanine modified carbon paste electrode. <i>Talanta</i> , 2013, 105, 354-359.	2.9	38
61	Determination of anions, cations, and sugars in coconut water by capillary electrophoresis. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 1134.	0.6	37
62	Miniaturized flow system based on enzyme modified PMMA microreactor for amperometric determination of glucose. <i>Biosensors and Bioelectronics</i> , 2013, 47, 539-544.	5.3	37
63	Direct nitrate sensing in water using an array of copper-microelectrodes from flat flexible cables. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 94-98.	4.0	36
64	Application of electrochemical biosensors for the detection of microRNAs (miRNAs) related to cancer. <i>Coordination Chemistry Reviews</i> , 2022, 464, 214565.	9.5	36
65	Simultaneous quantification of ascorbic acid, uric acid and nitrite using a clay/porphyrin modified electrode. <i>Sensors and Actuators B: Chemical</i> , 2015, 212, 464-471.	4.0	35
66	Determination of salbutamol in syrups by capillary electrophoresis with contactless conductivity detection (CE-C4D). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 1288-1292.	1.4	34
67	Electrocatalysis and amperometric detection of organic peroxides at modified carbon-paste electrodes. <i>Talanta</i> , 1991, 38, 1077-1081.	2.9	33
68	Determination of inorganic ions in ethanol fuel by capillary electrophoresis. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 523-526.	0.6	33
69	Bia-amperometric quantification of salbutamol in pharmaceutical products. <i>Talanta</i> , 2004, 62, 231-236.	2.9	33
70	Fast BIA-amperometric determination of isoniazid in tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 42, 400-404.	1.4	33
71	Coconut-based plant tissue reactor for biosensing of catechol in flow injection analysis. <i>Analytica Chimica Acta</i> , 1997, 354, 325-331.	2.6	32
72	Potentiometric Stripping Analysis for Simultaneous Determination of Copper and Lead in Lubricating Oils After Total Digestion in a Focused Microwave-Assisted Oven. <i>Mikrochimica Acta</i> , 2005, 149, 199-204.	2.5	32

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73	Dimethylglyoxime doped sol-gel carbon composite voltammetric sensor for trace nickel. <i>Electroanalysis</i> , 1997, 9, 689-692.	1.5	31
74	FIA-potentiometry in the sub-Nernstian response region for rapid and direct chloride assays in milk and in coconut water. <i>Talanta</i> , 2005, 67, 651-657.	2.9	31
75	New hydrazine sensors based on electropolymerized meso-tetra(4-sulphonatephenyl)porphyrinate manganese(III)/silver nanomaterial. <i>Talanta</i> , 2008, 74, 730-735.	2.9	31
76	A simple paper-strip colorimetric method utilizing dehydrogenase enzymes for analysis of food components. <i>Analytical Methods</i> , 2015, 7, 8177-8184.	1.3	31
77	Extending the Lifetime of the Running Electrolyte in Capillary Electrophoresis by Using Additional Compartments for External Electrolysis. <i>Analytical Chemistry</i> , 2005, 77, 607-614.	3.2	30
78	Quantification of N-acetylcysteine in pharmaceuticals using cobalt phthalocyanine modified graphite electrodes. <i>Talanta</i> , 2011, 83, 1701-1706.	2.9	30
79	Amperometric determination of dipyrone in pharmaceutical formulations with a flow cell containing gold electrodes from recordable compact discs. <i>Journal of Pharmaceutical Sciences</i> , 2001, 90, 1972-1977.	1.6	29
80	Use of poly(methyl methacrylate)/polyethyleneimine flow microreactors for enzyme immobilization. <i>Microchemical Journal</i> , 2015, 118, 231-237.	2.3	29
81	Computerized pipettes with programmable dispensation. <i>Analytica Chimica Acta</i> , 1992, 267, 171-177.	2.6	28
82	Uric acid electrochemical sensing in biofluids based on Ni/Zn hydroxide nanocatalyst. <i>Mikrochimica Acta</i> , 2020, 187, 379.	2.5	28
83	An Electrochemically Synthesized Nanoporous Copper Microsensor for Highly Sensitive and Selective Determination of Glyphosate. <i>ChemElectroChem</i> , 2020, 7, 1558-1566.	1.7	28
84	A fast, highly efficient, continuous degassing device and its application to oxygen removal in flow-injection analysis with amperometric detection. <i>Analytica Chimica Acta</i> , 1994, 298, 393-399.	2.6	26
85	Determination of propranolol and hydrochlorothiazide by batch injection analysis with amperometric detection and capillary electrophoresis with capacitively coupled contactless conductivity detection. <i>Analytical Methods</i> , 2014, 6, 3261-3267.	1.3	26
86	Fast quantification of Î±-lipoic acid in biological samples and dietary supplements using batch injection analysis with amperometric detection. <i>Talanta</i> , 2016, 154, 249-254.	2.9	26
87	Enhanced performance of pencil-drawn paper-based electrodes by laser-scribing treatment. <i>RSC Advances</i> , 2021, 11, 1644-1653.	1.7	26
88	Nanoporous Gold-Based Materials for Electrochemical Energy Storage and Conversion. <i>Energy Technology</i> , 2021, 9, 2000927.	1.8	26
89	Disposable nickel screen-printed sensor based on dimethylglyoxime-containing carbon ink. <i>Electroanalysis</i> , 1996, 8, 635-638.	1.5	25
90	Flow-through Cell Based on an Array of Gold Microelectrodes Obtained From Modified Integrated Circuit Chips. <i>Analyst</i> , The, 1997, 122, 843-847.	1.7	25

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91	Propulsor pneumÁtico versÁtil e isento de pulsaÃ§Ão para sistemas de anÁlise em fluxo. Quimica Nova, 2001, 24, 795-798.	0.3	25
92	Disposable twin gold electrodes for amperometric detection in capillary electrophoresis. Electrophoresis, 2004, 25, 2965-2969.	1.3	25
93	Fast and reliable analyses of sulphite in fruit juices using a supramolecular amperometric detector encompassing in flow gas diffusion unit. Food Chemistry, 2011, 127, 249-255.	4.2	25
94	GO composite encompassing a tetra-ruthenated cobalt porphyrin-Ni coordination polymer and its behavior as isoniazid BIA sensor. Electrochimica Acta, 2019, 300, 113-122.	2.6	25
95	Electroanalysis of the interaction between (âˆ“)-epigallocatechin-3-gallate (EGCG) and amyloid-Î² in the presence of copper. Metallomics, 2013, 5, 259.	1.0	24
96	Amperometric determination of promethazine in tablets using an electrochemically reduced graphene oxide modified electrode. New Journal of Chemistry, 2015, 39, 696-702.	1.4	24
97	Simultaneous determination of acetaminophen and tyrosine using a glassy carbon electrode modified with a tetra-ruthenated cobalt(II) porphyrin intercalated into a smectite clay. Mikrochimica Acta, 2016, 183, 3243-3253.	2.5	24
98	Evaluation of graphite sheets for production of high-quality disposable sensors. Journal of Electroanalytical Chemistry, 2019, 833, 560-567.	1.9	24
99	A novel functionalisation process for glucose oxidase immobilisation in poly(methyl methacrylate) microchannels in a flow system for amperometric determinations. Talanta, 2014, 126, 20-26.	2.9	23
100	Determination of Î±-Lipoic acid on a Pyrolytic Graphite Electrode Modified with Cobalt Phthalocyanine. Electroanalysis, 2014, 26, 2138-2144.	1.5	22
101	Electrochemical Determination of Uric Acid, Dopamine and Tryptophan at Zinc Hexacyanoferrate Clay Modified Electrode. Electroanalysis, 2015, 27, 2387-2398.	1.5	22
102	Mercury-coated carbon-foam composite electrodes for stripping analysis for trace metals. Analytical Chemistry, 1992, 64, 151-155.	3.2	21
103	Arrays of gold microelectrodes made from split integrated circuit chips. Electroanalysis, 1997, 9, 335-339.	1.5	21
104	Ni-based double hydroxides as electrocatalysts in chemical sensors: AÂˆreview. TrAC - Trends in Analytical Chemistry, 2020, 126, 115859.	5.8	21
105	Utilisation of micro- and nanoscaled materials in microfluidic analytical devices. Microchemical Journal, 2015, 119, 159-168.	2.3	20
106	Forensic electrochemistry: Electrochemical study and quantification of xylazine in pharmaceutical and urine samples. Electrochimica Acta, 2019, 295, 726-734.	2.6	20
107	Recent Progress in Core@Shell Sulfide Electrode Materials for Advanced Supercapacitor Devices. Batteries and Supercaps, 2021, 4, 1397-1427.	2.4	20
108	Fast Determination of Ciclopirox in Pharmaceutical Products by Amperometry in Flow and Batch Injection Systems. Electroanalysis, 2012, 24, 961-966.	1.5	19

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109	Unveiling the Structure of Polytetraruthenated Nickel Porphyrin by Raman Spectroelectrochemistry. <i>Langmuir</i> , 2015, 31, 4351-4360.	1.6	19
110	Nanostructured Alpha-NiCe Mixed Hydroxide for Highly Sensitive Amperometric Prednisone Sensors. <i>Electrochimica Acta</i> , 2017, 247, 30-40.	2.6	19
111	Vegetable tissue from <i>latania</i> sp.: an extraordinary source of naturally immobilized enzymes for the detection of phenolic compounds. <i>Analyst, The</i> , 1998, 123, 2377-2382.	1.7	18
112	Quantification of terbinafine in pharmaceutical tablets using capillary electrophoresis with contactless conductivity detection and batch injection analysis with amperometric detection. <i>Talanta</i> , 2012, 101, 220-225.	2.9	18
113	Electrochemical Determination of Organic Compounds in Automotive Fuels. <i>Electroanalysis</i> , 2014, 26, 233-242.	1.5	18
114	Fast analysis of terbutaline in pharmaceuticals using multi-walled nanotubes modified electrodes from recordable compact disc. <i>Analytica Chimica Acta</i> , 2016, 928, 32-38.	2.6	17
115	Disposable Voltammetric Immunosensors Integrated with Microfluidic Platforms for Biomedical, Agricultural and Food Analyses: A Review. <i>Sensors</i> , 2018, 18, 4124.	2.1	17
116	Disposable electrochemical microfluidic device for ultrasensitive detection of egg allergen in wine samples. <i>Talanta</i> , 2021, 232, 122447.	2.9	17
117	Screen-Printed Technologies Combined with Flow Analysis Techniques: Moving from Benchtop to Everywhere. <i>Analytical Chemistry</i> , 2022, 94, 250-268.	3.2	17
118	Electrochemical aptamer-based nanobiosensors for diagnosing Alzheimer's disease: A review. <i>Materials Science and Engineering C</i> , 2022, 135, 112689.	3.8	17
119	Flow injection analysis using carbon film resistor electrodes for amperometric determination of ambroxol. <i>Talanta</i> , 2008, 76, 128-133.	2.9	16
120	Aplicaes electroanalicas com eletrodos de prata confeccionados a partir de CDs gravveis. <i>Quimica Nova</i> , 2003, 26, 839-843.	0.3	14
121	Fast batch injection analysis of H ₂ O ₂ using an array of Pt-modified gold microelectrodes obtained from split electronic chips. <i>Analytica Chimica Acta</i> , 2011, 696, 53-58.	2.6	14
122	Amperometric Folic Acid Quantification Using a Supramolecular Tetraruthenated Nickel Porphyrin µ-Peroxoµ-Bridged Matrix Modified Electrode Associated to Batch Injection Analysis. <i>Electroanalysis</i> , 2015, 27, 2322-2328.	1.5	14
123	Determination of Benzocaine and Tricaine in Fish Fillets Using BIA with Amperometric Detection. <i>Electroanalysis</i> , 2018, 30, 283-287.	1.5	14
124	Fast and reliable BIA/amperometric quantification of acetylcysteine using a nanostructured double hydroxide sensor. <i>Talanta</i> , 2018, 186, 354-361.	2.9	14
125	Recent advances in electroanalytical drug detection by porphyrin/phthalocyanine macrocycles: developments and future perspectives. <i>Analyst, The</i> , 2021, 146, 365-381.	1.7	14
126	Electrochemical sensor for isoniazid detection by using a WS ₂ /CNTs nanocomposite. <i>Sensors and Actuators Reports</i> , 2022, 4, 100073.	2.3	14

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127	Electrochemical nanobiosensors equipped with peptides: a review. <i>Mikrochimica Acta</i> , 2022, 189, 94.	2.5	14
128	Batch injection analysis with the rotating disk electrode. <i>Electroanalysis</i> , 1991, 3, 773-776.	1.5	13
129	Automatic mercury drop electrode with double solenoid activated valve. <i>Electroanalysis</i> , 1992, 4, 635-642.	1.5	13
130	Avaliao da composio qumica de guas do Sistema Guarapiranga: estudo de caso nos anos de 2002 e 2003. <i>Quimica Nova</i> , 2007, 30, 1147-1152.	0.3	13
131	Determination of ciclopirox olamine in pharmaceutical products by capillary electrophoresis with capacitively coupled contactless conductivity detection. <i>Electrophoresis</i> , 2011, 32, 900-905.	1.3	13
132	Analysis of <i>Ecstasy</i> Tablets Using Capillary Electrophoresis with Capacitively Coupled Contactless Conductivity Detection. <i>Journal of Forensic Sciences</i> , 2014, 59, 1622-1626.	0.9	13
133	Nanostructured mixed Ni/Pt hydroxides electrodes for BIA-amperometry determination of hydralazine. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 95, 475-480.	2.7	13
134	A simple and fast procedure for in situ determination of water in ethanol fuel. <i>Journal of the Brazilian Chemical Society</i> , 2013, 24, 418-422.	0.6	13
135	Additively manufactured carbon/black-integrated polylactic acid 3Dprinted sensor for simultaneous quantification of uric acid and zinc in sweat. <i>Mikrochimica Acta</i> , 2021, 188, 388.	2.5	13
136	Adaptation of poly(tetrafluoroethylene) tips to mercury drop electrodes and evaluation by flow injection analysis. <i>Analytical Chemistry</i> , 1993, 65, 500-503.	3.2	11
137	Ultrasound-assisted treatment of coconut water samples for potentiometric stripping determination of zinc. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 410-415.	0.6	11
138	Strategies to avoid electrode fouling for nimesulide detection using unmodified electrodes. <i>Analytical Methods</i> , 2013, 5, 3546.	1.3	11
139	Heat-transference of toner masks onto conductive substrates: A rapid and easy way to produce microelectrode ensembles. <i>Electrochemistry Communications</i> , 2007, 9, 1091-1096.	2.3	10
140	Electrochemical Determination of Inorganic Contaminants in Automotive Fuels. <i>Electroanalysis</i> , 2012, 24, 1681-1691.	1.5	10
141	New Electrochemical Flow-Cell Configuration Integrated into a Three-Dimensional Microfluidic Platform: Improving Analytical Application in the Presence of Air Bubbles. <i>Analytical Chemistry</i> , 2018, 90, 10917-10926.	3.2	10
142	Batch Injection Spectroscopy. <i>Analytical Letters</i> , 1993, 26, 2329-2339.	1.0	9
143	Under flow impedimetric measurements using magnetic particles for label-free detection affinity target. <i>Materials Science and Engineering C</i> , 2008, 28, 820-825.	3.8	8
144	Disposable Graphite Foil Based Electrodes and Their Application in Pharmaceutical Analysis. <i>Electroanalysis</i> , 2010, 22, 1290-1296.	1.5	8

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145	Use of Metals and Anion Species with Chemometrics Tools for Classification of Unprocessed and Processed Coconut Waters. <i>Food Analytical Methods</i> , 2011, 4, 49-56.	1.3	8
146	Tuning Selectivity and Sensitivity of Mixedâ€polymeric Tetra-ruthenated Metalloporphyrins Modified Electrodes as Voltammetric Sensors of Chloramphenicol. <i>Electroanalysis</i> , 2019, 31, 688-694.	1.5	8
147	Reviewâ€Tetra-ruthenated Porphyrins and Composites as Catalysts and Sensor Materials: A Short Review. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 061011.	0.9	8
148	An aptasensing platform for detection of heat shock protein 70âkDa (HSP70) using a modified gold electrode with lady fern-like gold (LFG) nanostructure. <i>Talanta</i> , 2022, 246, 123511.	2.9	8
149	FIA-Spectrophotometric Method for Determination of Nitrite in Meat Products: An Experiment Exploring Color Reduction of an Azo-Compound. <i>Journal of Chemical Education</i> , 2005, 82, 1074.	1.1	7
150	Nanostructured Alphaâ€Nickel Hydroxide Electrodes for High Performance Hydrogen Peroxide Sensing. <i>Electroanalysis</i> , 2013, 25, 2060-2066.	1.5	7
151	Lamellar FeO _c Pcâ€Ni/GO Compositeâ€Based Enzymeless Glucose Sensor. <i>ChemElectroChem</i> , 2020, 7, 2553-2563.	1.7	7
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