Boaventura F Reis

List of Publications by Year
in descending order

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161 papers	3,835 citations	168829 31 h-index	198040 52 g-index
161 all docs	161 docs citations	161 times ranked	2068 citing authors

#	Article	IF	Citations
1	Flow-based determination of lead exploiting in-syringe dispersive liquid-liquid micro-extraction in xylene and integrated spectrophotometric detection. Talanta, 2022, 247, 123528.	2.9	6
2	A new flow cell design for chemiluminescence detection using an improved signal transduction network. Determination of hydrogen peroxide in pharmaceuticals. Microchemical Journal, 2021, 171, 106789.	2.3	4
3	Automatic multicommuted flow-batch setup for photometric determination of mercury in drinking water at ppb level. Talanta, 2020, 206, 120207.	2.9	6
4	An automatic titration setup for the chemiluminometric determination of the copper complexation capacity in opaque solutions. Talanta, 2020, 209, 120530.	2.9	4
5	Automated liquidâ€“liquid extraction procedure for the photometric determination of nanogram levels of Hg(II) in soil and sediment extracts. Microchemical Journal, 2020, 156, 104978.	2.3	8
6	Spot test for fast determination of hydrogen peroxide as a milk adulterant by smartphone-based digital image colorimetry. Microchemical Journal, 2020, 157, 105042.	2.3	38
7	A greener, fast, and cost-effective smartphone-based digital image procedure for quantification of ethanol in distilled beverages. Microchemical Journal, 2019, 147, 437-443.	2.3	26
8	Photogeneration of silver nanoparticles induced by UV radiation and their use as a sensor for the determination of chloride in fuel ethanol using a flow-batch system. Talanta, 2019, 201, 373-378.	2.9	12
9	A new strategy for membraneless gas-liquid separation in flow analysis: Determination of dissolved inorganic carbon in natural waters. Microchemical Journal, 2019, 145, 1218-1223.	2.3	5
10	A new sensitive photometric procedure for the determination of sulfate in fuel ethanol without sample preparation exploiting a flow-batch strategy. Microchemical Journal, 2019, 145, 921-926.	2.3	8
11	A novel multicommuted flow analysis strategy for the spectrophotometric determination of cadmium in water at Î¼g L^{â^'1} levels without using a preconcentration step. Analytical Methods, 2018, 10, 900-909.	1.3	8
12	A Sensitive Photometric Procedure for Cobalt Determination in Water Employing a Compact Multicommuted Flow Analysis System. Applied Spectroscopy, 2017, 71, 2154-2163.	1.2	3
13	Fully automated photometric titration procedure employing a multicommuted flow analysis setup for acidity determination in fruit juice, vinegar, and wine. Microchemical Journal, 2017, 135, 207-212.	2.3	13
14	A clean photometric method for the determination of losartan potassium in pharmaceuticals exploiting light scattering effect and employing a multicommuted flow analysis approach. Talanta, 2017, 164, 183-188.	2.9	5
15	A Highly Sensitive Multicommuted Flow Analysis Procedure for Photometric Determination of Molybdenum in Plant Materials without a Solvent Extraction Step. Journal of Analytical Methods in Chemistry, 2017, 2017, 1-8.	0.7	0
16	Development of a photometric procedure for tin determination in canned foods employing a multicommuted flow analysis approach. Analytical Methods, 2016, 8, 3620-3628.	1.3	6
17	Development of a new procedure for the determination of captopril in pharmaceutical formulations employing chemiluminescence and a multicommuted flow analysis approach. Luminescence, 2016, 31, 288-294.	1.5	10
18	Evaluation of the schlieren effect employing a LED-based photometer with a long-pathlength flow cell for reagentless photometric determination of ethanol in distilled ethanolic beverages. Microchemical Journal, 2016, 129, 325-331.	2.3	11

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19	Development of a microcontrolled flow-batch device with direct heating for analytical procedures that require a heating step for chemical reaction development. Sensors and Actuators B: Chemical, 2016, 226, 570-578.	4.0	5
20	AUTOMATIC PROCEDURE FOR SPECTROPHOTOMETRIC DETERMINATION OF HYDROQUINONE EMPLOYING MULTICOMMUTATION FLOW IN ANALYSIS SYSTEM. Quimica Nova, 2016, , .	0.3	0
21	Development of a multicommuted flow analysis procedure for simultaneous determination of sulfate and chloride in petroleum coke employing a homemade syringe pump and a LED-based photometer. Analytical Methods, 2015, 7, 4769-4779.	1.3	9
22	Development of a portable setup and a multicommuted flow analysis procedure for the photometric determination of Fe(III) and Fe(II) in fresh water. Sensors and Actuators B: Chemical, 2015, 207, 811-818.	4.0	33
23	An air carrier flow system for the spectrophotometric determination of water in biodiesel exploiting bleaching of the cobalt chloride complex. Talanta, 2015, 131, 21-25.	2.9	18
24	A NEW DEVICE FOR FLOW-BASED LIQUID-LIQUID EXTRACTIONS. Quimica Nova, 2015, , .	0.3	0
25	Development of a Procedure Based on Chemiluminescence and Multicommutation Approach for the Determination of Folic Acid in Pharmaceuticals. Journal of the Brazilian Chemical Society, 2015, , .	0.6	0
26	Multicommuted Flow Analysis Procedure for Total Polyphenols Determination in Wines Employing Chemiluminescence Detection. Food Analytical Methods, 2014, 7, 967-976.	1.3	12
27	Development of an automatic photometric titration procedure to determine olive oil acidity employing a miniaturized multicommuted flow-batch setup. Analytical Methods, 2014, 6, 302-307.	1.3	14
28	Development of a high sensitivity photometric procedure for the determination of vanadium in mineral and fresh waters employing a downsized multicommuted flow analysis approach. Analytical Methods, 2014, 6, 9667-9674.	1.3	7
29	A flow cell with a new design to improve the utilization of the radiation emitted by LED and employed as a radiation source for photometric detection. Sensors and Actuators B: Chemical, 2014, 198, 448-454.	4.0	28
30	An environmentally friendly photometric procedure for ammonium determination in rainwater employing a multicommutation approach. Analytical Methods, 2013, 5, 489-495.	1.3	9
31	Development of a Multicommuted Flow Analysis Procedure for Photometric Determination of TotalN-ureide in Soybean Tissues. Journal of the Brazilian Chemical Society, 2013, , .	0.6	2
32	Development of a New Version of an Automatic Commutator Injector and a Procedure for the Photometric Determination of Ethanol in Distilled Spirits. Journal of the Brazilian Chemical Society, 2013, , .	0.6	1
33	Green chemistry and the evolution of flow analysis. A review. Analytica Chimica Acta, 2012, 714, 8-19.	2.6	160
34	A LED based photometer for solid phase photometry: zinc determination in pharmaceutical preparation employing a multicommuted flow analysis approach. Journal of the Brazilian Chemical Society, 2012, 23, 1515-1522.	0.6	3
35	Development of a high sensitive automatic setup for screening of microcystins in surface waters by employing a LED-based photometric detector. Sensors and Actuators B: Chemical, 2012, 161, 422-428.	4.0	13
36	A multicommuted flow analysis method for the photometric determination of amoxicillin in pharmaceutical formulations using a diazo coupling reaction. Journal of the Brazilian Chemical Society, 2011, 22, 279-285.	0.6	6

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37	Turbidimetric determination of sulfate in rainwater employing a LED based photometer and multicommuted flow analysis system with in-line preconcentration. Journal of the Brazilian Chemical Society, 2011, 22, 1009-1014.	0.6	8
38	An Environmental Friendly Procedure for Photometric Determination of Hypochlorite in Tap Water Employing a Miniaturized Multicommuted Flow Analysis Setup. Journal of Automated Methods and Management in Chemistry, 2011, 2011, 1-6.	0.5	4
39	Downscaling a multicommuted flow injection analysis system for the photometric determination of iodate in table salt. Analytica Chimica Acta, 2010, 668, 3-7.	2.6	29
40	Automatic photometric titration procedure based on multicommutation and flow-batch approaches employing a photometer based on twin LEDs. Journal of the Brazilian Chemical Society, 2010, 21, 1854-1860.	0.6	19
41	Green Chemistryâ€“Sensitive Analytical Procedure for Photometric Determination of Orthophosphate in River and Tap Water by Use of a Simple LED-Based Photometer. Spectroscopy Letters, 2009, 42, 356-362.	0.5	6
42	Multi-commutation in spectrometry. TrAC - Trends in Analytical Chemistry, 2009, 28, 903-913.	5.8	38
43	Multi-pumping mechanised determination of selenium in natural waters by light emitting diode (LED) spectrometry. Journal of the Brazilian Chemical Society, 2009, 20, 1242-1248.	0.6	8
44	A Glimpse of Recent Developments in Brazilian Analytical Chemistry. Analytical Letters, 2008, 41, 1494-1546.	1.0	1
45	ConstruÃ§Ã£o de uma cela de fluxo de longo caminho Ã³ptico para medidas espectrofotomÃ©tricas. Quimica Nova, 2008, 31, 427-429.	0.3	3
46	A chemiluminescence flow-based procedure for determination of carbaryl in natural waters exploiting multicommutation and enzymatic reaction. Journal of the Brazilian Chemical Society, 2007, 18, 519-525.	0.6	6
47	Speciation of chromium in natural waters by micropumping multicommutated light emitting diode photometry. Talanta, 2007, 72, 1370-1377.	2.9	26
48	Micropumping multicommutation turbidimetric analysis of waters. Talanta, 2007, 73, 742-747.	2.9	17
49	A Full Automatic Device for Sampling Small Solution Volumes in Photometric Titration Procedure Based on Multicommuted Flow System. Journal of Automated Methods and Management in Chemistry, 2007, 2007, 1-6.	0.5	0
50	Automatic flow analysis procedure for the determination of bromide in L-alanine by chemiluminescence detection. Journal of the Brazilian Chemical Society, 2007, 18, 1336-1341.	0.6	4
51	An automatic falling drop system based on multicommutation process for photometric chlorine determination in bleach. Analytica Chimica Acta, 2007, 600, 66-71.	2.6	16
52	A multicommuted stop-flow system employing LEDs-based photometer for the sequential determination of anionic and cationic surfactants in water. Analytica Chimica Acta, 2007, 600, 58-65.	2.6	27
53	Monitoring of the smoking process by multicommutation Fourier Transform Infrared spectroscopy. Analytica Chimica Acta, 2007, 593, 39-45.	2.6	5
54	Multiâ€commutation in Flow Analysis: A Versatile Tool for the Development of the Automatic Analytical Procedure Focused on the Reduction of Reagent Consumption. Spectroscopy Letters, 2006, 39, 631-650.	0.5	19

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55	Instrumentation and Automated Photometric Titration Procedure for Total Acidity Determination in Red Wine Employing a Multicommuted Flow System. Journal of Automated Methods and Management in Chemistry, 2006, 2006, 1-8.	0.5	13
56	Evaluation of a Multicommuted Flow System for Photometric Environmental Measurements. Journal of Automated Methods and Management in Chemistry, 2006, 2006, 1-9.	0.5	34
57	Automatic spectrophotometric procedure for the determination of tartaric acid in wine employing multicommutation flow analysis process. Analytica Chimica Acta, 2006, 557, 380-386.	2.6	19
58	A versatile set up for implementing different flow analysis approaches. Microchemical Journal, 2006, 82, 56-60.	2.3	3
59	Multicommuted flow system employing pinch solenoid valves and micro-pumps. Journal of Pharmaceutical and Biomedical Analysis, 2006, 42, 423-429.	1.4	40
60	An automatic flow injection analysis procedure for photometric determination of ethanol in red wine without using a chromogenic reagent. Analytical and Bioanalytical Chemistry, 2006, 385, 197-202.	1.9	17
61	A spectrophotometric flow procedure for the determination of cationic surfactants in natural waters using a solenoid micro-pump for fluid propulsion. International Journal of Environmental Analytical Chemistry, 2006, 86, 723-732.	1.8	15
62	Determination of bromide ions in seawater using flow system with chemiluminescence detection. Analytica Chimica Acta, 2005, 528, 115-119.	2.6	28
63	Micro-pumping flow system for spectrophotometric determination of anionic surfactants in water. Analytical and Bioanalytical Chemistry, 2005, 381, 1305-1309.	1.9	38
64	Automatic flow procedure based on multicommutation exploiting liquid?liquid extraction for spectrophotometric lead determination in plant material. Talanta, 2005, 65, 846-852.	2.9	72
65	An environmentally friendly multicommutated alternative to the reference method for anionic surfactant determination in water. Talanta, 2005, 66, 591-599.	2.9	55
66	A portable and low cost equipment for flow injection chemiluminescence measurements. Talanta, 2005, 67, 673-677.	2.9	66
67	A downsized flow set up based on multicommutation for the sequential photometric determination of iron(II)/iron(III) and nitrite/nitrate in surface water. Talanta, 2005, 68, 422-428.	2.9	45
68	ImobilizaÃ§Ã£o de enzimas a partir de "kit" comercial: determinaÃ§Ã£o de parÂ¢metros metabÃ³licos em sangue animal empregando multicomutaÃ§Ã£o em fluxo. Quimica Nova, 2005, 28, 414-420.	0.3	6
69	Multicommutated flow system for spectrophotometric L(+)lactate determination in alcoholic fermented sugar cane juice using enzymatic reaction. Journal of the Brazilian Chemical Society, 2005, 16, 46-49.	0.6	6
70	Simultaneous in-line concentration for spectrophotometric determination of cations and anions. Journal of the Brazilian Chemical Society, 2004, 15, 38.	0.6	9
71	Determination of gibberellic acid by sequential injection analysis using a potentiometric detector based on Mn(III)-porphyrin with improved characteristics. Journal of the Brazilian Chemical Society, 2004, 15, 701-707.	0.6	8
72	Automatic Flow Procedure for the Determination of Ethanol in Wine Exploiting Multicommutation and Enzymatic Reaction with Detection by Chemiluminescence. Journal of AOAC INTERNATIONAL, 2004, 87, 920-926.	0.7	17

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73	Multicommuted flow system for the determination of glucose in animal blood serum exploiting enzymatic reaction and chemiluminescence detection. Journal of Automated Methods and Management in Chemistry, 2004, 25, 109-114.	0.5	1
74	Automatic Fluorimetric Procedure for the Determination of Aluminium in Plant Nutrient Solution and Natural Water Employing a Multicommutated Flow System. Mikrochimica Acta, 2004, 146, 291-296.	2.5	6
75	Simultaneous photometric determination of albumin and total protein in animal blood plasma employing a multicommutated flow system to carried out on line dilution and reagents solutions handling. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2004, 60, 579-583.	2.0	15
76	Automatic flow procedure for the determination of glycerol in wine using enzymatic reaction and spectrophotometry. Microchemical Journal, 2004, 77, 107-112.	2.3	23
77	Multicommutation ATR-FTIR: determination of sodium alpha-olefin sulfonate in detergent formulations. Microchemical Journal, 2004, 78, 47-54.	2.3	13
78	Desenvolvimento de um micro-aquecedor para sistemas de anÃ¡lise quÃmica em fluxo: determinaÃ§Ã£o espectrofotomÃ©trica de manganÃªs em plantas. Quimica Nova, 2004, 27, .	0.3	2
79	Ion-selective electrodes based on metalloporphyrins for gibberellic acid determination in agricultural products. Analytical and Bioanalytical Chemistry, 2003, 375, 511-516.	1.9	13
80	Liquidâ€“liquid extraction procedure exploiting multicommutation in flow system for the determination of molybdenum in plants. Analytica Chimica Acta, 2003, 479, 185-190.	2.6	28
81	On-line electrolytic dissolution for lead determination in high-purity copper by isotope dilution inductively coupled plasma mass spectrometry. Analytica Chimica Acta, 2003, 485, 145-153.	2.6	25
82	Flow-injection spectrophotometric determination of paracetamol in tablets and oral solutions. Journal of Pharmaceutical and Biomedical Analysis, 2003, 33, 191-197.	1.4	103
83	An Automatic Flow Procedure for the Determination of 3-Hydroxybutyrate in Animal Serum and Plasma. Journal of Agricultural and Food Chemistry, 2003, 51, 2457-2460.	2.4	12
84	A multicommuted flow system for sequential spectrophotometric determination of hydrosoluble vitamins in pharmaceutical preparations. Talanta, 2003, 59, 191-200.	2.9	37
85	Multicommutation cold vapour atomic fluorescence determination of Hg in water. Talanta, 2003, 60, 809-819.	2.9	27
86	A Multicommuted Flow Procedure for the Determination of Cholesterol in Animal Blood Serum by Chemiluminescence. Analytical Letters, 2003, 36, 3011-3024.	1.0	19
87	Automatic Procedure Exploiting Multicommutation in Flow Analysis for Simultaneous Spectrophotometric Determination of Nonstructural Carbohydrates and Reducing Sugar in Forage Materials. Analytical Sciences, 2003, 19, 1683-1686.	0.8	5
88	Multicommuted flow system for the determination of glucose in animal blood serum exploiting enzymatic reaction and chemiluminescence detection. Journal of Automated Methods and Management in Chemistry, 2003, 25, 109-114.	0.5	8
89	Automatic flow system for simultaneous determination of iron and chromium in steel alloys employing photometers based on LEDs as radiation source. Journal of Automated Methods and Management in Chemistry, 2003, 25, 1-5.	0.5	6
90	Monosegemented flow potentiometric titration for the determination of chloride in milk and wine. Journal of the Brazilian Chemical Society, 2003, 14, 259-264.	0.6	13

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91	Automatic flow system for simultaneous determination of iron and chromium in steel alloys employing photometers based on LEDs as radiation source. Journal of Automated Methods and Management in Chemistry, 2003, 25, 1-5.	0.5	3
92	Potentiometric Flow Injection Determination of Glycerol in Distilled Spirits. Journal of Agricultural and Food Chemistry, 2002, 50, 74-77.	2.4	10
93	Improvement of the atomic fluorescence determination of mercury by using multicommutation. Journal of Analytical Atomic Spectrometry, 2002, 17, 537-540.	1.6	14
94	Flow system exploiting multicommutation to increase sample residence time for improved sensitivity. Simultaneous determination of ammonium and ortho-phosphate in natural water. Talanta, 2002, 58, 729-737.	2.9	36
95	Automatic Flow System Titration Based on Multicommutation for Spectrophotometric Determination of Total Acidity in Silage Extracts. Journal of AOAC INTERNATIONAL, 2002, 85, 328-332.	0.7	8
96	EspectrofotometriaÃ de proteÃnas totais em plasma de sangue bovino por anÃ¡lise em fluxo. Scientia Agricola, 2002, 59, 251-256.	0.6	8
97	Automatic potentiometric flow titration procedure for ascorbic acid determination in pharmaceutical formulations. Journal of Pharmaceutical and Biomedical Analysis, 2002, 28, 1221-1225.	1.4	26
98	Automated flow analysis system based on multicommutation for Cd, Ni and Pb on-line pre-concentration in a cationic exchange resin with determination by inductively coupled plasma atomic emission spectrometry. Analytica Chimica Acta, 2002, 453, 301-310.	2.6	50
99	Automated spectrophotometric determination of clomipramine on a multicommutated flow system. Analytica Chimica Acta, 2002, 467, 75-81.	2.6	15
100	Multi-pumping in flow analysis: concepts, instrumentation, potentialities. Analytica Chimica Acta, 2002, 466, 125-132.	2.6	200
101	Multicommutation in flow analysis: concepts, applications and trends. Analytica Chimica Acta, 2002, 468, 119-131.	2.6	212
102	Desenvolvimento de um dispositivo de baixo custo para medidas por quimiluminescÃªncia. Quimica Nova, 2002, 25, 1191-1193.	0.3	9
103	A Flow System for Spectrophotometric Multideterminationin Water Exploiting Reagent Injection. Journal of the Brazilian Chemical Society, 2002, 13, 642-646.	0.6	13
104	A flow system with a conventional spectrophotometer for the chemiluminescent determination of lactic acid in yoghurt. Talanta, 2001, 54, 879-885.	2.9	21
105	A multicommutation-based flow system for multi-element analysis in pharmaceutical preparations. Talanta, 2001, 55, 861-869.	2.9	25
106	Spectrophotometric determination of phosphorus in iron alloys employing a flow injection system. Journal of the Brazilian Chemical Society, 2001, 12, 81-86.	0.6	3
107	Detecting and circumventing sources of inaccuracy in flow analysis. Pure and Applied Chemistry, 2001, 73, 45-54.	0.9	29
108	An improved flow system for spectrophotometric determination of anions exploiting multicommutation and multidetection. Analytica Chimica Acta, 2001, 438, 11-19.	2.6	45

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109	Exploitation of tandem streams for carry-over compensation in flow analysis. Analytica Chimica Acta, 2001, 438, 3-9.	2.6	9
110	Turbidimetric determination of sulphate employing gravity flow-based systems. Analytica Chimica Acta, 2001, 438, 75-81.	2.6	25
111	Multicommutation flow system for spectrophotometric l(+)lactate determination in silage material using an enzymatic reaction. Analytica Chimica Acta, 2001, 438, 59-65.	2.6	16
112	An Automatic Spectrophotometric Titration Procedure for Ascorbic Acid Determination in Fruit Juices and Soft Drinks Based on Volumetric Fraction Variation.. Analytical Sciences, 2000, 16, 487-491.	0.8	28
113	Automatic multicommutated flow system for ethanol determination in alcoholic beverages by spectrophotometry. Laboratory Robotics and Automation, 2000, 12, 31-36.	0.3	12
114	On-line electrolytic dissolution of alloys in flow injection analysis. Analytica Chimica Acta, 2000, 405, 213-219.	2.6	30
115	A flow system exploiting multicommutation for speciation of inorganic nitrogen in waters. Analytica Chimica Acta, 2000, 409, 227-235.	2.6	43
116	Automatic Stepwise Potentiometric Titration in a Monosegmented Flow System. Mikrochimica Acta, 2000, 135, 179-184.	2.5	16
117	On-line preconcentration employing a tannin resin for copper determination in plant material and food stuff by atomic absorption spectrometry. Journal of the Brazilian Chemical Society, 2000, 11, 44.	0.6	20
118	ConstruÃ§Ã£o de uma cela de fluxo para medidas por espectrofotometria em fase sÃ³lida. Quimica Nova, 2000, 23, 116-118.	0.3	7
119	DissoluÃ§Ã£o eletrolÃtica para a determinaÃ§Ã£o de elementos de liga em aÃ§o ferramenta por ICP-AES. Quimica Nova, 2000, 23, 482-486.	0.3	2
120	A Low-Cost Device for Automatic Photometric Titrations. Journal of Chemical Education, 2000, 77, 258.	1.1	12
121	Nickel and zinc determination by flow-injection solid-phase spectrophotometry exploiting different sorption rates. Talanta, 2000, 51, 1027-1033.	2.9	32
122	Potentiometric determination of urea by sequential injection using Jack bean meal crude extract as a source of urease. Talanta, 2000, 53, 331-336.	2.9	21
123	Precipitation titrations using an automatic titrator based on a multicommutated unsegmented flow system. Analyst, The, 2000, 125, 333-340.	1.7	11
124	Flow-injection solid-phase spectrophotometry for the determination of zinc in pharmaceutical preparations. Analytica Chimica Acta, 1999, 383, 309-315.	2.6	45
125	Monosegmented flow system exploiting multicommutation applied to spectrophotometric determination of manganese in soybean digests. Analytica Chimica Acta, 1999, 386, 129-135.	2.6	21
126	Automatic potentiometric titration in monosegmented flow system exploiting binary search. Analytica Chimica Acta, 1999, 387, 165-173.	2.6	38

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127	Environmentally friendly analytical chemistry through automation: comparative study of strategies for carbaryl determination with p-aminophenol. Analytica Chimica Acta, 1999, 392, 265-272.	2.6	43
128	Evolution of the commutation concept associated with the development of flow analysis. Analytica Chimica Acta, 1999, 400, 249-256.	2.6	28
129	EletrodissoluÃ§Ã£o de ligas de latÃ£o empregando sistemas de anÃ¡lise em fluxo para a determinaÃ§Ã£o de cobre, zinco e chumbo por ICP-AES. Quimica Nova, 1999, 22, 669-673.	0.3	4
130	Sequential injection system in flame atomic absorption spectrometry for the determination of calcium and magnesium in mineral waters. Analytica Chimica Acta, 1998, 358, 111-119.	2.6	50
131	Automatic multicommutation flow system for wide range spectrophotometric calcium determination. Analytica Chimica Acta, 1998, 366, 45-53.	2.6	30
132	Potentiometric flow injection determination of cadmium in waste waters including in-line ion-exchange separation/concentration. Analytica Chimica Acta, 1998, 366, 155-161.	2.6	9
133	Development of a potentiometric procedure for determination of glycerol and 2,3-butanediol in wine by sequential injection analysis. Analytica Chimica Acta, 1998, 366, 193-199.	2.6	23
134	A multicommutated flow system with on-line compensation of the Schlieren effect applied to the spectrophotometric determination of pindolol. Analytica Chimica Acta, 1998, 366, 209-215.	2.6	31
135	Multicommutation in flow analysis. Part 6. Binary sampling for wide concentration range turbidimetric determination of sulphate in plant digests. Analytica Chimica Acta, 1998, 366, 251-255.	2.6	18
136	Sampling strategies in sequential injection analysis: Exploiting the monosegmented-flow approach. Analytica Chimica Acta, 1998, 366, 257-262.	2.6	26
137	Real-time simplex optimization of flow-injection systems for chemical analysis. Analytica Chimica Acta, 1998, 366, 313-318.	2.6	11
138	Multicommutation in flow analysis exploiting a multizone trapping approach: spectrophotometric determination of boron in plants. Analytica Chimica Acta, 1998, 374, 53-59.	2.6	24
139	Continuous sample recirculation in an opened-loop multicommutated flow system. Analytica Chimica Acta, 1998, 377, 103-110.	2.6	18
140	Spectrophotometric Flow Injection Determination of Ethanol in Distilled Spirits and Wines Involving Permeation through a Silicon Tubular Membrane.. Analytical Sciences, 1998, 14, 1005-1008.	0.8	25
141	DeterminaÃ§Ã£o espectrofotomÃ©trica de Ã¡cido ascÃ³rbico em fÃ¡rmacos empregando amostragem binÃ¡ria em fluxo. Quimica Nova, 1998, 21, 47.	0.3	5
142	ConstruÃ§Ã£o e avaliaÃ§Ã£o de um eletrodo tubular sensÃvel ao Ãon hidrogÃªnio como detector em sistemas de anÃ¡lise em fluxo. Quimica Nova, 1998, 21, 133.	0.3	2
143	Development of a flow injection system with two analytical paths for ammonium determination in soil extracts by conductometry. Journal of the Brazilian Chemical Society, 1997, 8, 523-528.	0.6	30
144	The use of ion exchange resin for reagent immobilization and concentration in flow systems: determination of nickel in steel alloys and iron speciation in waters. Journal of the Brazilian Chemical Society, 1997, 8, 479-485.	0.6	23

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145	Photochemical-fluorimetric determination of folic acid in a multicommutated flow system. Analytica Chimica Acta, 1997, 351, 223-228.	2.6	56
146	MulticomutaÃ§Ã£o e amostragem binÃ¡ria em anÃ¡lise quÃmica em fluxo: determinaÃ§Ã£o espectrofotomÃ©trica de ortofosfato em Ã¡guas naturais. Quimica Nova, 1997, 20, 372-376.	0.3	5
147	Separation and preconcentration by flow injection coupled to tungsten coil electrothermal atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1996, 51, 1925-1934.	1.5	28
148	Flow system based on a binary sampling process for automatic dilutions prior to flame atomic spectrometry. Analytica Chimica Acta, 1996, 323, 47-53.	2.6	21
149	Multicommutation in flow analysis. Part 5: Binary sampling for sequential spectrophotometric determination of ammonium and phosphate in plant digests. Analytica Chimica Acta, 1996, 334, 287-293.	2.6	26
150	Multicommutation in flow analysis. Part 2. Binary sampling for spectrophotometric determination of nickel, iron and chromium in steel alloys. Analytica Chimica Acta, 1995, 308, 397-405.	2.6	50
151	Multicommutation in flow analysis. Part 3. Spectrophotometric kinetic determination of creatinine in urine exploiting a novel zone sampling approach. Analytica Chimica Acta, 1995, 310, 447-452.	2.6	38
152	Binary search in flow titration employing photometric end-point detection. Analytica Chimica Acta, 1995, 313, 177-184.	2.6	51
153	A Flow Injection System with Four Ion Exchange Resin Columns for Cadmium Pre-Concentration and Determination by Flame AAS. Journal of the Brazilian Chemical Society, 1995, 6, 387-392.	0.6	6
154	Multicommutation in flow analysis. Part 1. Binary sampling: concepts, instrumentation and spectrophotometric determination of iron in plant digests. Analytica Chimica Acta, 1994, 293, 129-138.	2.6	308
155	An indirect method for the determination of chromium species in water samples by sequential inductively coupled plasma-atomic emission spectrometry. Talanta, 1994, 41, 2043-2047.	2.9	10
156	Determination of cadmium in biological materials by tungsten coil atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 1993, 8, 243-245.	1.6	36
157	Trial measurements in flow analysis. Analyst, The, 1993, 118, 719.	1.7	19
158	Sulphate preconcentration by anion exchange resin in flow injection and its turbidimetric determination in water. Talanta, 1993, 40, 1529-1534.	2.9	18
159	Multipurpose flow injection system. Part 1. Programmable dilutions and standard additions for plant digests analysis by inductively coupled plasma atomic emission spectrometry. Journal of Analytical Atomic Spectrometry, 1992, 7, 865-868.	1.6	35
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