

# Jos LFC Lima

## List of Publications by Citations

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332  
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11,096  
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48  
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87  
g-index

333  
ext. papers

11,820  
ext. citations

5  
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L-index

#	Paper	IF	Citations
332	Fluorescence probes used for detection of reactive oxygen species. <i>Journal of Proteomics</i> , <b>2005</b> , 65, 45-80		1266
331	Methodological aspects about in vitro evaluation of antioxidant properties. <i>Analytica Chimica Acta</i> , <b>2008</b> , 613, 1-19	6.6	483
330	Phenolic acids and derivatives: studies on the relationship among structure, radical scavenging activity, and physicochemical parameters. <i>Journal of Agricultural and Food Chemistry</i> , <b>2000</b> , 48, 2122-6	5.7	290
329	Multicommuation in flow analysis. Part 1. Binary sampling: concepts, instrumentation and spectrophotometric determination of iron in plant digests. <i>Analytica Chimica Acta</i> , <b>1994</b> , 293, 129-138	6.6	251
328	Multicommuation in flow analysis: concepts, applications and trends. <i>Analytica Chimica Acta</i> , <b>2002</b> , 468, 119-131	6.6	169
327	Multi-pumping in flow analysis: concepts, instrumentation, potentialities. <i>Analytica Chimica Acta</i> , <b>2002</b> , 466, 125-132	6.6	164
326	Novel resveratrol nanodelivery systems based on lipid nanoparticles to enhance its oral bioavailability. <i>International Journal of Nanomedicine</i> , <b>2013</b> , 8, 177-87	7.3	160
325	Recent developments, characteristics and potential applications of screen-printed electrodes in pharmaceutical and biological analysis. <i>Talanta</i> , <b>2016</b> , 146, 801-14	6.2	142
324	Use of fluorescence probes for detection of reactive nitrogen species: a review. <i>Journal of Fluorescence</i> , <b>2006</b> , 16, 119-39	2.4	139
323	Molecular mechanisms of anti-inflammatory activity mediated by flavonoids. <i>Current Medicinal Chemistry</i> , <b>2008</b> , 15, 1586-605	4.3	134
322	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> , <b>2004</b> , 37, 1895-905	7.8	134
321	Noninvasive methods to determine the critical micelle concentration of some bile acid salts. <i>Analytical Biochemistry</i> , <b>2004</b> , 334, 117-26	3.1	128
320	Optical probes for detection and quantification of neutrophilsPoxidative burst. A review. <i>Analytica Chimica Acta</i> , <b>2009</b> , 649, 8-23	6.6	126
319	Structure-property studies on the antioxidant activity of flavonoids present in diet. <i>Free Radical Biology and Medicine</i> , <b>2005</b> , 39, 1099-108	7.8	125
318	Liquid-liquid extraction in flow analysis: A critical review. <i>Analytica Chimica Acta</i> , <b>2009</b> , 652, 54-65	6.6	124
317	Inhibition of human neutrophil oxidative burst by pyrazolone derivatives. <i>Free Radical Biology and Medicine</i> , <b>2006</b> , 40, 632-40	7.8	120
316	Antioxidant profile of dihydroxy- and trihydroxyphenolic acids--a structure-activity relationship study. <i>Free Radical Research</i> , <b>2006</b> , 40, 433-42	4	111

315	Drug-membrane interactions: significance for medicinal chemistry. <i>Current Medicinal Chemistry</i> , <b>2010</b> , 17, 1795-809	4.3	110
314	2-Styrylchromones: novel strong scavengers of reactive oxygen and nitrogen species. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 6027-36	3.4	103
313	Rapid microplate high-throughput methodology for assessment of Folin-Ciocalteu reducing capacity. <i>Talanta</i> , <b>2010</b> , 83, 441-7	6.2	92
312	Flow-through tubular PVC matrix membrane electrode without inner reference solution for flow injection analysis. <i>Analytica Chimica Acta</i> , <b>1984</b> , 164, 147-152	6.6	91
311	In vitro scavenging capacity of annatto seed extracts against reactive oxygen and nitrogen species. <i>Food Chemistry</i> , <b>2011</b> , 127, 419-26	8.5	88
310	Multi-pumping flow systems: an automation tool. <i>Talanta</i> , <b>2004</b> , 64, 1091-8	6.2	86
309	Walnut ( <i>Juglans regia</i> ) leaf extracts are strong scavengers of pro-oxidant reactive species. <i>Food Chemistry</i> , <b>2008</b> , 106, 1014-1020	8.5	85
308	Isolation and activation of human neutrophils in vitro. The importance of the anticoagulant used during blood collection. <i>Clinical Biochemistry</i> , <b>2008</b> , 41, 570-5	3.5	84
307	Voltammetric determination of food colorants using a polyallylamine modified tubular electrode in a multicommutated flow system. <i>Talanta</i> , <b>2007</b> , 72, 282-8	6.2	84
306	Effects of resveratrol on membrane biophysical properties: relevance for its pharmacological effects. <i>Chemistry and Physics of Lipids</i> , <b>2010</b> , 163, 747-54	3.7	78
305	NSAIDs interactions with membranes: a biophysical approach. <i>Langmuir</i> , <b>2011</b> , 27, 10847-58	4	77
304	Binding of nonsteroidal anti-inflammatory drugs to DPPC: structure and thermodynamic aspects. <i>Langmuir</i> , <b>2008</b> , 24, 4132-9	4	67
303	Antioxidant activity of beta-blockers: an effect mediated by scavenging reactive oxygen and nitrogen species?. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 4568-77	3.4	67
302	Fluorimetric determination of isoniazid by oxidation with cerium(IV) in a multicommutated flow system. <i>Analytica Chimica Acta</i> , <b>2000</b> , 419, 17-23	6.6	66
301	Proinflammatory Pathways: The Modulation by Flavonoids. <i>Medicinal Research Reviews</i> , <b>2015</b> , 35, 877-936	4.4	65
300	Antioxidant Activity of Vitamin E and Trolox: Understanding of the Factors that Govern Lipid Peroxidation Studies In Vitro. <i>Food Biophysics</i> , <b>2009</b> , 4, 312-320	3.2	65
299	Spectrophotometric determination of iron and boron in soil extracts using a multi-syringe flow injection system. <i>Talanta</i> , <b>2005</b> , 66, 703-11	6.2	61
298	A flow-batch titrator exploiting a one-dimensional optimisation algorithm for end point search. <i>Analytica Chimica Acta</i> , <b>1999</b> , 396, 91-97	6.6	61

297	Automatic method for determination of total antioxidant capacity using 2,2-diphenyl-1-picrylhydrazyl assay. <i>Analytica Chimica Acta</i> , <b>2006</b> , 558, 310-318	6.6	59
296	Flow injection based methods for fast screening of antioxidant capacity. <i>Talanta</i> , <b>2009</b> , 77, 1559-66	6.2	57
295	High-throughput microplate assay for the determination of drug partition coefficients. <i>Nature Protocols</i> , <b>2010</b> , 5, 1823-30	18.8	56
294	Flavonoids inhibit COX-1 and COX-2 enzymes and cytokine/chemokine production in human whole blood. <i>Inflammation</i> , <b>2015</b> , 38, 858-70	5.1	55
293	Zeta-potential measurements as a tool to quantify the effect of charged drugs on the surface potential of egg phosphatidylcholine liposomes. <i>Langmuir</i> , <b>2004</b> , 20, 369-77	4	54
292	The metabolism of sulindac enhances its scavenging activity against reactive oxygen and nitrogen species. <i>Free Radical Biology and Medicine</i> , <b>2003</b> , 35, 1008-17	7.8	53
291	Automatic method for the determination of Folin-Ciocalteu reducing capacity in food products. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 5241-6	5.7	52
290	Synthesis and antioxidant properties of new chromone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , <b>2009</b> , 17, 7218-26	3.4	51
289	Photochemical-fluorimetric determination of folic acid in a multicommutated flow system. <i>Analytica Chimica Acta</i> , <b>1997</b> , 351, 223-228	6.6	51
288	Hydrogen peroxide scavenging activity by non-steroidal anti-inflammatory drugs. <i>Life Sciences</i> , <b>2005</b> , 76, 2841-8	6.8	51
287	Multi-commutation in flow analysis: recent developments and applications. <i>Analytica Chimica Acta</i> , <b>2008</b> , 618, 1-17	6.6	49
286	Partition and location of nimesulide in EPC liposomes: a spectrophotometric and fluorescence study. <i>Analytical and Bioanalytical Chemistry</i> , <b>2003</b> , 377, 293-8	4.4	49
285	Lipid-drug interaction: biophysical effects of tolmetin on membrane mimetic systems of different dimensionality. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 12615-23	3.4	48
284	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> , <b>2008</b> , 91, 87-95	6.7	48
283	Oxidoreductase behavior in ionic liquids: a review. <i>Analytical Sciences</i> , <b>2008</b> , 24, 1231-8	1.7	47
282	Antioxidant activity and inhibition of human neutrophil oxidative burst mediated by arylpropionic acid non-steroidal anti-inflammatory drugs. <i>Biological and Pharmaceutical Bulletin</i> , <b>2006</b> , 29, 1659-70	2.3	47
281	Flow injection amperometric determination of L-dopa, epinephrine or dopamine in pharmaceutical preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1997</b> , 15, 845-9	3.5	46
280	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> , <b>2010</b> , 1217, 3575-82	4.5	45

279	New noncellular fluorescence microplate screening assay for scavenging activity against singlet oxygen. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 2071-81	4.4	45
278	Quantum dots assisted photocatalysis for the chemiluminometric determination of chemical oxygen demand using a single interface flow system. <i>Analytica Chimica Acta</i> , <b>2011</b> , 699, 193-7	6.6	44
277	Derivative spectrophotometry as a tool for the determination of drug partition coefficients in water/dimyristoyl-L-alpha-phosphatidylglycerol (DMPG) liposomes. <i>Biophysical Chemistry</i> , <b>2001</b> , 94, 97-106	2.5	44
276	Electrochemical Methods in Pesticides Control. <i>Analytical Letters</i> , <b>2004</b> , 37, 1755-1791	2.2	43
275	Enzyme based assays in a sequential injection format: a review. <i>Analytica Chimica Acta</i> , <b>2011</b> , 689, 160-776	7.6	42
274	Multi-pumping flow systems: the potential of simplicity. <i>Analytica Chimica Acta</i> , <b>2007</b> , 600, 21-8	6.6	42
273	Influence of some anti-inflammatory drugs in membrane fluidity studied by fluorescence anisotropy measurements. <i>Physical Chemistry Chemical Physics</i> , <b>2004</b> , 6, 1493-1498	3.6	42
272	Procedure for the construction of all-solid-state PVC membrane electrodes. <i>Analyst, The</i> , <b>1986</b> , 111, 799-5	5	42
271	Scavenging of reactive oxygen and nitrogen species by the prodrug sulfasalazine and its metabolites 5-aminosalicylic acid and sulfapyridine. <i>Redox Report</i> , <b>2010</b> , 15, 259-67	5.9	41
270	Synchrotron SAXS and WAXS study of the interactions of NSAIDs with lipid membranes. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 8024-32	3.4	41
269	Calibration of pH glass electrodes by direct strong acid/strong base titrations under dilute conditions. <i>Analytica Chimica Acta</i> , <b>2000</b> , 405, 167-172	6.6	40
268	Effect of anti-inflammatory drugs in phosphatidylcholine membranes: A fluorescence and calorimetric study. <i>Chemical Physics Letters</i> , <b>2009</b> , 471, 300-309	2.5	39
267	Validation of a tubular bismuth film amperometric detector. Determination of diclofenac sodium by multisyringe flow injection analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2007</b> , 45, 47-53	3.5	38
266	Potentiometric studies on the complexation of copper(II) by phenolic acids as discrete ligand models of humic substances. <i>Talanta</i> , <b>2005</b> , 66, 670-3	6.2	38
265	Effects of diclofenac on EPC liposome membrane properties. <i>Analytical and Bioanalytical Chemistry</i> , <b>2005</b> , 382, 1256-64	4.4	37
264	Interaction of Grepafloxacin with Large Unilamellar Liposomes: Partition and Fluorescence Studies Reveal the Importance of Charge Interactions. <i>Langmuir</i> , <b>2002</b> , 18, 10231-10236	4	37
263	Multicommution in flow analysis. Part 2. Binary sampling for spectrophotometric determination of nickel, iron and chromium in steel alloys. <i>Analytica Chimica Acta</i> , <b>1995</b> , 308, 397-405	6.6	36
262	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> , <b>2010</b> , 397, 77-86	4.4	35

261	Development of a sequential injection analysis system for the simultaneous biosensing of glucose and ethanol in bioreactor fermentation. <i>Food Chemistry</i> , <b>2003</b> , 81, 141-146	8.5	34
260	On-line fermentation monitoring using flow injection analysis. <i>Biotechnology and Bioengineering</i> , <b>1990</b> , 36, 647-51	4.9	34
259	Biological activities of 2-styrylchromones. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2010</b> , 10, 1-7	3.2	33
258	Flow-through solid-phase reflectometric method for simultaneous multiresidue determination of nitrophenol derivatives. <i>Analytica Chimica Acta</i> , <b>2007</b> , 600, 155-63	6.6	33
257	Use of liposomes to evaluate the role of membrane interactions on antioxidant activity. <i>Analytica Chimica Acta</i> , <b>2007</b> , 597, 163-70	6.6	33
256	Flow amperometric determination of pharmaceuticals with on-line electrode surface renewal. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2003</b> , 33, 571-80	3.5	33
255	Oxygen and nitrogen reactive species are effectively scavenged by Eucalyptus globulus leaf water extract. <i>Journal of Medicinal Food</i> , <b>2009</b> , 12, 175-83	2.8	32
254	Optimization of experimental settings for the analysis of human neutrophils oxidative burst in vitro. <i>Talanta</i> , <b>2009</b> , 78, 1476-83	6.2	32
253	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> , <b>2003</b> , 86, 3081-3087	2	32
252	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> , <b>2001</b> , 428, 103-109	6.6	32
251	Sequential flow-injection determinations of calcium and magnesium in waters. <i>Analytica Chimica Acta</i> , <b>1986</b> , 179, 503-508	6.6	32
250	Interaction of celecoxib with membranes: the role of membrane biophysics on its therapeutic and toxic effects. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 13608-17	3.4	31
249	Singlet oxygen scavenging activity of non-steroidal anti-inflammatory drugs. <i>Redox Report</i> , <b>2008</b> , 13, 153-60	5.9	31
248	Automatic in vitro determination of hypochlorous acid scavenging capacity exploiting multisyringe flow injection analysis and chemiluminescence. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 3933-9	7.8	31
247	Cyclic voltammetric analysis of 2-styrylchromones: relationship with the antioxidant activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 7939-43	3.4	31
246	Spectrophotometric determination of phytic acid in plant extracts using a multi-pumping flow system. <i>Analytica Chimica Acta</i> , <b>2002</b> , 474, 161-166	6.6	31
245	Electrochemical studies and square wave adsorptive stripping voltammetry of the antidepressant fluoxetine. <i>Talanta</i> , <b>1999</b> , 49, 611-7	6.2	31
244	Multicommutation in flow analysis. Part 3. Spectrophotometric kinetic determination of creatinine in urine exploiting a novel zone sampling approach. <i>Analytica Chimica Acta</i> , <b>1995</b> , 310, 447-452	6.6	31

243	Automated high-throughput <i>Vibrio fischeri</i> assay for (eco)toxicity screening: application to ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , <b>2012</b> , 80, 97-102	7	30
242	Assessing the effects of surfactants on the physical properties of liposome membranes. <i>Chemistry and Physics of Lipids</i> , <b>2007</b> , 146, 94-103	3.7	30
241	Effect of anti-inflammatory drugs on splenocyte membrane fluidity. <i>Analytical Biochemistry</i> , <b>2005</b> , 339, 144-9	3.1	30
240	Characterisation of poly(vinyl chloride) barium ion-selective electrodes without an internal reference solution. <i>Analyst, The</i> , <b>1988</b> , 113, 1023	5	30
239	Anti-inflammatory potential of 2-styrylchromones regarding their interference with arachidonic acid metabolic pathways. <i>Biochemical Pharmacology</i> , <b>2009</b> , 78, 171-7	6	29
238	Multisyringe flow injection system for solid-phase extraction coupled to liquid chromatography using monolithic column for screening of phenolic pollutants. <i>Talanta</i> , <b>2009</b> , 77, 1466-72	6.2	29
237	Exploiting kinetic spectrophotometric determination of captopril, an angiotensin-converting enzyme inhibitor, in a multi-pumping flow system. <i>Analytica Chimica Acta</i> , <b>2007</b> , 600, 183-7	6.6	29
236	A multicommutated flow system with on-line compensation of the Schlieren effect applied to the spectrophotometric determination of pindolol. <i>Analytica Chimica Acta</i> , <b>1998</b> , 366, 209-215	6.6	28
235	Electrochemical oxidation of bentazon at a glassy carbon electrode Application to the determination of a commercial herbicide. <i>Talanta</i> , <b>1998</b> , 46, 1131-5	6.2	28
234	Fluidized beds in flow analysis: use with ion-exchange separation for spectrophotometric determination of zinc in plant digests. <i>Analytical and Bioanalytical Chemistry</i> , <b>2006</b> , 384, 1019-24	4.4	28
233	Sequential injection analysis-based flow system for the enzymatic determination of aspartame. <i>Analytica Chimica Acta</i> , <b>2004</b> , 514, 37-43	6.6	28
232	Interaction of clonixin with EPC liposomes used as membrane models. <i>Journal of Pharmaceutical Sciences</i> , <b>2005</b> , 94, 1277-87	3.9	28
231	Interaction of drugs with hexadecylphosphocholine micelles. Derivative spectroscopy, acidBase and solubility studies. <i>Materials Science and Engineering C</i> , <b>2001</b> , 18, 71-78	8.3	28
230	High-throughput total cupric ion reducing antioxidant capacity of biological samples determined using flow injection analysis and microplate-based methods. <i>Analytical Sciences</i> , <b>2011</b> , 27, 483	1.7	27
229	Sequential potentiometric determination of chloride and nitrate in meat products. <i>Food Chemistry</i> , <b>1997</b> , 59, 305-311	8.5	27
228	Determination of total and oxidized glutathione in human whole blood with a sequential injection analysis system. <i>Talanta</i> , <b>2008</b> , 74, 1511-9	6.2	27
227	Flow methodology for methanol determination in biodiesel exploiting membrane-based extraction. <i>Analytica Chimica Acta</i> , <b>2008</b> , 613, 177-83	6.6	27
226	Multi-pumping flow system for spectrophotometric determination of bromhexine. <i>Analytica Chimica Acta</i> , <b>2003</b> , 499, 107-113	6.6	27

225	A pulsed sequential injection analysis flow system for the fluorimetric determination of indomethacin in pharmaceutical preparations. <i>Analytica Chimica Acta</i> , <b>2005</b> , 539, 173-179	6.6	27
224	Study of partition of nitrazepam in bile salt micelles and the role of lecithin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2001</b> , 24, 595-602	3.5	27
223	Multi-site detection in flow analysis: Part 1. Relocation of spectrophotometric detector. <i>Analytica Chimica Acta</i> , <b>1992</b> , 261, 59-65	6.6	27
222	Cadmium telluride nanocrystals as luminescent sensitizers in flow analysis. <i>Talanta</i> , <b>2011</b> , 84, 1314-7	6.2	26
221	Piezoelectric pumping in flow analysis: Application to the spectrophotometric determination of gabapentin. <i>Analytica Chimica Acta</i> , <b>2007</b> , 600, 14-20	6.6	26
220	Effect of nonsteroidal anti-inflammatory drugs on the cellular membrane fluidity. <i>Journal of Pharmaceutical Sciences</i> , <b>2008</b> , 97, 3195-206	3.9	26
219	Pindolol is a potent scavenger of reactive nitrogen species. <i>Life Sciences</i> , <b>2005</b> , 77, 1983-92	6.8	26
218	Automatic flow system for the sequential determination of copper in serum and urine by flame atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , <b>2006</b> , 555, 370-376	6.6	26
217	Automatic sequential determination of the hydrogen peroxide scavenging activity and evaluation of the antioxidant potential by the 2,2'-azinobis(3-ethylbenzothiazoline-6-sulfonic acid) radical cation assay in wines by sequential injection analysis. <i>Analytica Chimica Acta</i> , <b>2005</b> , 531, 25-32	6.6	26
216	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> , <b>2005</b> , 531, 279-284	6.6	26
215	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> , <b>2001</b> , 90, 31-43	3.5	26
214	Flow-injection analysis of Kjeldahl nitrogen in milk and dairy products by potentiometric detection. <i>Analytica Chimica Acta</i> , <b>1999</b> , 385, 437-441	6.6	26
213	Automatic potentiometric titration in monosegmented flow system exploiting binary search. <i>Analytica Chimica Acta</i> , <b>1999</b> , 387, 165-173	6.6	26
212	Effects of non-steroidal anti-inflammatory drugs on the structure of lipid bilayers: therapeutical aspects. <i>Soft Matter</i> , <b>2011</b> , 7, 3002	3.6	25
211	Estimation of postmortem interval by hypoxanthine and potassium evaluation in vitreous humor with a sequential injection system. <i>Talanta</i> , <b>2009</b> , 79, 1094-9	6.2	25
210	Use of liposomes as membrane models to evaluate the contribution of drug-membrane interactions to antioxidant properties of etodolac. <i>Redox Report</i> , <b>2008</b> , 13, 225-36	5.9	25
209	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> , <b>1991</b> , 9, 1041-6	3.5	25
208	Mixing chambers in flow analysis: A review. <i>Journal of Analytical Chemistry</i> , <b>2009</b> , 64, 524-532	1.1	24

207	Application of sequential injection analysis (SIA) to food analysis. <i>Food Chemistry</i> , <b>2005</b> , 90, 471-490	8.5	24
206	Evaluation of the total antioxidant capacity by using a multipumping flow system with chemiluminescent detection. <i>Analytical Biochemistry</i> , <b>2005</b> , 345, 90-5	3.1	24
205	Acid-base properties and solubility of pindolol, diazepam and chlordiazepoxide in SDS micelles. <i>International Journal of Pharmaceutics</i> , <b>1999</b> , 187, 67-75	6.5	24
204	Construction and evaluation of ion selective electrodes for perchlorate with a summing operational amplifier: application to pyrotechnics mixtures analysis. <i>Analyst, The</i> , <b>1999</b> , 124, 97-100	5	24
203	Multi-site detection in flow analysis. <i>Analytica Chimica Acta</i> , <b>1993</b> , 276, 121-125	6.6	24
202	Multi-pumping flow system for the determination of nitrite and nitrate in water samples. <i>Mikrochimica Acta</i> , <b>2008</b> , 161, 73-79	5.8	23
201	Chemiluminometric determination of carvedilol in a multi-pumping flow system. <i>Talanta</i> , <b>2005</b> , 68, 239-442	4.2	23
200	Standard additions in flow injection analysis based on merging zones and gradient exploitation: application to copper determination in spirits. <i>Analytica Chimica Acta</i> , <b>1996</b> , 319, 153-158	6.6	23
199	Square-wave anodic stripping voltammetry in stationary and flowing solution: a comparative study. <i>Analyst, The</i> , <b>1994</b> , 119, 1229	5	23
198	A phenobarbital ion-selective electrode without an inner reference solution, and its application to pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1990</b> , 8, 701-4	3.5	23
197	Sample preparation in sequential injection analysis. Spectrophotometric determination of total phosphorus in food samples. <i>Analytica Chimica Acta</i> , <b>1998</b> , 371, 57-62	6.6	22
196	Acid/base properties of beta-blockers and benzodiazepines in sodium dodecyl sulfate micelles. A spectrophotometric and potentiometric study. <i>Journal of Pharmaceutical Sciences</i> , <b>1998</b> , 87, 356-9	3.9	22
195	Dual-stopped-flow spectrophotometric determination of amiloride hydrochloride in a multicommutated flow system. <i>Analytica Chimica Acta</i> , <b>2000</b> , 407, 225-231	6.6	22
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49	Exploitation of micellar medium for photochemical-spectrofluorimetric flow-injection determination of fenvalerate. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>1999</b> , 34, 143-148		6
48	Potentiometric determination of formation constants of copper(II)/bile acid/peptide in aqueous solution. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1995</b> , 13, 465-70	3.5	6
47	Tubular detectors for flow-injection potentiometric determination of tetrafluoroborate in electroplating baths. <i>Analytica Chimica Acta</i> , <b>1994</b> , 293, 35-41	6.6	6
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45	Optimal design of an enzymatic reactor for flow injection analysis. <i>Biotechnology Progress</i> , <b>1993</b> , 9, 473-808	6	6
44	Flow injection system based on the sandwich technique for saving expensive reagents. <i>Clinica Chimica Acta</i> , <b>1991</b> , 203, 67-76	6.2	6
43	Screening of sulfonamides in waters based on miniaturized solid phase extraction and microplate spectrophotometric detection. <i>Analytical Methods</i> , <b>2018</b> , 10, 690-696	3.2	5
42	Sequential injection analysis system with spectrophotometric detection for determination of norfloxacin and ciprofloxacin in pharmaceutical formulations. <i>Quimica Nova</i> , <b>2011</b> , 34, 256-261	1.6	5
41	Determination of Ofloxacin in Pharmaceuticals, Human Urine and Serum Using a Potentiometric Sensor. <i>Electroanalysis</i> , <b>2011</b> , 23, 1013-1022	3	5
40	Exploitation of a single interface flow system for on-line aqueous biphasic extraction. <i>Talanta</i> , <b>2010</b> , 81, 1847-51	6.2	5
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34	Application of poly(vinyl chloride) pilocarpine membrane electrodes in ophthalmic products. <i>Analyst, The</i> , <b>1994</b> , 119, 2327-2330	5	5
33	Flow Injection Sequential Determination of Chloride by Potentiometry and Sodium by Flame Emission Spectrometry in Instant Soups.. <i>Analytical Sciences</i> , <b>1994</b> , 10, 801-805	1.7	5
32	Quinidine ion-selective electrode for potentiometric determinations in pharmaceutical preparations. <i>Analytica Chimica Acta</i> , <b>1993</b> , 283, 657-661	6.6	5
31	Automatic multi-pumping flow system for the chemiluminometric screening of scavenging capacity against singlet oxygen. <i>Analytical Sciences</i> , <b>2011</b> , 27, 827-32	1.7	4
30	Single interface flow system with potentiometric detection for the determination of nitrate in water and vegetables. <i>Talanta</i> , <b>2010</b> , 80, 1326-32	6.2	4
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25	Determination of fluoride in Spanish vinegars. <i>Food Chemistry</i> , <b>1992</b> , 45, 365-367	8.5	4
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