

# JosÃ© LFC Lima

## List of Publications by Year in descending order

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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	Fluorescence probes used for detection of reactive oxygen species. <i>Journal of Proteomics</i> , 2005, 65, 45-80.	2.4	1,505
2	Methodological aspects about in vitro evaluation of antioxidant properties. <i>Analytica Chimica Acta</i> , 2008, 613, 1-19.	2.6	558
3	Phenolic Acids and Derivatives: Studies on the Relationship among Structure, Radical Scavenging Activity, and Physicochemical Parameters. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 2122-2126.	2.4	329
4	Multicommutation in flow analysis. Part 1. Binary sampling: concepts, instrumentation and spectrophotometric determination of iron in plant digests. <i>Analytica Chimica Acta</i> , 1994, 293, 129-138.	2.6	308
5	Multicommutation in flow analysis: concepts, applications and trends. <i>Analytica Chimica Acta</i> , 2002, 468, 119-131.	2.6	212
6	Multi-pumping in flow analysis: concepts, instrumentation, potentialities. <i>Analytica Chimica Acta</i> , 2002, 466, 125-132.	2.6	200
7	Novel resveratrol nanodelivery systems based on lipid nanoparticles to enhance its oral bioavailability. <i>International Journal of Nanomedicine</i> , 2013, 8, 177.	3.3	187
8	Recent developments, characteristics and potential applications of screen-printed electrodes in pharmaceutical and biological analysis. <i>Talanta</i> , 2016, 146, 801-814.	2.9	183
9	Molecular Mechanisms of Anti-Inflammatory Activity Mediated by Flavonoids. <i>Current Medicinal Chemistry</i> , 2008, 15, 1586-1605.	1.2	168
10	Use of Fluorescence Probes for Detection of Reactive Nitrogen Species: A Review. <i>Journal of Fluorescence</i> , 2006, 16, 119-139.	1.3	151
11	In vitro scavenging activity for reactive oxygen and nitrogen species by nonsteroidal anti-inflammatory indole, pyrrole, and oxazole derivative drugs. <i>Free Radical Biology and Medicine</i> , 2004, 37, 1895-1905.	1.3	149
12	Liquid-liquid extraction in flow analysis: A critical review. <i>Analytica Chimica Acta</i> , 2009, 652, 54-65.	2.6	146
13	Optical probes for detection and quantification of neutrophils oxidative burst. A review. <i>Analytica Chimica Acta</i> , 2009, 649, 8-23.	2.6	145
14	Structure-property studies on the antioxidant activity of flavonoids present in diet. <i>Free Radical Biology and Medicine</i> , 2005, 39, 1099-1108.	1.3	144
15	Drug-Membrane Interactions: Significance for Medicinal Chemistry. <i>Current Medicinal Chemistry</i> , 2010, 17, 1795-1809.	1.2	141
16	Noninvasive methods to determine the critical micelle concentration of some bile acid salts. <i>Analytical Biochemistry</i> , 2004, 334, 117-126.	1.1	139
17	Rapid microplate high-throughput methodology for assessment of Folin-Ciocalteu reducing capacity. <i>Talanta</i> , 2010, 83, 441-447.	2.9	138
18	Antioxidant profile of dihydroxy- and trihydroxyphenolic acids-A structure-activity relationship study. <i>Free Radical Research</i> , 2006, 40, 433-442.	1.5	136

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19	Inhibition of human neutrophil oxidative burst by pyrazolone derivatives. <i>Free Radical Biology and Medicine</i> , 2006, 40, 632-640.	1.3	135
20	2-Styrylchromones: Novel strong scavengers of reactive oxygen and nitrogen species. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 6027-6036.	1.4	125
21	In vitro scavenging capacity of annatto seed extracts against reactive oxygen and nitrogen species. <i>Food Chemistry</i> , 2011, 127, 419-426.	4.2	109
22	Flow-through tubular PVC matrix membrane electrode without inner reference solution for flow injection analysis. <i>Analytica Chimica Acta</i> , 1984, 164, 147-152.	2.6	108
23	Multi-pumping flow systems: an automation tool*1. <i>Talanta</i> , 2004, 64, 1091-1098.	2.9	107
24	Walnut ( <i>Juglans regia</i> ) leaf extracts are strong scavengers of pro-oxidant reactive species. <i>Food Chemistry</i> , 2008, 106, 1014-1020.	4.2	105
25	Voltammetric determination of food colorants using a polyallylamine modified tubular electrode in a multicommutated flow system. <i>Talanta</i> , 2007, 72, 282-288.	2.9	101
26	Isolation and activation of human neutrophils in vitro. The importance of the anticoagulant used during blood collection. <i>Clinical Biochemistry</i> , 2008, 41, 570-575.	0.8	101
27	Effects of resveratrol on membrane biophysical properties: relevance for its pharmacological effects. <i>Chemistry and Physics of Lipids</i> , 2010, 163, 747-754.	1.5	96
28	Proinflammatory Pathways: The Modulation by Flavonoids. <i>Medicinal Research Reviews</i> , 2015, 35, 877-936.	5.0	94
29	Flavonoids Inhibit COX-1 and COX-2 Enzymes and Cytokine/Chemokine Production in Human Whole Blood. <i>Inflammation</i> , 2015, 38, 858-870.	1.7	92
30	NSAIDs Interactions with Membranes: A Biophysical Approach. <i>Langmuir</i> , 2011, 27, 10847-10858.	1.6	87
31	Fluorimetric determination of isoniazid by oxidation with cerium(IV) in a multicommutated flow system. <i>Analytica Chimica Acta</i> , 2000, 419, 17-23.	2.6	83
32	Antioxidant Activity of Vitamin E and Trolox: Understanding of the Factors that Govern Lipid Peroxidation Studies In Vitro. <i>Food Biophysics</i> , 2009, 4, 312-320.	1.4	82
33	Binding of Nonsteroidal Anti-inflammatory Drugs to DPPC: Structure and Thermodynamic Aspects. <i>Langmuir</i> , 2008, 24, 4132-4139.	1.6	77
34	Automatic method for determination of total antioxidant capacity using 2,2-diphenyl-1-picrylhydrazyl assay. <i>Analytica Chimica Acta</i> , 2006, 558, 310-318.	2.6	74
35	Antioxidant activity of $\beta$ -blockers: An effect mediated by scavenging reactive oxygen and nitrogen species?. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 4568-4577.	1.4	74
36	A flow-batch titrator exploiting a one-dimensional optimisation algorithm for end point search. <i>Analytica Chimica Acta</i> , 1999, 396, 91-97.	2.6	72

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37	Spectrophotometric determination of iron and boron in soil extracts using a multi-syringe flow injection system. <i>Talanta</i> , 2005, 66, 703-711.	2.9	72
38	Flow injection based methods for fast screening of antioxidant capacity. <i>Talanta</i> , 2009, 77, 1559-1566.	2.9	72
39	Synthesis and antioxidant properties of new chromone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7218-7226.	1.4	66
40	High-throughput microplate assay for the determination of drug partition coefficients. <i>Nature Protocols</i> , 2010, 5, 1823-1830.	5.5	66
41	The metabolism of sulindac enhances its scavenging activity against reactive oxygen and nitrogen species. <i>Free Radical Biology and Medicine</i> , 2003, 35, 1008-1017.	1.3	61
42	Zeta-Potential Measurements as a Tool To Quantify the Effect of Charged Drugs on the Surface Potential of Egg Phosphatidylcholine Liposomes. <i>Langmuir</i> , 2004, 20, 369-377.	1.6	61
43	Hydrogen peroxide scavenging activity by non-steroidal anti-inflammatory drugs. <i>Life Sciences</i> , 2005, 76, 2841-2848.	2.0	61
44	Automatic Method for the Determination of FolinâCiocalteu Reducing Capacity in Food Products. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 5241-5246.	2.4	61
45	Photochemical-fluorimetric determination of folic acid in a multicommutated flow system. <i>Analytica Chimica Acta</i> , 1997, 351, 223-228.	2.6	56
46	Protective effect of <i>Castanea sativa</i> and <i>Quercus robur</i> leaf extracts against oxygen and nitrogen reactive species. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008, 91, 87-95.	1.7	56
47	Procedure for the construction of all-solid-state PVC membrane electrodes. <i>Analyst</i> , 1986, 111, 799.	1.7	55
48	Multi-commutation in flow analysis: Recent developments and applications. <i>Analytica Chimica Acta</i> , 2008, 618, 1-17.	2.6	54
49	Flow injection amperometric determination of l-dopa, epinephrine or dopamine in pharmaceutical preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997, 15, 845-849.	1.4	53
50	Antioxidant Activity and Inhibition of Human Neutrophil Oxidative Burst Mediated by Arylpropionic Acid Non-steroidal Anti-inflammatory Drugs. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1659-1670.	0.6	53
51	Partition and location of nimesulide in EPC liposomes: a spectrophotometric and fluorescence study. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 293-298.	1.9	52
52	Oxidoreductase Behavior in Ionic Liquids: a Review. <i>Analytical Sciences</i> , 2008, 24, 1231-1238.	0.8	52
53	LipidâDrug Interaction: Biophysical Effects of Tolmetin on Membrane Mimetic Systems of Different Dimensionality. <i>Journal of Physical Chemistry B</i> , 2011, 115, 12615-12623.	1.2	52
54	Electrochemical Methods in Pesticides Control. <i>Analytical Letters</i> , 2004, 37, 1755-1791.	1.0	51

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55	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. <i>Journal of Chromatography A</i> , 2010, 1217, 3575-3582.	1.8	51
56	Multicommutation in flow analysis. Part 2. Binary sampling for spectrophotometric determination of nickel, iron and chromium in steel alloys. <i>Analytica Chimica Acta</i> , 1995, 308, 397-405.	2.6	50
57	Quantum dots assisted photocatalysis for the chemiluminometric determination of chemical oxygen demand using a single interface flow system. <i>Analytica Chimica Acta</i> , 2011, 699, 193-197.	2.6	50
58	Potentiometric studies on the complexation of copper(II) by phenolic acids as discrete ligand models of humic substances. <i>Talanta</i> , 2005, 66, 670-673.	2.9	49
59	Enzyme based assays in a sequential injection format: A review. <i>Analytica Chimica Acta</i> , 2011, 689, 160-177.	2.6	49
60	Derivative spectrophotometry as a tool for the determination of drug partition coefficients in water/dimyristoyl- $\beta$ -phosphatidylglycerol (DMPG) liposomes. <i>Biophysical Chemistry</i> , 2001, 94, 97-106.	1.5	48
61	New noncellular fluorescence microplate screening assay for scavenging activity against singlet oxygen. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2071-2081.	1.9	48
62	Scavenging of reactive oxygen and nitrogen species by the prodrug sulfasalazine and its metabolites 5-aminosalicylic acid and sulfapyridine. <i>Redox Report</i> , 2010, 15, 259-267.	1.4	47
63	Influence of some anti-inflammatory drugs in membrane fluidity studied by fluorescence anisotropy measurements. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 1493-1498.	1.3	46
64	Multi-pumping flow systems: The potential of simplicity. <i>Analytica Chimica Acta</i> , 2007, 600, 21-28.	2.6	45
65	Calibration of pH glass electrodes by direct strong acid/strong base titrations under dilute conditions. <i>Analytica Chimica Acta</i> , 2000, 405, 167-172.	2.6	43
66	Sequential flow-injection determinations of calcium and magnesium in waters. <i>Analytica Chimica Acta</i> , 1986, 179, 503-508.	2.6	42
67	Characterisation of poly(vinyl chloride) barium ion-selective electrodes without an internal reference solution. <i>Analyst</i> , 1988, 113, 1023.	1.7	42
68	Validation of a tubular bismuth film amperometric detector. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 47-53.	1.4	42
69	Effect of anti-inflammatory drugs in phosphatidylcholine membranes: A fluorescence and calorimetric study. <i>Chemical Physics Letters</i> , 2009, 471, 300-309.	1.2	42
70	Synchrotron SAXS and WAXS Study of the Interactions of NSAIDs with Lipid Membranes. <i>Journal of Physical Chemistry B</i> , 2011, 115, 8024-8032.	1.2	42
71	Spectrophotometric determination of phytic acid in plant extracts using a multi-pumping flow system. <i>Analytica Chimica Acta</i> , 2002, 474, 161-166.	2.6	40
72	Application of a Potentiometric System with Data-Analysis Computer Programs to the Quantification of Metal-Chelating Activity of Two Natural Antioxidants: Caffeic Acid and Ferulic Acid. <i>Helvetica Chimica Acta</i> , 2003, 86, 3081-3087.	1.0	40

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73	Flow-through solid-phase reflectometric method for simultaneous multiresidue determination of nitrophenol derivatives. <i>Analytica Chimica Acta</i> , 2007, 600, 155-163.	2.6	40
74	Biological Activities of 2-Styrylchromones. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010, 10, 1-7.	1.1	40
75	Development of a sequential injection analysis system for the simultaneous biosensing of glucose and ethanol in bioreactor fermentation. <i>Food Chemistry</i> , 2003, 81, 141-146.	4.2	39
76	Effects of diclofenac on EPC liposome membrane properties. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 1256-1264.	1.9	39
77	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. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 77-86.	1.9	39
78	Multicommutation in flow analysis. Part 3. Spectrophotometric kinetic determination of creatinine in urine exploiting a novel zone sampling approach. <i>Analytica Chimica Acta</i> , 1995, 310, 447-452.	2.6	38
79	Automatic potentiometric titration in monosegmented flow system exploiting binary search. <i>Analytica Chimica Acta</i> , 1999, 387, 165-173.	2.6	38
80	Electrochemical studies and square wave adsorptive stripping voltammetry of the antidepressant fluoxetine. <i>Talanta</i> , 1999, 49, 611-617.	2.9	38
81	Interaction of Grepafloxacin with Large Unilamellar Liposomes: Partition and Fluorescence Studies Reveal the Importance of Charge Interactions. <i>Langmuir</i> , 2002, 18, 10231-10236.	1.6	38
82	Flow amperometric determination of pharmaceuticals with on-line electrode surface renewal. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 33, 571-580.	1.4	37
83	Automatic in Vitro Determination of Hypochlorous Acid Scavenging Capacity Exploiting Multisyringe Flow Injection Analysis and Chemiluminescence. <i>Analytical Chemistry</i> , 2007, 79, 3933-3939.	3.2	37
84	Oxygen and Nitrogen Reactive Species Are Effectively Scavenged by Eucalyptus globulus Leaf Water Extract. <i>Journal of Medicinal Food</i> , 2009, 12, 175-183.	0.8	37
85	Anti-inflammatory potential of 2-styrylchromones regarding their interference with arachidonic acid metabolic pathways. <i>Biochemical Pharmacology</i> , 2009, 78, 171-177.	2.0	37
86	On-Line fermentation monitoring using flow injection analysis. <i>Biotechnology and Bioengineering</i> , 1990, 36, 647-651.	1.7	36
87	Singlet oxygen scavenging activity of non-steroidal anti-inflammatory drugs. <i>Redox Report</i> , 2008, 13, 153-160.	1.4	36
88	Assessing the effects of surfactants on the physical properties of liposome membranes. <i>Chemistry and Physics of Lipids</i> , 2007, 146, 94-103.	1.5	35
89	Cyclic voltammetric analysis of 2-styrylchromones: Relationship with the antioxidant activity. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7939-7943.	1.4	35
90	Automatic sequential determination of the hydrogen peroxide scavenging activity and evaluation of the antioxidant potential by the 2,2-azino-bis(3-ethylbenzothiazoline-6-sulfonic acid) radical cation assay in wines by sequential injection analysis. <i>Analytica Chimica Acta</i> , 2005, 531, 25-32.	2.6	34

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91	Use of liposomes to evaluate the role of membrane interactions on antioxidant activity. <i>Analytica Chimica Acta</i> , 2007, 597, 163-170.	2.6	34
92	Determination of total and oxidized glutathione in human whole blood with a sequential injection analysis system. <i>Talanta</i> , 2008, 74, 1511-1519.	2.9	34
93	High-throughput Total Cupric Ion Reducing Antioxidant Capacity of Biological Samples Determined Using Flow Injection Analysis and Microplate-based Methods. <i>Analytical Sciences</i> , 2011, 27, 483-488.	0.8	34
94	Interaction of Celecoxib with Membranes: The Role of Membrane Biophysics on its Therapeutic and Toxic Effects. <i>Journal of Physical Chemistry B</i> , 2012, 116, 13608-13617.	1.2	34
95	Sequential potentiometric determination of chloride and nitrate in meat products. <i>Food Chemistry</i> , 1997, 59, 305-311.	4.2	33
96	Spectrophotometric determination of drug partition coefficients in dimyristoyl-l- $\alpha$ -phosphatidylcholine/water: a comparative study using phase separation and liposome suspensions. <i>Analytica Chimica Acta</i> , 2001, 428, 103-109.	2.6	33
97	Multi-pumping flow system for spectrophotometric determination of bromhexine. <i>Analytica Chimica Acta</i> , 2003, 499, 107-113.	2.6	33
98	Fluidized beds in flow analysis: use with ion-exchange separation for spectrophotometric determination of zinc in plant digests. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1019-1024.	1.9	33
99	Optimization of experimental settings for the analysis of human neutrophils oxidative burst in vitro. <i>Talanta</i> , 2009, 78, 1476-1483.	2.9	33
100	Automated high-throughput <i>Vibrio fischeri</i> assay for (eco)toxicity screening: Application to ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 97-102.	2.9	33
101	Multi-site detection in flow analysis. <i>Analytica Chimica Acta</i> , 1992, 261, 59-65.	2.6	32
102	Sequential injection analysis-based flow system for the enzymatic determination of aspartame. <i>Analytica Chimica Acta</i> , 2004, 514, 37-43.	2.6	32
103	Effect of anti-inflammatory drugs on splenocyte membrane fluidity. <i>Analytical Biochemistry</i> , 2005, 339, 144-149.	1.1	32
104	A multicommutated flow system with on-line compensation of the Schlieren effect applied to the spectrophotometric determination of pindolol. <i>Analytica Chimica Acta</i> , 1998, 366, 209-215.	2.6	31
105	Electrochemical oxidation of bentazon at a glassy carbon electrode Application to the determination of a commercial herbicide. <i>Talanta</i> , 1998, 46, 1131-1135.	2.9	31
106	Interaction of drugs with hexadecylphosphocholine micelles. Derivative spectroscopy, acid-base and solubility studies. <i>Materials Science and Engineering C</i> , 2001, 18, 71-78.	3.8	31
107	A pulsed sequential injection analysis flow system for the fluorimetric determination of indomethacin in pharmaceutical preparations. <i>Analytica Chimica Acta</i> , 2005, 539, 173-179.	2.6	31
108	Piezoelectric pumping in flow analysis: Application to the spectrophotometric determination of gabapentin. <i>Analytica Chimica Acta</i> , 2007, 600, 14-20.	2.6	31

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109	Exploiting kinetic spectrophotometric determination of captopril, an angiotensin-converting enzyme inhibitor, in a multi-pumping flow system. <i>Analytica Chimica Acta</i> , 2007, 600, 183-187.	2.6	31
110	Flow methodology for methanol determination in biodiesel exploiting membrane-based extraction. <i>Analytica Chimica Acta</i> , 2008, 613, 177-183.	2.6	31
111	Multisyringe flow injection system for solid-phase extraction coupled to liquid chromatography using monolithic column for screening of phenolic pollutants. <i>Talanta</i> , 2009, 77, 1466-1472.	2.9	31
112	Study of partition of nitrazepam in bile salt micelles and the role of lecithin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 24, 595-602.	1.4	30
113	Interaction of Clonixin with EPC Liposomes Used as Membrane Models. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 1277-1287.	1.6	30
114	Chemiluminometric determination of carvedilol in a multi-pumping flow system. <i>Talanta</i> , 2005, 68, 239-244.	2.9	30
115	Effect of Nonsteroidal Anti-Inflammatory Drugs on the Cellular Membrane Fluidity. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 3195-3206.	1.6	30
116	Fluoroquinolones and sulfonamides: features of their determination in water. A review. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 185-202.	1.8	30
117	Multi-site detection in flow analysis. <i>Analytica Chimica Acta</i> , 1993, 276, 121-125.	2.6	29
118	Application of sequential injection analysis (SIA) to food analysis. <i>Food Chemistry</i> , 2005, 90, 471-490.	4.2	29
119	An improved sampling approach in multi-pumping flow systems applied to the spectrophotometric determination of glucose and fructose in syrups. <i>Analytica Chimica Acta</i> , 2005, 531, 279-284.	2.6	29
120	Automatic flow system for the sequential determination of copper in serum and urine by flame atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2006, 555, 370-376.	2.6	29
121	Mixing chambers in flow analysis: A review. <i>Journal of Analytical Chemistry</i> , 2009, 64, 524-532.	0.4	29
122	Sample preparation in sequential injection analysis. Spectrophotometric determination of total phosphorus in food samples. <i>Analytica Chimica Acta</i> , 1998, 371, 57-62.	2.6	28
123	Tetracycline, oxytetracycline and chlortetracycline determination by flow injection potentiometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998, 18, 527-533.	1.4	28
124	Partition coefficients of $\beta$ -blockers in bile salt/lecithin micelles as a tool to assess the role of mixed micelles in gastrointestinal absorption. <i>Biophysical Chemistry</i> , 2001, 90, 31-43.	1.5	28
125	Use of liposomes as membrane models to evaluate the contribution of drug-membrane interactions to antioxidant properties of etodolac. <i>Redox Report</i> , 2008, 13, 225-236.	1.4	28
126	Vitamins B1 and B6 tubular electrodes as FIA detectors; their use in the analysis of pharmaceutical products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1991, 9, 1041-1046.	1.4	27

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127	Sequential determination of calcium and nitrate ions in waters by potentiometric flow injection. <i>Analyst, The</i> , 1993, 118, 1527-1532.	1.7	27
128	Standard additions in flow injection analysis based on merging zones and gradient exploitation: application to copper determination in spirits. <i>Analytica Chimica Acta</i> , 1996, 319, 153-158.	2.6	27
129	Acid-base properties and solubility of pindolol, diazepam and chlordiazepoxide in SDS micelles. <i>International Journal of Pharmaceutics</i> , 1999, 187, 67-75.	2.6	27
130	Dual-stopped-flow spectrophotometric determination of amiloride hydrochloride in a multicommutated flow system. <i>Analytica Chimica Acta</i> , 2000, 407, 225-231.	2.6	27
131	Multi-pumping flow system for the spectrophotometric determination of dipyrone in pharmaceutical preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 32, 1011-1017.	1.4	27
132	Multi-pumping flow system for the determination of nitrite and nitrate in water samples. <i>Mikrochimica Acta</i> , 2008, 161, 73-79.	2.5	27
133	Estimation of postmortem interval by hypoxanthine and potassium evaluation in vitreous humor with a sequential injection system. <i>Talanta</i> , 2009, 79, 1094-1099.	2.9	27
134	Cadmium telluride nanocrystals as luminescent sensitizers in flow analysis. <i>Talanta</i> , 2011, 84, 1314-1317.	2.9	27
135	A Non-invasive Real-Time Methodology for the Quantification of Antioxidant Properties in Coffee During the Roasting Process Based on Near-Infrared Spectroscopy. <i>Food and Bioprocess Technology</i> , 2017, 10, 630-638.	2.6	27
136	Simultaneous determination of total iron and chromium(VI) in wastewater using a flow injection system based on the sandwich technique. <i>Analyst, The</i> , 1989, 114, 1465.	1.7	26
137	Square-wave anodic stripping voltammetry in stationary and flowing solution: a comparative study. <i>Analyst, The</i> , 1994, 119, 1229.	1.7	26
138	Sampling strategies in sequential injection analysis: Exploiting the monosegmented-flow approach. <i>Analytica Chimica Acta</i> , 1998, 366, 257-262.	2.6	26
139	Flow-injection analysis of Kjeldahl nitrogen in milk and dairy products by potentiometric detection. <i>Analytica Chimica Acta</i> , 1999, 385, 437-441.	2.6	26
140	Electrochemical behaviour of Venlafaxine and its determination in pharmaceutical products using square wave voltammetry. <i>Il Farmaco</i> , 1999, 54, 145-148.	0.9	26
141	Construction and evaluation of ion selective electrodes for perchlorate with a summing operational amplifier: application to pyrotechnics mixtures analysis. <i>Analyst, The</i> , 1999, 124, 97-100.	1.7	26
142	Electrochemical oxidation of propanil and related N-substituted amides. <i>Analytica Chimica Acta</i> , 2001, 434, 35-41.	2.6	26
143	Automatic potentiometric flow titration procedure for ascorbic acid determination in pharmaceutical formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 28, 1221-1225.	1.4	26
144	Evaluation of the total antioxidant capacity by using a multipumping flow system with chemiluminescent detection. <i>Analytical Biochemistry</i> , 2005, 345, 90-95.	1.1	26

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145	Multi-Syringe Flow Injection System with In-Line Pre-Concentration for the Determination of Total Phenolic Compounds. <i>Mikrochimica Acta</i> , 2005, 150, 187-196.	2.5	26
146	Pindolol is a potent scavenger of reactive nitrogen species. <i>Life Sciences</i> , 2005, 77, 1983-1992.	2.0	26
147	Spectrophotometric FIA methods for determination of hydrogen peroxide: Application to evaluation of scavenging capacity. <i>Talanta</i> , 2009, 79, 1169-1176.	2.9	26
148	Sequential injection fluorimetric determination of Sn in juices of canned fruits. <i>Talanta</i> , 2009, 79, 1100-1103.	2.9	26
149	Effects of non-steroidal anti-inflammatory drugs on the structure of lipid bilayers: therapeutical aspects. <i>Soft Matter</i> , 2011, 7, 3002.	1.2	26
150	A phenobarbital ion-selective electrode without an inner reference solution, and its application to pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1990, 8, 701-704.	1.4	25
151	FIA Tubular Potentiometric Detectors Based on Homogeneous Crystalline Membranes. Their Use in the Determination of Chloride and Sulphide Ions in Water. <i>International Journal of Environmental Analytical Chemistry</i> , 1990, 38, 127-133.	1.8	25
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