JosÃ© LFC Lima

List of Publications by Year
in descending order

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Version: 2024-02-01

332 papers	13,170 citations	36203 51 h-index	37111 96 g-index
333 all docs	333 docs citations	333 times ranked	14012 citing authors

#	Article	IF	Citations
1	Screening of sulfonamides in waters based on miniaturized solid phase extraction and microplate spectrophotometric detection. Analytical Methods, 2018, 10, 690-696.	1.3	9
2	Micro-bead injection spectroscopy for label-free automated determination of immunoglobulin G in human serum. Analytical and Bioanalytical Chemistry, 2018, 410, 981-988.	1.9	7
3	Chlorinated Flavonoids Modulate the Inflammatory Process in Human Blood. Inflammation, 2017, 40, 1155-1165.	1.7	14
4	A Non-invasive Real-Time Methodology for the Quantification of Antioxidant Properties in Coffee During the Roasting Process Based on Near-Infrared Spectroscopy. Food and Bioprocess Technology, 2017, 10, 630-638.	2.6	27
5	Daunorubicin and doxorubicin molecular interplay with 2D membrane models. Colloids and Surfaces B: Biointerfaces, 2017, 160, 610-618.	2.5	19
6	Solanum diploconos fruits: profile of bioactive compounds and in vitro antioxidant capacity of different parts of the fruit. Food and Function, 2016, 7, 2249-2257.	2.1	12
7	An eco-friendly method for analysis of sulfonamides in water samples using a multi-pumping system. Canadian Journal of Chemistry, 2016, 94, 812-817.	0.6	2
8	Recent developments, characteristics and potential applications of screen-printed electrodes in pharmaceutical and biological analysis. Talanta, 2016, 146, 801-814.	2.9	183
9	Fluoroquinolones and sulfonamides: features of their determination in water. A review. International Journal of Environmental Analytical Chemistry, 2016, 96, 185-202.	1.8	30
10	Programmable flow system for automation of oxygen radical absorbance capacity assay using pyrogallol red for estimation of antioxidant reactivity. Talanta, 2016, 150, 599-606.	2.9	15
11	On-line automated evaluation of lipid nanoparticles transdermal permeation using Franz diffusion cell and low-pressure chromatography. Talanta, 2016, 146, 369-374.	2.9	17
12	Proinflammatory Pathways: The Modulation by Flavonoids. Medicinal Research Reviews, 2015, 35, 877-936.	5.0	94
13	Flavonoids Inhibit COX-1 and COX-2 Enzymes and Cytokine/Chemokine Production in Human Whole Blood. Inflammation, 2015, 38, 858-870.	1.7	92
14	Sequential injection technique as a tool for the automatic synthesis of silver nanoparticles in a greener way. Talanta, 2015, 133, 45-51.	2.9	15
15	A simple and rapid screening method for sulfonamides in honey using a flow injection system coupled to a liquid waveguide capillary cell. Talanta, 2014, 121, 281-287.	2.9	19
16	Synchrotron small angle X-ray scattering for the evaluation of the interaction of silica nanotubes with lipid membranes. RSC Advances, 2013, 3, 10323.	1.7	1
17	Laccaseâ€“biosilica nanostructures â€” A miniaturized automatic approach. Canadian Journal of Chemistry, 2013, 91, 113-119.	0.6	3
18	Insights about Î±-tocopherol and Trolox interaction with phosphatidylcholine monolayers under peroxidation conditions through Brewster angle microscopy. Colloids and Surfaces B: Biointerfaces, 2013, 111, 626-635.	2.5	12

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19	Ofloxacin Determination in Urine, Serum and Pharmaceuticals Using an Automatic Flow Potentiometric System. Analytical Sciences, 2013, 29, 893-898.	0.8	7
20	Novel resveratrol nanodelivery systems based on lipid nanoparticles to enhance its oral bioavailability. International Journal of Nanomedicine, 2013, 8, 177.	3.3	187
21	Mathematical Simulation of Signal Profiles in Flow Analysis. Analytical Letters, 2012, 45, 85-98.	1.0	2
22	Interaction of Celecoxib with Membranes: The Role of Membrane Biophysics on its Therapeutic and Toxic Effects. Journal of Physical Chemistry B, 2012, 116, 13608-13617.	1.2	34
23	Î²-Galactosidase activity in mixed micelles of imidazolium ionic liquids and sodium dodecylsulfate: A sequential injection kinetic study. Talanta, 2012, 96, 26-33.	2.9	13
24	Automated high-throughput Vibrio fischeri assay for (eco)toxicity screening: Application to ionic liquids. Ecotoxicology and Environmental Safety, 2012, 80, 97-102.	2.9	33
25	Automatic miniaturized flow methodology with in-line solid-phase extraction for quinine determination in biological samples. Analytical Methods, 2012, 4, 1681.	1.3	2
26	Molecular Interaction of Rifabutin on Model Lung Surfactant Monolayers. Journal of Physical Chemistry B, 2012, 116, 11635-11645.	1.2	13
27	Automated solid-phase spectrophotometric system for optosensing of bromate in drinking waters. Analytical Methods, 2012, 4, 1229.	1.3	16
28	An Automated Single Interface Flow System for the Spectrophotometric Determination of Ethanol in Beverages Based on Schlieren Effect. Food Analytical Methods, 2012, 5, 867-873.	1.3	9
29	pH sensitive silica nanotubes as rationally designed vehicles for NSAIDs delivery. Colloids and Surfaces B: Biointerfaces, 2012, 94, 288-295.	2.5	21
30	Trypsin activity in imidazolium based ionic liquids: evaluation of free and immobilized enzyme. Journal of Molecular Liquids, 2012, 171, 16-22.	2.3	18
31	Sequential Injection Chemiluminescence Methodology for Ozone Evaluation. Analytical Letters, 2011, 44, 117-126.	1.0	2
32	Spectrophotometric Determination of Bromate in Water Using Multisyringe Flow Injection Analysis. Analytical Letters, 2011, 44, 284-297.	1.0	18
33	Synchrotron SAXS and WAXS Study of the Interactions of NSAIDs with Lipid Membranes. Journal of Physical Chemistry B, 2011, 115, 8024-8032.	1.2	42
34	Automatic flow system for evaluation of polystyrene-divinylbenzene sorbents applied to preconcentration of phenolic pollutants. International Journal of Environmental Analytical Chemistry, 2011, 91, 884-899.	1.8	1
35	NSAIDs Interactions with Membranes: A Biophysical Approach. Langmuir, 2011, 27, 10847-10858.	1.6	87
36	Effects of non-steroidal anti-inflammatory drugs on the structure of lipid bilayers: therapeutical aspects. Soft Matter, 2011, 7, 3002.	1.2	26

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37	Sequential Injection Analysis Hyphenated with Other Flow Techniques: A Review. Analytical Letters, 2011, 44, 374-397.	1.0	11
38	Lipidâ€“Drug Interaction: Biophysical Effects of Tolmetin on Membrane Mimetic Systems of Different Dimensionality. Journal of Physical Chemistry B, 2011, 115, 12615-12623.	1.2	52
39	Universal approach for mesofluidic handling of bead suspensions in lab-on-valve format. Talanta, 2011, 84, 846-852.	2.9	16
40	A reagent-free method based on a photo-induced fluorimetry in a sequential injection system. Talanta, 2011, 84, 1309-1313.	2.9	9
41	Cadmium telluride nanocrystals as luminescent sensitizers in flow analysis. Talanta, 2011, 84, 1314-1317.	2.9	27
42	Sequential injection analysis system with spectrophotometric detection for determination of norfloxacin and ciprofloxacin in pharmaceutical formulations. Quimica Nova, 2011, 34, 256-261.	0.3	5
43	Determination of Glyphosate in Water Samples by Multi-pumping Flow System Coupled to a Liquid Waveguide Capillary Cell. Analytical Sciences, 2011, 27, 1031-1036.	0.8	16
44	High-throughput Total Cupric Ion Reducing Antioxidant Capacity of Biological Samples Determined Using Flow Injection Analysis and Microplate-based Methods. Analytical Sciences, 2011, 27, 483-488.	0.8	34
45	Automatic Multi-pumping Flow System for the Chemiluminometric Screening of Scavenging Capacity against Singlet Oxygen. Analytical Sciences, 2011, 27, 827-832.	0.8	4
46	Changes in PLA2 activity after interacting with anti-inflammatory drugs and model membranes: evidence for the involvement of tryptophan residues. Chemistry and Physics of Lipids, 2011, 164, 292-299.	1.5	14
47	Highly integrated flow assembly for automated dynamic extraction and determination of readily bioaccessible chromium(VI) in soils exploiting carbon nanoparticle-based solid-phase extraction. Analytical and Bioanalytical Chemistry, 2011, 400, 2217-2227.	1.9	23
48	Automatic flow methodology for kinetic and inhibition studies of reactions with poorly water-soluble substrates in ionic liquid systems. Analytica Chimica Acta, 2011, 690, 101-107.	2.6	9
49	Determination of Ofloxacin in Pharmaceuticals, Human Urine and Serum Using a Potentiometric Sensor. Electroanalysis, 2011, 23, 1013-1022.	1.5	5
50	In vitro scavenging capacity of annatto seed extracts against reactive oxygen and nitrogen species. Food Chemistry, 2011, 127, 419-426.	4.2	109
51	Enzyme based assays in a sequential injection format: A review. Analytica Chimica Acta, 2011, 689, 160-177.	2.6	49
52	Quantum dots assisted photocatalysis for the chemiluminometric determination of chemical oxygen demand using a single interface flow system. Analytica Chimica Acta, 2011, 699, 193-197.	2.6	50
53	Ciprofloxacin and Norfloxacin Spectrophotometric Determination in a Fully Automated Multi-Pumping Flow System. Analytical Letters, 2011, 44, 2074-2084.	1.0	8
54	Flow Injection Analysis with Immobilized Enzymes in Nonaqueous Media. Current Analytical Chemistry, 2010, 6, 193-202.	0.6	3

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55	Exploiting automatic on-line renewable molecularly imprinted solid-phase extraction in lab-on-valve format as front end to liquid chromatography: application to the determination of riboflavin in foodstuffs. Analytical and Bioanalytical Chemistry, 2010, 397, 77-86.	1.9	39
56	Fully automatic flow method for the determination of scavenging capacity against nitric oxide radicals. Analytical and Bioanalytical Chemistry, 2010, 397, 3005-3014.	1.9	8
57	Automated determination of diazepam in spiked alcoholic beverages associated with drug-facilitated crimes. Analytica Chimica Acta, 2010, 668, 67-73.	2.6	16
58	Mathematical modeling of dispersion in single interface flow analysis. Analytica Chimica Acta, 2010, 663, 178-183.	2.6	1
59	A biophysical approach to phospholipase A2 activity and inhibition by anti-inflammatory drugs. Biophysical Chemistry, 2010, 152, 109-117.	1.5	13
60	Diazepam Fluorimetric Monitoring Upon Photo-Degradation in an Automatic Miniaturized Flow System. Journal of Fluorescence, 2010, 20, 915-922.	1.3	4
61	Zinc activates neutrophilsâ€™ oxidative burst. BioMetals, 2010, 23, 31-41.	1.8	20
62	Single interface flow analysis with accuracy assessment. Microchemical Journal, 2010, 94, 60-64.	2.3	6
63	Metal-induced oxidative burst in isolated human neutrophils. Microchemical Journal, 2010, 96, 167-171.	2.3	6
64	On-line renewable solid-phase extraction hyphenated to liquid chromatography for the determination of UV filters using bead injection and multisyringe-lab-on-valve approach. Journal of Chromatography A, 2010, 1217, 3575-3582.	1.8	51
65	A thionine-based reversible redox sensor in a sequential injection system. Analytica Chimica Acta, 2010, 668, 41-46.	2.6	10
66	Effects of resveratrol on membrane biophysical properties: relevance for its pharmacological effects. Chemistry and Physics of Lipids, 2010, 163, 747-754.	1.5	96
67	High-throughput microplate assay for the determination of drug partition coefficients. Nature Protocols, 2010, 5, 1823-1830.	5.5	66
68	Biological Activities of 2-Styrylchromones. Mini-Reviews in Medicinal Chemistry, 2010, 10, 1-7.	1.1	40
69	Scavenging of reactive oxygen and nitrogen species by the prodrug sulfasalazine and its metabolites 5-aminosalicylic acid and sulfapyridine. Redox Report, 2010, 15, 259-267.	1.4	47
70	Drug-Membrane Interactions: Significance for Medicinal Chemistry. Current Medicinal Chemistry, 2010, 17, 1795-1809.	1.2	141
71	Single interface flow system with potentiometric detection for the determination of nitrate in water and vegetables. Talanta, 2010, 80, 1326-1332.	2.9	4
72	Sequential injections as an alternative to gradient exploitation for implementing differential kinetic analysis in a flow injection system. Talanta, 2010, 81, 1409-1412.	2.9	9

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73	Hydrogen peroxide, antioxidant compounds and biological targets: An in vitro approach for determination of scavenging capacity using fluorimetric multisyringe flow injection analysis. Talanta, 2010, 81, 1840-1846.	2.9	4
74	Exploitation of a single interface flow system for on-line aqueous biphasic extractionâ˜†. Talanta, 2010, 81, 1847-1851.	2.9	5
75	Rapid microplate high-throughput methodology for assessment of Folin-Ciocalteu reducing capacity. Talanta, 2010, 83, 441-447.	2.9	138
76	Oxygen and Nitrogen Reactive Species Are Effectively Scavenged by Eucalyptus globulus Leaf Water Extract. Journal of Medicinal Food, 2009, 12, 175-183.	0.8	37
77	Indirect Sequential Injection Enzymatic Determination of Allopurinol in Pharmaceuticals Based on Xanthine Oxidase Inhibition. Spectroscopy Letters, 2009, 42, 341-350.	0.5	3
78	Anti-inflammatory potential of 2-styrylchromones regarding their interference with arachidonic acid metabolic pathways. Biochemical Pharmacology, 2009, 78, 171-177.	2.0	37
79	Optical probes for detection and quantification of neutrophilsâ€™ oxidative burst. A review. Analytica Chimica Acta, 2009, 649, 8-23.	2.6	145
80	Antioxidant Activity of Vitamin E and Trolox: Understanding of the Factors that Govern Lipid Peroxidation Studies In Vitro. Food Biophysics, 2009, 4, 312-320.	1.4	82
81	Multisyringe flow injection analysis system for automation of standard addition calibration method. Microchemical Journal, 2009, 92, 180-185.	2.3	6
82	Multi-syringe flow-injection systems improve antioxidant assessment. TrAC - Trends in Analytical Chemistry, 2009, 28, 952-960.	5.8	13
83	Effect of anti-inflammatory drugs in phosphatidylcholine membranes: A fluorescence and calorimetric study. Chemical Physics Letters, 2009, 471, 300-309.	1.2	42
84	Synthesis and antioxidant properties of new chromone derivatives. Bioorganic and Medicinal Chemistry, 2009, 17, 7218-7226.	1.4	66
85	Liquidâ€“liquid extraction in flow analysis: A critical review. Analytica Chimica Acta, 2009, 652, 54-65.	2.6	146
86	Mixing chambers in flow analysis: A review. Journal of Analytical Chemistry, 2009, 64, 524-532.	0.4	29
87	Multisyringe flow injection system for solid-phase extraction coupled to liquid chromatography using monolithic column for screening of phenolic pollutants. Talanta, 2009, 77, 1466-1472.	2.9	31
88	Flow injection based methods for fast screening of antioxidant capacity. Talanta, 2009, 77, 1559-1566.	2.9	72
89	Exploiting Ï€-acceptors for the determination of thyroid hormones (T3 and T4) using a single interface flow system. Talanta, 2009, 79, 1177-1180.	2.9	6
90	Evidences of turbulent mixing in multi-pumping flow systems. Talanta, 2009, 79, 978-983.	2.9	24

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91	Automatic flow injection based methodologies for determination of scavenging capacity against biologically relevant reactive species of oxygen and nitrogen. Talanta, 2009, 78, 1219-1226.	2.9	20
92	Spectrophotometric FIA methods for determination of hydrogen peroxide: Application to evaluation of scavenging capacity. Talanta, 2009, 79, 1169-1176.	2.9	26
93	Optimization of experimental settings for the analysis of human neutrophils oxidative burst in vitro. Talanta, 2009, 78, 1476-1483.	2.9	33
94	Exploiting the oxidative coupling reaction of MBTH for indapamide determination. Talanta, 2009, 79, 1161-1168.	2.9	8
95	Estimation of postmortem interval by hypoxanthine and potassium evaluation in vitreous humor with a sequential injection system. Talanta, 2009, 79, 1094-1099.	2.9	27
96	Sequential injection system for phospholipase A2 activity evaluation: Studies on liposomes using an environment-sensitive fluorescent probe. Talanta, 2009, 79, 1125-1129.	2.9	3
97	Interfacing multisyringe flow injection analysis to flame atomic emission spectrometry: an intelligent system for automatic sample dilution and determination of potassium. Journal of Analytical Atomic Spectrometry, 2009, 24, 340-346.	1.6	13
98	Sequential injection fluorimetric determination of Sn in juices of canned fruits. Talanta, 2009, 79, 1100-1103.	2.9	26
99	Enzymatic Determination of Glucose in Milk Samples by Sequential Injection Analysis. Analytical Sciences, 2009, 25, 687-692.	0.8	6
100	Exploiting Pulsed Flows for Heating Improvement: Application to Determination of Total Reducing Sugars in Molasses and Sugar-Cane Juices. Current Analytical Chemistry, 2009, 5, 65-69.	0.6	9
101	Methodological aspects about in vitro evaluation of antioxidant properties. Analytica Chimica Acta, 2008, 613, 1-19.	2.6	558
102	Multi-commutation in flow analysis: Recent developments and applications. Analytica Chimica Acta, 2008, 618, 1-17.	2.6	54
103	Isolation and activation of human neutrophils in vitro. The importance of the anticoagulant used during blood collection. Clinical Biochemistry, 2008, 41, 570-575.	0.8	101
104	Multi-pumping flow system for the determination of nitrite and nitrate in water samples. Mikrochimica Acta, 2008, 161, 73-79.	2.5	27
105	Effect of Nonsteroidal Anti-Inflammatory Drugs on the Cellular Membrane Fluidity. Journal of Pharmaceutical Sciences, 2008, 97, 3195-3206.	1.6	30
106	Protective effect of Castanea sativa and Quercus robur leaf extracts against oxygen and nitrogen reactive species. Journal of Photochemistry and Photobiology B: Biology, 2008, 91, 87-95.	1.7	56
107	Cyclic voltammetric analysis of 2-styrylchromones: Relationship with the antioxidant activity. Bioorganic and Medicinal Chemistry, 2008, 16, 7939-7943.	1.4	35
108	Flow methodology for methanol determination in biodiesel exploiting membrane-based extraction. Analytica Chimica Acta, 2008, 613, 177-183.	2.6	31

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109	Walnut (Juglans regia) leaf extracts are strong scavengers of pro-oxidant reactive species. Food Chemistry, 2008, 106, 1014-1020.	4.2	105
110	Determination of total and oxidized glutathione in human whole blood with a sequential injection analysis system. Talanta, 2008, 74, 1511-1519.	2.9	34
111	Sequential injection analysis as a tool for implementation of enzymatic assays in ionic liquids. Talanta, 2008, 77, 479-483.	2.9	23
112	Single reaction interface flow system for chemiluminescent monitoring of mannitol based on its hydroxyl radical scavenger activity. Talanta, 2008, 77, 518-521.	2.9	12
113	Enzymatic oxidation in aqueous and micellar media based on horseradish peroxidaseâ€“hydrogen peroxide system using a SIA manifold. Talanta, 2008, 77, 484-489.	2.9	5
114	Interactions of sulindac and its metabolites with phospholipid membranes: An explanation for the peroxidation protective effect of the bioactive metabolite. Free Radical Research, 2008, 42, 639-650.	1.5	15
115	Binding of Nonsteroidal Anti-inflammatory Drugs to DPPC:â€‰ Structure and Thermodynamic Aspects. Langmuir, 2008, 24, 4132-4139.	1.6	77
116	Use of liposomes as membrane models to evaluate the contribution of drugâ€“membrane interactions to antioxidant properties of etodolac. Redox Report, 2008, 13, 225-236.	1.4	28
117	Singlet oxygen scavenging activity of non-steroidal anti-inflammatory drugs. Redox Report, 2008, 13, 153-160.	1.4	36
118	Automatic Multipumping Flow System for Handling Viscous Solutions: Application to the Spectrophotometric Determination of Trimipramine. Analytical Letters, 2008, 41, 2684-2696.	1.0	4
119	Molecular Mechanisms of Anti-Inflammatory Activity Mediated by Flavonoids. Current Medicinal Chemistry, 2008, 15, 1586-1605.	1.2	168
120	Oxidoreductase Behavior in Ionic Liquids: a Review. Analytical Sciences, 2008, 24, 1231-1238.	0.8	52
121	Direct Introduction of Slurry Samples in Multi-syringe Flow Injection Analysis: Determination of Potassium in Plant Samples. Analytical Sciences, 2008, 24, 601-606.	0.8	4
122	Simultaneous Chemiluminometric Determination of Levodopa and Benserazide in a Multi-pumping Flow System with Multivariate Calibration. Analytical Sciences, 2008, 24, 985-991.	0.8	17
123	In situ near Infrared Monitoring of Activated Dairy Sludge Wastewater Treatment Processes. Journal of Near Infrared Spectroscopy, 2008, 16, 409-419.	0.8	18
124	Sequential Injection Spectrophotometric Determination of Metoclopramide in Pharmaceutical Preparations. Spectroscopy Letters, 2007, 40, 51-61.	0.5	8
125	A Multipumping Flow System for In Vitro Screening of Peroxynitrite Scavengers. Journal of Biomolecular Screening, 2007, 12, 875-880.	2.6	9
126	A Multicommutated Flow System Based on an Openedâ€Loop with Micropump Propulsion. Analytical Letters, 2007, 40, 1632-1645.	1.0	3

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127	Voltammetric determination of food colorants using a polyallylamine modified tubular electrode in a multicommutated flow system. Talanta, 2007, 72, 282-288.	2.9	101
128	Multipumping Flow Systems: An Alternative Approach to Sample Handling in Spectroscopy Measurements. Spectroscopy Letters, 2007, 40, 41-50.	0.5	12
129	Application of Pulsed Flow Analysis for Chemiluminescent Screening of Fluoxetine Counterfeit Pharmaceuticals. Analytical Letters, 2007, 40, 2241-2251.	1.0	8
130	Automatic in Vitro Determination of Hypochlorous Acid Scavenging Capacity Exploiting Multisyringe Flow Injection Analysis and Chemiluminescence. Analytical Chemistry, 2007, 79, 3933-3939.	3.2	37
131	2-Styrylchromones: Novel strong scavengers of reactive oxygen and nitrogen species. Bioorganic and Medicinal Chemistry, 2007, 15, 6027-6036.	1.4	125
132	Assessing the effects of surfactants on the physical properties of liposome membranes. Chemistry and Physics of Lipids, 2007, 146, 94-103.	1.5	35
133	Development of a tubular fluoride potentiometric detector for flow analysis. Analytica Chimica Acta, 2007, 583, 429-436.	2.6	17
134	Piezoelectric pumping in flow analysis: Application to the spectrophotometric determination of gabapentin. Analytica Chimica Acta, 2007, 600, 14-20.	2.6	31
135	Multi-pumping flow systems: The potential of simplicity. Analytica Chimica Acta, 2007, 600, 21-28.	2.6	45
136	Flow-through solid-phase reflectometric method for simultaneous multiresidue determination of nitrophenol derivatives. Analytica Chimica Acta, 2007, 600, 155-163.	2.6	40
137	Exploiting kinetic spectrophotometric determination of captopril, an angiotensin-converting enzyme inhibitor, in a multi-pumping flow system. Analytica Chimica Acta, 2007, 600, 183-187.	2.6	31
138	Determination of Rh, Pd and Pt in urine samples using a pre-concentration sequential injection analysis system coupled to a quadrupole-inductively coupled plasma-mass spectrometer. Analytica Chimica Acta, 2007, 600, 226-232.	2.6	13
139	Flow-injection determination of total organic fluorine with off-line defluorination reaction on a solid sorbent bed. Analytica Chimica Acta, 2007, 600, 147-154.	2.6	15
140	Automatic flow system for sequential determination of ABTS+ scavenging capacity and Folin-Ciocalteu index: A comparative study in food products. Analytica Chimica Acta, 2007, 592, 193-201.	2.6	23
141	Use of liposomes to evaluate the role of membrane interactions on antioxidant activity. Analytica Chimica Acta, 2007, 597, 163-170.	2.6	34
142	Tungsten recovery from alkaline leach solutions as synthetic scheelite. Hydrometallurgy, 2007, 85, 110-115.	1.8	22
143	Î²-Blockers and benzodiazepines location in SDS and bile salt micellar systems. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 62-69.	1.4	11
144	New noncellular fluorescence microplate screening assay for scavenging activity against singlet oxygen. Analytical and Bioanalytical Chemistry, 2007, 387, 2071-2081.	1.9	48

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145	A critical comparison of analytical flow systems exploiting streamlined and pulsed flows. Analytical and Bioanalytical Chemistry, 2007, 388, 1303-1310.	1.9	25
146	Multi-syringe flow injection system for the determination of the scavenging capacity of the diphenylpicrylhydrazyl radical in methanol and ethanolic media. Mikrochimica Acta, 2007, 157, 113-118.	2.5	9
147	Validation of a tubular bismuth film amperometric detector. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 47-53.	1.4	42
148	Kinetic Enzymatic Determination of Glycerol in Wine and Beer Using a Sequential Injection System with Spectrophotometric Detection. Journal of Agricultural and Food Chemistry, 2006, 54, 4136-4140.	2.4	12
149	Antioxidant profile of dihydroxy- and trihydroxyphenolic acids-A structureâ€“activity relationship study. Free Radical Research, 2006, 40, 433-442.	1.5	136
150	Automatic Method for the Determination of Folinâ˜Ciocalteu Reducing Capacity in Food Products. Journal of Agricultural and Food Chemistry, 2006, 54, 5241-5246.	2.4	61
151	Fluorimetric determination of aminocaproic acid in pharmaceutical formulations using a sequential injection analysis system. Talanta, 2006, 68, 857-862.	2.9	17
152	Antioxidant Activity and Inhibition of Human Neutrophil Oxidative Burst Mediated by Arylpropionic Acid Non-steroidal Anti-inflammatory Drugs. Biological and Pharmaceutical Bulletin, 2006, 29, 1659-1670.	0.6	53
153	A flow sampling strategy for the analysis of oil samples without pre-treatment in a sequential injection analysis system. Analytica Chimica Acta, 2006, 555, 377-383.	2.6	20
154	Automatic flow system for the sequential determination of copper in serum and urine by flame atomic absorption spectrometry. Analytica Chimica Acta, 2006, 555, 370-376.	2.6	29
155	Automatic method for determination of total antioxidant capacity using 2,2-diphenyl-1-picrylhydrazyl assay. Analytica Chimica Acta, 2006, 558, 310-318.	2.6	74
156	Antioxidant activity of Î²-blockers: An effect mediated by scavenging reactive oxygen and nitrogen species?. Bioorganic and Medicinal Chemistry, 2006, 14, 4568-4577.	1.4	74
157	Potentiometric multi-syringe flow injection system for determination of exchangeable potassium in soils with in-line extraction. Microchemical Journal, 2006, 83, 75-80.	2.3	17
158	Use of Fluorescence Probes for Detection of Reactive Nitrogen Species: A Review. Journal of Fluorescence, 2006, 16, 119-139.	1.3	151
159	Fluidized beds in flow analysis: use with ion-exchange separation for spectrophotometric determination of zinc in plant digests. Analytical and Bioanalytical Chemistry, 2006, 384, 1019-1024.	1.9	33
160	Inhibition of human neutrophil oxidative burst by pyrazolone derivatives. Free Radical Biology and Medicine, 2006, 40, 632-640.	1.3	135
161	Fully Automated Spectrophotometric Method for the Determination of Buspirone in Pharmaceutical Preparations. Analytical Letters, 2006, 39, 2243-2253.	1.0	7
162	Tubular potentiometric detector used to determine As(V) in sediment extracts by flow injection. International Journal of Environmental Analytical Chemistry, 2006, 86, 563-572.	1.8	3

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163	Determination of Ambroxol in an Automated Multi-Pumping Pulsed Flow System. Analytical Sciences, 2005, 21, 461-464.	0.8	9
164	Application of Sequential Injection Analysis to the Determination of Cationic Surfactants Based on the Sensitized Molybdenum-Bromopyrogallol Red Reaction. Analytical Sciences, 2005, 21, 1509-1514.	0.8	8
165	Chemiluminometric determination of propranolol in an automated multicommutated flow system. Journal of Pharmaceutical and Biomedical Analysis, 2005, 39, 886-891.	1.4	21
166	Application of sequential injection analysis (SIA) to food analysis. Food Chemistry, 2005, 90, 471-490.	4.2	29
167	Flow-injection systems with multi-site detection. TrAC - Trends in Analytical Chemistry, 2005, 24, 880-886.	5.8	9
168	Effect of anti-inflammatory drugs on splenocyte membrane fluidity. Analytical Biochemistry, 2005, 339, 144-149.	1.1	32
169	Evaluation of the total antioxidant capacity by using a multipumping flow system with chemiluminescent detection. Analytical Biochemistry, 2005, 345, 90-95.	1.1	26
170	Automatic sequential determination of the hydrogen peroxide scavenging activity and evaluation of the antioxidant potential by the 2,2â€²-azinobis(3-ethylbenzothiazoline-6-sulfonic acid) radical cation assay in wines by sequential injection analysis. Analytica Chimica Acta, 2005, 531, 25-32.	2.6	34
171	An improved sampling approach in multi-pumping flow systems applied to the spectrophotometric determination of glucose and fructose in syrups. Analytica Chimica Acta, 2005, 531, 279-284.	2.6	29
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