LÃºcio 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	Sensing Materials: Metal Oxides. , 2023, , 98-113.		3
2	Screen-Printed Technologies Combined with Flow Analysis Techniques: Moving from Benchtop to Everywhere. Analytical Chemistry, 2022, 94, 250-268.	3.2	17
3	Wearable soft electrochemical microfluidic device integrated with iontophoresis for sweat biosensing. Analytical and Bioanalytical Chemistry, 2022, 414, 5411-5421.	1.9	39
4	Electrochemical sensor for isoniazid detection by using a WS2/CNTs nanocomposite. Sensors and Actuators Reports, 2022, 4, 100073.	2.3	14
5	Electrochemical aptamer-based nanobiosensors for diagnosing Alzheimer's disease: A review. Materials Science and Engineering C, 2022, 135, 112689.	3.8	17
6	Recent progress in water-splitting and supercapacitor electrode materials based on MOF-derived sulfides. Journal of Materials Chemistry A, 2022, 10, 430-474.	5.2	54
7	Electrochemical nanobiosensors equipped with peptides: a review. Mikrochimica Acta, 2022, 189, 94.	2.5	14
8	Electrochemical (Bio)Sensors Enabled by Fused Deposition Modeling-Based 3D Printing: A Guide to Selecting Designs, Printing Parameters, and Post-Treatment Protocols. Analytical Chemistry, 2022, 94, 6417-6429.	3.2	72
9	Application of electrochemical biosensors for the detection of microRNAs (miRNAs) related to cancer. Coordination Chemistry Reviews, 2022, 464, 214565.	9.5	36
10	An aptasensing platform for detection of heat shock protein 70ÂkDa (HSP70) using a modified gold electrode with lady fern-like gold (LFG) nanostructure. Talanta, 2022, 246, 123511.	2.9	8
11	Graphite-polystyrene composite with enhanced electrochemical and electroanalytical performance. Talanta, 2021, 223, 121780.	2.9	5
12	Recent progress in water splitting and hybrid supercapacitors based on nickel-vanadium layered double hydroxides. Journal of Energy Chemistry, 2021, 57, 496-515.	7.1	65
13	Recent advances in electroanalytical drug detection by porphyrin/phthalocyanine macrocycles: developments and future perspectives. Analyst, The, 2021, 146, 365-381.	1.7	14
14	Newly designed dual-mode electrochemical sensor onto a single polydimethylsiloxane-based chip. Talanta, 2021, 221, 121611.	2.9	2
15	Multifunctional spinel MnCo₂O₄ based materials for energy storage and conversion: a review on emerging trends, recent developments and future perspectives. Journal of Materials Chemistry A, 2021, 9, 3095-3124.	5.2	88
16	Recent trends and perspectives in electrochemical sensors based on MOF-derived materials. Journal of Materials Chemistry C, 2021, 9, 8718-8745.	2.7	100
17	Feasible strategies to promote the sensing performances of spinel MCo₂O₄(M) Tj ETQq1 1 0.784314 rgBT 2021, 9, 7852-7887.	2.7	43
18	Enhanced performance of pencil-drawn paper-based electrodes by laser-scribing treatment. RSC Advances, 2021, 11, 1644-1653.	1.7	26

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19	Recent Progress in Core@Shell Sulfide Electrode Materials for Advanced Supercapacitor Devices. Batteries and Supercaps, 2021, 4, 1397-1427.	2.4	20
20	Nanoporous Goldâ€Based Materials for Electrochemical Energy Storage and Conversion. Energy Technology, 2021, 9, 2000927.	1.8	26
21	Mass Transport in Nanoporous Gold and Correlation with Surface Pores for EC 1 Mechanism: Case of Ascorbic Acid. ChemElectroChem, 2021, 8, 2129-2136.	1.7	3
22	Screenâ€printed Nickelâ€Cerium Hydroxide Sensor for Acetaminophen Determination in Body Fluids. ChemElectroChem, 2021, 8, 2505-2511.	1.7	5
23	Disposable electrochemical microfluidic device for ultrasensitive detection of egg allergen in wine samples. Talanta, 2021, 232, 122447.	2.9	17
24	Simultaneous separation and electroanalysis in a single polydimethylsiloxane-based platform. Talanta, 2021, 233, 122514.	2.9	1
25	Reagentless and sub-minute laser-scribing treatment to produce enhanced disposable electrochemical sensors via additive manufacture. Chemical Engineering Journal, 2021, 425, 130594.	6.6	41
26	Additively manufactured carbon/black-integrated polylactic acid 3Dprintedsensor for simultaneous quantification of uric acid and zinc in sweat. Mikrochimica Acta, 2021, 188, 388.	2.5	13
27	NiVCe-Layered Double Hydroxide as Multifunctional Nanomaterials for Energy and Sensor Applications. Frontiers in Materials, 2021, 8, .	1.2	4
28	Vanadium-containing electro and photocatalysts for the oxygen evolution reaction: a review. Journal of Materials Chemistry A, 2020, 8, 2171-2206.	5.2	94
29	Ultrasonic-Assisted Digestion of Cement and Clinker Samples for the Determination of Manganese by Square Wave Cathodic Stripping Voltammetry. Analytical Letters, 2020, 53, 1075-1086.	1.0	2
30	Reviewâ€"Tetraruthenated Porphyrins and Composites as Catalysts and Sensor Materials: A Short Review. ECS Journal of Solid State Science and Technology, 2020, 9, 061011.	0.9	8
31	Uric acid electrochemical sensing in biofluids based on Ni/Zn hydroxide nanocatalyst. Mikrochimica Acta, 2020, 187, 379.	2.5	28
32	Ni-based double hydroxides as electrocatalysts in chemical sensors: AÂreview. TrAC - Trends in Analytical Chemistry, 2020, 126, 115859.	5.8	21
33	Recent advances in ternary layered double hydroxide electrocatalysts for the oxygen evolution reaction. New Journal of Chemistry, 2020, 44, 9981-9997.	1.4	76
34	An Electrochemically Synthesized Nanoporous Copper Microsensor for Highly Sensitive and Selective Determination of Glyphosate. ChemElectroChem, 2020, 7, 1558-1566.	1.7	28
35	Trimetallic oxides/hydroxides as hybrid supercapacitor electrode materials: a review. Journal of Materials Chemistry A, 2020, 8, 10534-10570.	5.2	151
36	Lamellar FeOcPcâ€Ni/GO Compositeâ€Based Enzymeless Glucose Sensor. ChemElectroChem, 2020, 7, 2553-2563.	1.7	7

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37	Wearable electrochemical sensors for forensic and clinical applications. TrAC - Trends in Analytical Chemistry, 2019, 119, 115622.	5.8	104
38	GO composite encompassing a tetraruthenated cobalt porphyrin-Ni coordination polymer and its behavior as isoniazid BIA sensor. Electrochimica Acta, 2019, 300, 113-122.	2.6	25
39	Evaluation of graphite sheets for production of high-quality disposable sensors. Journal of Electroanalytical Chemistry, 2019, 833, 560-567.	1.9	24
40	Tuning Selectivity and Sensitivity of Mixedâ€polymeric Tetraruthenated Metalloporphyrins Modified Electrodes as Voltammetric Sensors of Chloramphenicol. Electroanalysis, 2019, 31, 688-694.	1.5	8
41	Forensic electrochemistry: Electrochemical study and quantification of xylazine in pharmaceutical and urine samples. Electrochimica Acta, 2019, 295, 726-734.	2.6	20
42	Nanostructured mixed Ni/Pt hydroxides electrodes for BIA-amperometry determination of hydralazine. Journal of the Taiwan Institute of Chemical Engineers, 2019, 95, 475-480.	2.7	13
43	Batchâ€injection Analysis Better than ever: New Materials for Improved Electrochemical Detection and Onâ€site Applications. Electroanalysis, 2018, 30, 1386-1399.	1.5	59
44	Determination of Benzocaine and Tricaine in Fish Fillets Using BIA with Amperometric Detection. Electroanalysis, 2018, 30, 283-287.	1.5	14
45	Fast and reliable BIA/amperometric quantification of acetylcysteine using a nanostructured double hydroxide sensor. Talanta, 2018, 186, 354-361.	2.9	14
46	Electrochemical immunosensors â€“ A powerful tool for analytical applications. Biosensors and Bioelectronics, 2018, 102, 470-478.	5.3	407
47	Disposable Voltammetric Immunosensors Integrated with Microfluidic Platforms for Biomedical, Agricultural and Food Analyses: A Review. Sensors, 2018, 18, 4124.	2.1	17
48	New Electrochemical Flow-Cell Configuration Integrated into a Three-Dimensional Microfluidic Platform: Improving Analytical Application in the Presence of Air Bubbles. Analytical Chemistry, 2018, 90, 10917-10926.	3.2	10
49	Electrochemical Measurements of Glucose Using a Micro Flowâ€Through Immobilized Enzyme Reactor. Electroanalysis, 2017, 29, 1474-1480.	1.5	0
50	Singleâ€Step Reagentless Laser Scribing Fabrication of Electrochemical Paperâ€Based Analytical Devices. Angewandte Chemie, 2017, 129, 15309-15313.	1.6	39
51	Singleâ€Step Reagentless Laser Scribing Fabrication of Electrochemical Paperâ€Based Analytical Devices. Angewandte Chemie - International Edition, 2017, 56, 15113-15117.	7.2	122
52	Nanostructured Alpha-NiCe Mixed Hydroxide for Highly Sensitive Amperometric Prednisone Sensors. Electrochimica Acta, 2017, 247, 30-40.	2.6	19
53	Fast analysis of terbutaline in pharmaceuticals using multi-walled nanotubes modified electrodes from recordable compact disc. Analytica Chimica Acta, 2016, 928, 32-38.	2.6	17
54	Simultaneous determination of acetaminophen and tyrosine using a glassy carbon electrode modified with a tetraruthenated cobalt(II) porphyrin intercalated into a smectite clay. Mikrochimica Acta, 2016, 183, 3243-3253.	2.5	24

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55	Fast quantification of Î±-lipoic acid in biological samples and dietary supplements using batch injection analysis with amperometric detection. Talanta, 2016, 154, 249-254.	2.9	26
56	Gold random microarrays: design, characterization and amperometric determination of ciclopirox olamine in pharmaceutical products. Analytical Methods, 2016, 8, 1078-1083.	1.3	6
57	Electrochemical Determination of Uric Acid, Dopamine and Tryptophan at Zinc Hexacyanoferrate Clay Modified Electrode. Electroanalysis, 2015, 27, 2387-2398.	1.5	22
58	Amperometric Folic Acid Quantification Using a Supramolecular Tetraruthenated Nickel Porphyrin Âµâ€Peroxoâ€Bridged Matrix Modified Electrode Associated to Batch Injection Analysis. Electroanalysis, 2015, 27, 2322-2328.	1.5	14
59	Simultaneous quantification of ascorbic acid, uric acid and nitrite using a clay/porphyrin modified electrode. Sensors and Actuators B: Chemical, 2015, 212, 464-471.	4.0	35
60	Unveiling the Structure of Polytetraruthenated Nickel Porphyrin by Raman Spectroelectrochemistry. Langmuir, 2015, 31, 4351-4360.	1.6	19
61	A simple paper-strip colorimetric method utilizing dehydrogenase enzymes for analysis of food components. Analytical Methods, 2015, 7, 8177-8184.	1.3	31
62	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
63	Utilisation of micro- and nanoscaled materials in microfluidic analytical devices. Microchemical Journal, 2015, 119, 159-168.	2.3	20
64	Use of poly(methyl methacrylate)/polyethyleneimine flow microreactors for enzyme immobilization. Microchemical Journal, 2015, 118, 231-237.	2.3	29
65	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
66	Analysis of Ecstasy Tablets Using Capillary Electrophoresis with Capacitively Coupled Contactless Conductivity Detection. Journal of Forensic Sciences, 2014, 59, 1622-1626.	0.9	13
67	Determination of Î±â€Lipoic acid on a Pyrolytic Graphite Electrode Modified with Cobalt Phthalocyanine. Electroanalysis, 2014, 26, 2138-2144.	1.5	22
68	Disposable copper random microarray sensor using toner masks: Fabrication and application. Sensors and Actuators B: Chemical, 2014, 203, 406-411.	4.0	5
69	Determination of propranolol and hydrochlorothiazide by batch injection analysis with amperometric detection and capillary electrophoresis with capacitively coupled contactless conductivity detection. Analytical Methods, 2014, 6, 3261-3267.	1.3	26
70	Influence of cobalt content on nanostructured alpha-phase-nickel hydroxide modified electrodes for electrocatalytic oxidation of isoniazid. Sensors and Actuators B: Chemical, 2014, 192, 601-606.	4.0	39
71	Electrochemical Determination of Organic Compounds in Automotive Fuels. Electroanalysis, 2014, 26, 233-242.	1.5	18
72	Direct nitrate sensing in water using an array of copper-microelectrodes from flat flexible cables. Sensors and Actuators B: Chemical, 2013, 188, 94-98.	4.0	36

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73	Strategies to avoid electrode fouling for nimesulide detection using unmodified electrodes. Analytical Methods, 2013, 5, 3546.	1.3	11
74	Electroanalysis of the interaction between (â˜)-epigallocatechin-3-gallate (EGCG) and amyloid-Î² in the presence of copper. Metallomics, 2013, 5, 259.	1.0	24
75	Flow-injection electrochemical determination of citric acid using a cobalt(II)â€“phthalocyanine modified carbon paste electrode. Talanta, 2013, 105, 354-359.	2.9	38
76	Miniaturized flow system based on enzyme modified PMMA microreactor for amperometric determination of glucose. Biosensors and Bioelectronics, 2013, 47, 539-544.	5.3	37
77	Nanostructured Alphaâ€Nickel Hydroxide Electrodes for High Performance Hydrogen Peroxide Sensing. Electroanalysis, 2013, 25, 2060-2066.	1.5	7
78	A simple and fast procedure for in situ determination of water in ethanol fuel. Journal of the Brazilian Chemical Society, 2013, 24, 418-422.	0.6	13
79	Quantification of terbinafine in pharmaceutical tablets using capillary electrophoresis with contactless conductivity detection and batch injection analysis with amperometric detection. Talanta, 2012, 101, 220-225.	2.9	18
80	Fast Determination of Ciclopirox in Pharmaceutical Products by Amperometry in Flow and Batch Injection Systems. Electroanalysis, 2012, 24, 961-966.	1.5	19
81	Electrochemical Determination of Inorganic Contaminants in Automotive Fuels. Electroanalysis, 2012, 24, 1681-1691.	1.5	10
82	Quantification of N-acetylcysteine in pharmaceuticals using cobalt phthalocyanine modified graphite electrodes. Talanta, 2011, 83, 1701-1706.	2.9	30
83	Use of Metals and Anion Species with Chemometrics Tools for Classification of Unprocessed and Processed Coconut Waters. Food Analytical Methods, 2011, 4, 49-56.	1.3	8
84	Highly Sensitive Amperometric Glucose Sensors Based on Nanostructured Î±â€Ni(OH)₂ Electrodes. Electroanalysis, 2011, 23, 2541-2548.	1.5	62
85	Guest Editorial: Electroanalysis and Electrochemical Biosensors in Brazil. Electroanalysis, 2011, 23, 2509-2509.	1.5	0
86	Determination of ciclopirox olamine in pharmaceutical products by capillary electrophoresis with capacitively coupled contactless conductivity detection. Electrophoresis, 2011, 32, 900-905.	1.3	13
87	Fast batch injection analysis of H2O2 using an array of Pt-modified gold microelectrodes obtained from split electronic chips. Analytica Chimica Acta, 2011, 696, 53-58.	2.6	14
88	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
89	Disposable Graphite Foil Based Electrodes and Their Application in Pharmaceutical Analysis. Electroanalysis, 2010, 22, 1290-1296.	1.5	8
90	Fast and Accurate Analysis of Drugs Using Amperometry Associated With Flow Injection Analysis. Journal of Pharmaceutical Sciences, 2010, 99, 4784-4804.	1.6	39

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91	Investigation of interfacial processes at tetraruthenated zinc porphyrin films using electrochemical surface plasmon resonance and electrochemical quartz crystal microbalance. Electrochimica Acta, 2009, 54, 2971-2976.	2.6	6
92	Under flow impedimetric measurements using magnetic particles for label-free detection affinity target. Materials Science and Engineering C, 2008, 28, 820-825.	3.8	8
93	New hydrazine sensors based on electropolymerized meso-tetra(4-sulphonatephenyl)porphyrinate manganese(III)/silver nanomaterial. Talanta, 2008, 74, 730-735.	2.9	31
94	Flow injection analysis using carbon film resistor electrodes for amperometric determination of ambroxol. Talanta, 2008, 76, 128-133.	2.9	16
95	Electroanalysis of Crude Oil and Petroleum-Based Fuel for Trace Metals:Â Evaluation of Different Microwave-Assisted Sample Decompositions and Stripping Techniques. Energy & Fuels, 2007, 21, 295-302.	2.5	42
96	AvaliaÃ§Ã£o da composiÃ§Ã£o quÃmica de Ã¡guas do Sistema Guarapiranga: estudo de caso nos anos de 2002 e 2003. Quimica Nova, 2007, 30, 1147-1152.	0.3	13
97	Ultrasound-assisted treatment of coconut water samples for potentiometric stripping determination of zinc. Journal of the Brazilian Chemical Society, 2007, 18, 410-415.	0.6	11
98	Heat-transference of toner masks onto conductive substrates: A rapid and easy way to produce microelectrode ensembles. Electrochemistry Communications, 2007, 9, 1091-1096.	2.3	10
99	Carbon film resistor electrode for amperometric determination of acetaminophen in pharmaceutical formulations. Journal of Pharmaceutical and Biomedical Analysis, 2007, 43, 1622-1627.	1.4	72
100	Combination of ultrasonic extraction and stripping analysis: An effective and reliable way for the determination of Cu and Pb in lubricating oils. Talanta, 2006, 68, 850-856.	2.9	52
101	Amperometric quantification of sodium metabisulfite in pharmaceutical formulations utilizing tetraruthenated porphyrin film modified electrodes and batch injection analysis. Talanta, 2006, 68, 1281-1286.	2.9	41
102	Uso de frascos de polipropileno descartÃ¡veis no prÃ©-tratamento de amostras de Ã¡gua para determinaÃ§Ã£o de chumbo, cobre e mercÃºrio por voltametria de onda quadrada. Quimica Nova, 2006, 29, 862-864.	0.3	0
103	Epinephrine quantification in pharmaceutical formulations utilizing plant tissue biosensors. Biosensors and Bioelectronics, 2006, 21, 2283-2289.	5.3	53
104	Fast ultrasound-assisted treatment of urine samples for chronopotentiometric stripping determination of mercury at gold film electrodes. Analytica Chimica Acta, 2006, 571, 93-98.	2.6	46
105	Determination of salbutamol in syrups by capillary electrophoresis with contactless conductivity detection (CE-C4D). Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 1288-1292.	1.4	34
106	Fast BIA-amperometric determination of isoniazid in tablets. Journal of Pharmaceutical and Biomedical Analysis, 2006, 42, 400-404.	1.4	33
107	Disposable Gold Electrodes with Reproducible Area Using Recordable CDs and Toner Masks. Electroanalysis, 2006, 18, 89-94.	1.5	43
108	Amperometric sensor for glucose based on electrochemically polymerized tetraruthenated nickel-porphyrin. Analytica Chimica Acta, 2005, 539, 215-222.	2.6	58

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109	Chronopotentiometric Stripping Analysis Using Gold Electrodes, an Efficient Technique for Mercury Quantification in Natural Waters. Electroanalysis, 2005, 17, 755-761.	1.5	39
110	Potentiometric Stripping Analysis for Simultaneous Determination of Copper and Lead in Lubricating Oils After Total Digestion in a Focused Microwave-Assisted Oven. Mikrochimica Acta, 2005, 149, 199-204.	2.5	32
111	Determination of anions, cations, and sugars in coconut water by capillary electrophoresis. Journal of the Brazilian Chemical Society, 2005, 16, 1134.	0.6	37
112	FIA-Spectrophotometric Method for Determination of Nitrite in Meat Products: An Experiment Exploring Color Reduction of an Azo-Compound. Journal of Chemical Education, 2005, 82, 1074.	1.1	7
113	Extending the Lifetime of the Running Electrolyte in Capillary Electrophoresis by Using Additional Compartments for External Electrolysis. Analytical Chemistry, 2005, 77, 607-614.	3.2	30
114	Cobalt oxide/tetraruthenated cobalt-porphyrin composite for hydrogen peroxide amperometric sensors. Analyst, The, 2005, 130, 221.	1.7	63
115	FIA-potentiometry in the sub-Nernstian response region for rapid and direct chloride assays in milk and in coconut water. Talanta, 2005, 67, 651-657.	2.9	31
116	MultÃmetro interfaceado de baixo custo para aquisiÃ§Ã£o de dados. Quimica Nova, 2004, 27, 313-314.	0.3	2
117	Determination of inorganic ions in ethanol fuel by capillary electrophoresis. Journal of the Brazilian Chemical Society, 2004, 15, 523-526.	0.6	33
118	LTCC manifold for heavy metal detection system in biomedical and environmental fluids. Sensors and Actuators B: Chemical, 2004, 103, 468-473.	4.0	42
119	Batch Injection Analysis: An Almost Unexplored Powerful Tool. Electroanalysis, 2004, 16, 513-523.	1.5	124
120	Disposable twin gold electrodes for amperometric detection in capillary electrophoresis. Electrophoresis, 2004, 25, 2965-2969.	1.3	25
121	Electrophoresis microchip fabricated by a direct-printing process with end-channel amperometric detection. Electrophoresis, 2004, 25, 3832-3839.	1.3	58
122	Simultaneous determination of copper and lead in ethanol fuel by anodic stripping voltammetry. Microchemical Journal, 2004, 77, 157-162.	2.3	45
123	Determination of the refractive index increment (dn/dc) of molecule and macromolecule solutions by surface plasmon resonance. Analytical Biochemistry, 2004, 333, 273-279.	1.1	152
124	Bia-amperometric quantification of salbutamol in pharmaceutical products. Talanta, 2004, 62, 231-236.	2.9	33
125	APPLICATION OF A NEW CONTINUOUS FLOW SPECTROPHOTOMETRIC METHOD FOR THE CHARACTERIZATION OF POLYPHENOL OXIDASE NATURALLY IMMOBILIZED ON COCONUT FIBER. Journal of Food Biochemistry, 2003, 27, 237-254.	1.2	2
126	AplicaÃ§Ãµes eletroanalÃticas com eletrodos de prata confeccionados a partir de CDs gravÃ¡veis. Quimica Nova, 2003, 26, 839-843.	0.3	14

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127	Batch Injection Analysis Utilizing Modified Electrodes with Tetraruthenated Porphyrin Films for Acetaminophen Quantification. Electroanalysis, 2002, 14, 1629-1634.	1.5	66
128	Amperometric detection of nitrite and nitrate at tetraruthenated porphyrin-modified electrodes in a continuous-flow assembly. Analytica Chimica Acta, 2002, 452, 23-28.	2.6	78
129	Amperometric determination of acetylsalicylic acid in drugs by batch injection analysis at a copper electrode in alkaline solutions. Talanta, 2002, 58, 943-9.	2.9	4
130	Gold electrodes from compact discs modified with platinum for amperometric determination of ascorbic acid in pharmaceutical formulations. Talanta, 2001, 55, 855-860.	2.9	41
131	Propulsor pneumÃ¡tico versÃ¡til e isento de pulsaÃ§Ã£o para sistemas de anÃ¡lise em fluxo. Quimica Nova, 2001, 24, 795-798.	0.3	25
132	Amperometric determination of dipyrone in pharmaceutical formulations with a flow cell containing gold electrodes from recordable compact discs. Journal of Pharmaceutical Sciences, 2001, 90, 1972-1977.	1.6	29
133	Compact Disks, a New Source for Gold Electrodes. Application to the Quantification of Copper by PSA. Electroanalysis, 2001, 13, 760-764.	1.5	42
134	Flow-injection system with enzyme reactor for differential amperometric determination of hydrogen peroxide in rainwater. Analytica Chimica Acta, 2001, 441, 73-79.	2.6	51
135	Amperometric determination of dipyrone in pharmaceutical formulations with a flow cell containing gold electrodes from recordable compact discs. Journal of Pharmaceutical Sciences, 2001, 90, 1972-1977.	1.6	0
136	Flow injection analysis-amperometric determination of ascorbic and uric acids in urine using arrays of gold microelectrodes modified by electrodeposition of palladium. Analytica Chimica Acta, 2000, 404, 151-157.	2.6	114
137	Modified microelectrodes and multivariate calibration for flow injection amperometric simultaneous determination of ascorbic acid, dopamine, epinephrine and dipyrone. Analyst, The, 2000, 125, 2011-2015.	1.7	75
138	Gold Electrodes from Recordable CDs. Analytical Chemistry, 2000, 72, 5503-5506.	3.2	143
139	Determination of sulfur dioxide in wines by gas-diffusion flow injection analysis utilizing modified electrodes with electrostatically assembled films of tetraruthenated porphyrin. Analytica Chimica Acta, 1999, 387, 175-180.	2.6	71
140	Zucchini crude extract-palladium-modified carbon paste electrode for the determination of hydroquinone in photographic developers. Analytica Chimica Acta, 1999, 398, 145-151.	2.6	55
141	BiocatÃ¡lise em meios aquo-restritos: fundamentos e aplicaÃ§Ãµes em quÃmica analÃtica. Quimica Nova, 1999, 22, 229-245.	0.3	5
142	Performance of screen-printed carbon electrodes fabricated from different carbon inks. Electrochimica Acta, 1998, 43, 3459-3465.	2.6	202
143	Vegetable tissue from latania sp.: an extraordinary source of naturally immobilized enzymes for the detection of phenolic compounds. Analyst, The, 1998, 123, 2377-2382.	1.7	18
144	Eletrodos fabricados por "silk-screen". Quimica Nova, 1998, 21, 614.	0.3	39

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145	Spectroscopic and electrochemical study of a tetrapyridylporphyrin modified with four bisâ€(1,10â€phenanthroline)chlororuthenium(II) complexes. Journal of Porphyrins and Phthalocyanines, 1998, 2, 467-472.	0.4	0
146	Flow-through Cell Based on an Array of Gold Microelectrodes Obtained From Modified Integrated Circuit Chips. Analyst, The, 1997, 122, 843-847.	1.7	25
147	Arrays of gold microelectrodes made from split integrated circuit chips. Electroanalysis, 1997, 9, 335-339.	1.5	21
148	Dimethylglyoxime doped sol-gel carbon composite voltammetric sensor for trace nickel. Electroanalysis, 1997, 9, 689-692.	1.5	31
149	Coconut-based plant tissue reactor for biosensing of catechol in flow injection analysis. Analytica Chimica Acta, 1997, 354, 325-331.	2.6	32
150	Screen-printed tyrosinase-containing electrodes for the biosensing of enzyme inhibitors. Talanta, 1996, 43, 1903-1907.	2.9	64
151	Electrochemical detection of NADH and dopamine in flow analysis based on tetraruthenated porphyrin modified electrodes. Analytica Chimica Acta, 1996, 329, 91-95.	2.6	58
152	Disposable nickel screen-printed sensor based on dimethylglyoxime-containing carbon ink. Electroanalysis, 1996, 8, 635-638.	1.5	25
153	Miniaturized reference electrodes with microporous polymer junctions. Electroanalysis, 1996, 8, 673-675.	1.5	234
154	Rectifying properties and photoconductivity of tetraruthenated nickel porphyrin films. Advanced Materials, 1995, 7, 554-559.	11.1	57
155	Remarkably selective metallized-carbon amperometric biosensors. Analytica Chimica Acta, 1995, 305, 3-7.	2.6	53
156	Electrochemistry of a tetraruthenated cobalt porphyrin and its use in modified electrodes as sensors of reducing analytes. Journal of Electroanalytical Chemistry, 1995, 397, 205-210.	1.9	96
157	Polarographic studies of indium(III) in aqueous medium of sodium azide. Canadian Journal of Chemistry, 1995, 73, 232-240.	0.6	4
158	A fast, highly efficient, continuous degassing device and its application to oxygen removal in flow-injection analysis with amperometric detection. Analytica Chimica Acta, 1994, 298, 393-399.	2.6	26
159	Graphite-teflon enzyme electrode. Electroanalysis, 1993, 5, 575-579.	1.5	44
160	Carbon aerogel composite electrodes. Analytical Chemistry, 1993, 65, 2300-2303.	3.2	65
161	Adaptation of poly(tetrafluoroethylene) tips to mercury drop electrodes and evaluation by flow injection analysis. Analytical Chemistry, 1993, 65, 500-503.	3.2	11
162	On-line monitoring of hydrophobic compounds at self-assembled monolayer modified amperometric flow detectors. Analytical Chemistry, 1993, 65, 1893-1896.	3.2	43

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163	Batch Injection Spectroscopy. Analytical Letters, 1993, 26, 2329-2339.	1.0	9
164	Metal-dispersed carbon paste electrodes. Analytical Chemistry, 1992, 64, 1285-1288.	3.2	167
165	Miniaturized glucose sensors based on electrochemical codeposition of rhodium and glucose oxidase onto carbon-fiber electrodes. Analytical Chemistry, 1992, 64, 456-459.	3.2	115
166	Mercury-coated carbon-foam composite electrodes for stripping analysis for trace metals. Analytical Chemistry, 1992, 64, 151-155.	3.2	21
167	Scanning tunneling microscopic probing of surface fouling during the oxidation of nicotinamide coenzymes. Bioelectrochemistry, 1992, 29, 215-221.	1.0	56
168	Computerized pipettes with programmable dispension. Analytica Chimica Acta, 1992, 267, 171-177.	2.6	28
169	Automatic mercury drop electrode with double solenoid activated valve. Electroanalysis, 1992, 4, 635-642.	1.5	13
170	Teaching photometry with overhead projector experiments. Journal of Chemical Education, 1991, 68, 325.	1.1	0
171	Organic-phase enzymic assays with ultramicroelectrodes. Analytical Chemistry, 1991, 63, 2993-2994.	3.2	63
172	Electrocatalysis and amperometric detection of organic peroxides at modified carbon-paste electrodes. Talanta, 1991, 38, 1077-1081.	2.9	33
173	Batch injection analysis with the rotating disk electrode. Electroanalysis, 1991, 3, 773-776.	1.5	13