

Jos LFC Lima

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6657597/jose-lfc-lima-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

332
papers

11,096
citations

48
h-index

87
g-index

333
ext. papers

11,820
ext. citations

5
avg, IF

6.11
L-index

#	Paper	IF	Citations
332	Screening of sulfonamides in waters based on miniaturized solid phase extraction and microplate spectrophotometric detection. <i>Analytical Methods</i> , 2018 , 10, 690-696	3.2	5
331	Micro-bead injection spectroscopy for label-free automated determination of immunoglobulin G in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 981-988	4.4	7
330	Chlorinated Flavonoids Modulate the Inflammatory Process in Human Blood. <i>Inflammation</i> , 2017 , 40, 1155-1165	5.1	7
329	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	5.1	17
328	Daunorubicin and doxorubicin molecular interplay with 2D membrane models. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 160, 610-618	6	15
327	Recent developments, characteristics and potential applications of screen-printed electrodes in pharmaceutical and biological analysis. <i>Talanta</i> , 2016 , 146, 801-14	6.2	142
326	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	15
325	Programmable flow system for automation of oxygen radical absorbance capacity assay using pyrogallol red for estimation of antioxidant reactivity. <i>Talanta</i> , 2016 , 150, 599-606	6.2	14
324	On-line automated evaluation of lipid nanoparticles transdermal permeation using Franz diffusion cell and low-pressure chromatography. <i>Talanta</i> , 2016 , 146, 369-74	6.2	13
323	Solanum diploconos fruits: profile of bioactive compounds and in vitro antioxidant capacity of different parts of the fruit. <i>Food and Function</i> , 2016 , 7, 2249-57	6.1	10
322	An eco-friendly method for analysis of sulfonamides in water samples using a multi-pumping system. <i>Canadian Journal of Chemistry</i> , 2016 , 94, 812-817	0.9	2
321	Proinflammatory Pathways: The Modulation by Flavonoids. <i>Medicinal Research Reviews</i> , 2015 , 35, 877-936	4.4	65
320	Flavonoids inhibit COX-1 and COX-2 enzymes and cytokine/chemokine production in human whole blood. <i>Inflammation</i> , 2015 , 38, 858-70	5.1	55
319	Sequential injection technique as a tool for the automatic synthesis of silver nanoparticles in a greener way. <i>Talanta</i> , 2015 , 133, 45-51	6.2	12
318	A simple and rapid screening method for sulfonamides in honey using a flow injection system coupled to a liquid waveguide capillary cell. <i>Talanta</i> , 2014 , 121, 281-7	6.2	16
317	Synchrotron small angle X-ray scattering for the evaluation of the interaction of silica nanotubes with lipid membranes. <i>RSC Advances</i> , 2013 , 3, 10323	3.7	1
316	LaccaseBiosilica nanostructures [A miniaturized automatic approach. <i>Canadian Journal of Chemistry</i> , 2013 , 91, 113-119	0.9	3

315	Insights about Tocopherol and Trolox interaction with phosphatidylcholine monolayers under peroxidation conditions through Brewster angle microscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 111, 626-35	6	12
314	Ofloxacin determination in urine, serum and pharmaceuticals using an automatic flow potentiometric system. <i>Analytical Sciences</i> , 2013 , 29, 893-8	1.7	6
313	Novel resveratrol nanodelivery systems based on lipid nanoparticles to enhance its oral bioavailability. <i>International Journal of Nanomedicine</i> , 2013 , 8, 177-87	7.3	160
312	Trypsin activity in imidazolium based ionic liquids: evaluation of free and immobilized enzyme. <i>Journal of Molecular Liquids</i> , 2012 , 171, 16-22	6	17
311	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, 13608-17	3.4	31
310	Galactosidase activity in mixed micelles of imidazolium ionic liquids and sodium dodecylsulfate: A sequential injection kinetic study. <i>Talanta</i> , 2012 , 96, 26-33	6.2	13
309	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	7	30
308	Automatic miniaturized flow methodology with in-line solid-phase extraction for quinine determination in biological samples. <i>Analytical Methods</i> , 2012 , 4, 1681	3.2	2
307	Molecular interaction of Rifabutin on model lung surfactant monolayers. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 11635-45	3.4	12
306	Automated solid-phase spectrophotometric system for optosensing of bromate in drinking waters. <i>Analytical Methods</i> , 2012 , 4, 1229	3.2	14
305	An Automated Single Interface Flow System for the Spectrophotometric Determination of Ethanol in Beverages Based on Schlieren Effect. <i>Food Analytical Methods</i> , 2012 , 5, 867-873	3.4	9
304	pH sensitive silica nanotubes as rationally designed vehicles for NSAIDs delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 94, 288-95	6	19
303	Mathematical Simulation of Signal Profiles in Flow Analysis. <i>Analytical Letters</i> , 2012 , 45, 85-98	2.2	2
302	Sequential Injection Analysis Hyphenated with Other Flow Techniques: A Review. <i>Analytical Letters</i> , 2011 , 44, 374-397	2.2	11
301	Lipid-drug interaction: biophysical effects of tolmetin on membrane mimetic systems of different dimensionality. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 12615-23	3.4	48
300	Universal approach for mesofluidic handling of bead suspensions in lab-on-valve format. <i>Talanta</i> , 2011 , 84, 846-52	6.2	13
299	A reagent-free method based on a photo-induced fluorimetry in a sequential injection system. <i>Talanta</i> , 2011 , 84, 1309-13	6.2	7
298	Cadmium telluride nanocrystals as luminescent sensitizers in flow analysis. <i>Talanta</i> , 2011 , 84, 1314-7	6.2	26

297	Sequential injection analysis system with spectrophotometric detection for determination of norfloxacin and ciprofloxacin in pharmaceutical formulations. <i>Quimica Nova</i> , 2011 , 34, 256-261	1.6	5
296	Determination of glyphosate in water samples by multi-pumping flow system coupled to a liquid waveguide capillary cell. <i>Analytical Sciences</i> , 2011 , 27, 1031-6	1.7	12
295	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	1.7	27
294	Automatic multi-pumping flow system for the chemiluminometric screening of scavenging capacity against singlet oxygen. <i>Analytical Sciences</i> , 2011 , 27, 827-32	1.7	4
293	Changes in PLA(2) activity after interacting with anti-inflammatory drugs and model membranes: evidence for the involvement of tryptophan residues. <i>Chemistry and Physics of Lipids</i> , 2011 , 164, 292-9	3.7	12
292	Highly integrated flow assembly for automated dynamic extraction and determination of readily bioaccessible chromium(VI) in soils exploiting carbon nanoparticle-based solid-phase extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 2217-27	4.4	21
291	Automatic flow methodology for kinetic and inhibition studies of reactions with poorly water-soluble substrates in ionic liquid systems. <i>Analytica Chimica Acta</i> , 2011 , 690, 101-7	6.6	8
290	Determination of Ofloxacin in Pharmaceuticals, Human Urine and Serum Using a Potentiometric Sensor. <i>Electroanalysis</i> , 2011 , 23, 1013-1022	3	5
289	In vitro scavenging capacity of annatto seed extracts against reactive oxygen and nitrogen species. <i>Food Chemistry</i> , 2011 , 127, 419-26	8.5	88
288	Sequential Injection Chemiluminescence Methodology for Ozone Evaluation. <i>Analytical Letters</i> , 2011 , 44, 117-126	2.2	1
287	Spectrophotometric Determination of Bromate in Water Using Multisyringe Flow Injection Analysis. <i>Analytical Letters</i> , 2011 , 44, 284-297	2.2	15
286	Synchrotron SAXS and WAXS study of the interactions of NSAIDs with lipid membranes. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 8024-32	3.4	41
285	Automatic flow system for evaluation of polystyrene-divinylbenzene sorbents applied to preconcentration of phenolic pollutants. <i>International Journal of Environmental Analytical Chemistry</i> , 2011 , 91, 884-899	1.8	1
284	NSAIDs interactions with membranes: a biophysical approach. <i>Langmuir</i> , 2011 , 27, 10847-58	4	77
283	Effects of non-steroidal anti-inflammatory drugs on the structure of lipid bilayers: therapeutical aspects. <i>Soft Matter</i> , 2011 , 7, 3002	3.6	25
282	Enzyme based assays in a sequential injection format: a review. <i>Analytica Chimica Acta</i> , 2011 , 689, 160-776.6		42
281	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, 193-7	6.6	44
280	Ciprofloxacin and Norfloxacin Spectrophotometric Determination in a Fully Automated Multi-Pumping Flow System. <i>Analytical Letters</i> , 2011 , 44, 2074-2084	2.2	8

279	High-throughput microplate assay for the determination of drug partition coefficients. <i>Nature Protocols</i> , 2010 , 5, 1823-30	18.8	56
278	Biological activities of 2-styrylchromones. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010 , 10, 1-7	3.2	33
277	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, 259-67	5.9	41
276	Drug-membrane interactions: significance for medicinal chemistry. <i>Current Medicinal Chemistry</i> , 2010 , 17, 1795-809	4.3	110
275	Single interface flow system with potentiometric detection for the determination of nitrate in water and vegetables. <i>Talanta</i> , 2010 , 80, 1326-32	6.2	4
274	Sequential injections as an alternative to gradient exploitation for implementing differential kinetic analysis in a flow injection system. <i>Talanta</i> , 2010 , 81, 1409-12	6.2	7
273	Hydrogen peroxide, antioxidant compounds and biological targets: an in vitro approach for determination of scavenging capacity using fluorimetric multisyringe flow injection analysis. <i>Talanta</i> , 2010 , 81, 1840-6	6.2	3
272	Exploitation of a single interface flow system for on-line aqueous biphasic extraction. <i>Talanta</i> , 2010 , 81, 1847-51	6.2	5
271	Rapid microplate high-throughput methodology for assessment of Folin-Ciocalteu reducing capacity. <i>Talanta</i> , 2010 , 83, 441-7	6.2	92
270	Flow Injection Analysis with Immobilized Enzymes in Nonaqueous Media. <i>Current Analytical Chemistry</i> , 2010 , 6, 193-202	1.7	3
269	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	4.4	35
268	Fully automatic flow method for the determination of scavenging capacity against nitric oxide radicals. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 3005-14	4.4	8
267	Automated determination of diazepam in spiked alcoholic beverages associated with drug-facilitated crimes. <i>Analytica Chimica Acta</i> , 2010 , 668, 67-73	6.6	15
266	Mathematical modeling of dispersion in single interface flow analysis. <i>Analytica Chimica Acta</i> , 2010 , 663, 178-83	6.6	
265	A biophysical approach to phospholipase A2 activity and inhibition by anti-inflammatory drugs. <i>Biophysical Chemistry</i> , 2010 , 152, 109-17	3.5	13
264	Diazepam fluorimetric monitoring upon photo-degradation in an automatic miniaturized flow system. <i>Journal of Fluorescence</i> , 2010 , 20, 915-22	2.4	4
263	Zinc activates neutrophils Poxidative burst. <i>BioMetals</i> , 2010 , 23, 31-41	3.4	16
262	Single interface flow analysis with accuracy assessment. <i>Microchemical Journal</i> , 2010 , 94, 60-64	4.8	6

261	Metal-induced oxidative burst in isolated human neutrophils. <i>Microchemical Journal</i> , 2010 , 96, 167-171	4.8	4
260	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, 3575-82	4.5	45
259	A thionine-based reversible redox sensor in a sequential injection system. <i>Analytica Chimica Acta</i> , 2010 , 668, 41-6	6.6	9
258	Effects of resveratrol on membrane biophysical properties: relevance for its pharmacological effects. <i>Chemistry and Physics of Lipids</i> , 2010 , 163, 747-54	3.7	78
257	Oxygen and nitrogen reactive species are effectively scavenged by Eucalyptus globulus leaf water extract. <i>Journal of Medicinal Food</i> , 2009 , 12, 175-83	2.8	32
256	Indirect Sequential Injection Enzymatic Determination of Allopurinol in Pharmaceuticals Based on Xanthine Oxidase Inhibition. <i>Spectroscopy Letters</i> , 2009 , 42, 341-350	1.1	2
255	Anti-inflammatory potential of 2-styrylchromones regarding their interference with arachidonic acid metabolic pathways. <i>Biochemical Pharmacology</i> , 2009 , 78, 171-7	6	29
254	Optical probes for detection and quantification of neutrophils oxidative burst. A review. <i>Analytica Chimica Acta</i> , 2009 , 649, 8-23	6.6	126
253	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	3.2	65
252	Multisyringe flow injection analysis system for automation of standard addition calibration method. <i>Microchemical Journal</i> , 2009 , 92, 180-185	4.8	5
251	Multi-syringe flow-injection systems improve antioxidant assessment. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 952-960	14.6	11
250	Effect of anti-inflammatory drugs in phosphatidylcholine membranes: A fluorescence and calorimetric study. <i>Chemical Physics Letters</i> , 2009 , 471, 300-309	2.5	39
249	Synthesis and antioxidant properties of new chromone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7218-26	3.4	51
248	Liquid-liquid extraction in flow analysis: A critical review. <i>Analytica Chimica Acta</i> , 2009 , 652, 54-65	6.6	124
247	Mixing chambers in flow analysis: A review. <i>Journal of Analytical Chemistry</i> , 2009 , 64, 524-532	1.1	24
246	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, 1466-72	6.2	29
245	Flow injection based methods for fast screening of antioxidant capacity. <i>Talanta</i> , 2009 , 77, 1559-66	6.2	57
244	Exploiting pi-acceptors for the determination of thyroid hormones (T3 and T4) using a single interface flow system. <i>Talanta</i> , 2009 , 79, 1177-80	6.2	5

243	Evidences of turbulent mixing in multi-pumping flow systems. <i>Talanta</i> , 2009 , 79, 978-83	6.2	18
242	Automatic flow injection based methodologies for determination of scavenging capacity against biologically relevant reactive species of oxygen and nitrogen. <i>Talanta</i> , 2009 , 78, 1219-26	6.2	18
241	Spectrophotometric FIA methods for determination of hydrogen peroxide: application to evaluation of scavenging capacity. <i>Talanta</i> , 2009 , 79, 1169-76	6.2	19
240	Optimization of experimental settings for the analysis of human neutrophils oxidative burst in vitro. <i>Talanta</i> , 2009 , 78, 1476-83	6.2	32
239	Exploiting the oxidative coupling reaction of MBTH for indapamide determination. <i>Talanta</i> , 2009 , 79, 1161-8	6.2	7
238	Estimation of postmortem interval by hypoxanthine and potassium evaluation in vitreous humor with a sequential injection system. <i>Talanta</i> , 2009 , 79, 1094-9	6.2	25
237	Sequential injection system for phospholipase A2 activity evaluation: studies on liposomes using an environment-sensitive fluorescent probe. <i>Talanta</i> , 2009 , 79, 1125-9	6.2	2
236	Interfacing multisyringe flow injection analysis to flame atomic emission spectrometry: an intelligent system for automatic sample dilution and determination of potassium. <i>Journal of Analytical Atomic Spectrometry</i> , 2009 , 24, 340-346	3.7	12
235	Sequential injection fluorimetric determination of Sn in juices of canned fruits. <i>Talanta</i> , 2009 , 79, 1100-36.2		17
234	Enzymatic determination of glucose in milk samples by sequential injection analysis. <i>Analytical Sciences</i> , 2009 , 25, 687-92	1.7	6
233	Exploiting Pulsed Flows for Heating Improvement: Application to Determination of Total Reducing Sugars in Molasses and Sugar-Cane Juices. <i>Current Analytical Chemistry</i> , 2009 , 5, 65-69	1.7	6
232	Determination of total and oxidized glutathione in human whole blood with a sequential injection analysis system. <i>Talanta</i> , 2008 , 74, 1511-9	6.2	27
231	Sequential injection analysis as a tool for implementation of enzymatic assays in ionic liquids. <i>Talanta</i> , 2008 , 77, 479-483	6.2	21
230	Single reaction interface flow system for chemiluminescent monitoring of mannitol based on its hydroxyl radical scavenger activity. <i>Talanta</i> , 2008 , 77, 518-521	6.2	9
229	Enzymatic oxidation in aqueous and micellar media based on horseradish peroxidase-hydrogen peroxide system using a SIA manifold. <i>Talanta</i> , 2008 , 77, 484-489	6.2	3
228	Interactions of sulindac and its metabolites with phospholipid membranes: an explanation for the peroxidation protective effect of the bioactive metabolite. <i>Free Radical Research</i> , 2008 , 42, 639-50	4	12
227	Binding of nonsteroidal anti-inflammatory drugs to DPPC: structure and thermodynamic aspects. <i>Langmuir</i> , 2008 , 24, 4132-9	4	67
226	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, 225-36	5.9	25

225	Singlet oxygen scavenging activity of non-steroidal anti-inflammatory drugs. <i>Redox Report</i> , 2008 , 13, 153-60	5.9	31
224	Automatic Multipumping Flow System for Handling Viscous Solutions: Application to the Spectrophotometric Determination of Trimipramine. <i>Analytical Letters</i> , 2008 , 41, 2684-2696	2.2	3
223	Molecular mechanisms of anti-inflammatory activity mediated by flavonoids. <i>Current Medicinal Chemistry</i> , 2008 , 15, 1586-605	4.3	134
222	Oxidoreductase behavior in ionic liquids: a review. <i>Analytical Sciences</i> , 2008 , 24, 1231-8	1.7	47
221	Direct introduction of slurry samples in multi-syringe flow injection analysis: determination of potassium in plant samples. <i>Analytical Sciences</i> , 2008 , 24, 601-6	1.7	3
220	Simultaneous chemiluminometric determination of levodopa and benserazide in a multi-pumping flow system with multivariate calibration. <i>Analytical Sciences</i> , 2008 , 24, 985-91	1.7	13
219	In situ near Infrared Monitoring of Activated Dairy Sludge Wastewater Treatment Processes. <i>Journal of Near Infrared Spectroscopy</i> , 2008 , 16, 409-419	1.5	16
218	Methodological aspects about in vitro evaluation of antioxidant properties. <i>Analytica Chimica Acta</i> , 2008 , 613, 1-19	6.6	483
217	Multi-commutation in flow analysis: recent developments and applications. <i>Analytica Chimica Acta</i> , 2008 , 618, 1-17	6.6	49
216	Isolation and activation of human neutrophils in vitro. The importance of the anticoagulant used during blood collection. <i>Clinical Biochemistry</i> , 2008 , 41, 570-5	3.5	84
215	Multi-pumping flow system for the determination of nitrite and nitrate in water samples. <i>Mikrochimica Acta</i> , 2008 , 161, 73-79	5.8	23
214	Effect of nonsteroidal anti-inflammatory drugs on the cellular membrane fluidity. <i>Journal of Pharmaceutical Sciences</i> , 2008 , 97, 3195-206	3.9	26
213	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	6.7	48
212	Cyclic voltammetric analysis of 2-styrylchromones: relationship with the antioxidant activity. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 7939-43	3.4	31
211	Flow methodology for methanol determination in biodiesel exploiting membrane-based extraction. <i>Analytica Chimica Acta</i> , 2008 , 613, 177-83	6.6	27
210	Walnut (<i>Juglans regia</i>) leaf extracts are strong scavengers of pro-oxidant reactive species. <i>Food Chemistry</i> , 2008 , 106, 1014-1020	8.5	85
209	Automatic in vitro determination of hypochlorous acid scavenging capacity exploiting multisyringe flow injection analysis and chemiluminescence. <i>Analytical Chemistry</i> , 2007 , 79, 3933-9	7.8	31
208	2-Styrylchromones: novel strong scavengers of reactive oxygen and nitrogen species. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 6027-36	3.4	103

207	Assessing the effects of surfactants on the physical properties of liposome membranes. <i>Chemistry and Physics of Lipids</i> , 2007 , 146, 94-103	3.7	30
206	Development of a tubular fluoride potentiometric detector for flow analysis: evaluation and analytical applications. <i>Analytica Chimica Acta</i> , 2007 , 583, 429-36	6.6	16
205	Piezoelectric pumping in flow analysis: Application to the spectrophotometric determination of gabapentin. <i>Analytica Chimica Acta</i> , 2007 , 600, 14-20	6.6	26
204	Multi-pumping flow systems: the potential of simplicity. <i>Analytica Chimica Acta</i> , 2007 , 600, 21-8	6.6	42
203	Flow-through solid-phase reflectometric method for simultaneous multiresidue determination of nitrophenol derivatives. <i>Analytica Chimica Acta</i> , 2007 , 600, 155-63	6.6	33
202	Exploiting kinetic spectrophotometric determination of captopril, an angiotensin-converting enzyme inhibitor, in a multi-pumping flow system. <i>Analytica Chimica Acta</i> , 2007 , 600, 183-7	6.6	29
201	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. <i>Analytica Chimica Acta</i> , 2007 , 600, 226-32	6.6	9
200	Flow-injection determination of total organic fluorine with off-line defluorination reaction on a solid sorbent bed. <i>Analytica Chimica Acta</i> , 2007 , 600, 147-54	6.6	12
199	Automatic flow system for sequential determination of ABTS*+ scavenging capacity and Folin-Ciocalteu index: a comparative study in food products. <i>Analytica Chimica Acta</i> , 2007 , 592, 193-201	6.6	19
198	Use of liposomes to evaluate the role of membrane interactions on antioxidant activity. <i>Analytica Chimica Acta</i> , 2007 , 597, 163-70	6.6	33
197	Tungsten recovery from alkaline leach solutions as synthetic scheelite. <i>Hydrometallurgy</i> , 2007 , 85, 110-115	6.6	19
196	Beta-blockers and benzodiazepines location in SDS and bile salt micellar systems. An ESR study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 45, 62-69	3.5	11
195	New noncellular fluorescence microplate screening assay for scavenging activity against singlet oxygen. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 2071-81	4.4	45
194	A critical comparison of analytical flow systems exploiting streamlined and pulsed flows. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 388, 1303-10	4.4	18
193	Multi-syringe flow injection system for the determination of the scavenging capacity of the diphenylpicrylhydrazyl radical in methanol and ethanolic media. <i>Mikrochimica Acta</i> , 2007 , 157, 113-118	5.8	5
192	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> , 2007 , 45, 47-53	3.5	38
191	Sequential Injection Spectrophotometric Determination of Metoclopramide in Pharmaceutical Preparations. <i>Spectroscopy Letters</i> , 2007 , 40, 51-61	1.1	6
190	A multipumping flow system for in vitro screening of peroxynitrite scavengers. <i>Journal of Biomolecular Screening</i> , 2007 , 12, 875-80		6

189	A Multicommutated Flow System Based on an Opened-Loop with Micropump Propulsion. <i>Analytical Letters</i> , 2007 , 40, 1632-1645	2.2	3
188	Voltammetric determination of food colorants using a polyallylamine modified tubular electrode in a multicommutated flow system. <i>Talanta</i> , 2007 , 72, 282-8	6.2	84
187	Multipumping Flow Systems: An Alternative Approach to Sample Handling in Spectroscopy Measurements. <i>Spectroscopy Letters</i> , 2007 , 40, 41-50	1.1	10
186	Application of Pulsed Flow Analysis for Chemiluminescent Screening of Fluoxetine Counterfeit Pharmaceuticals. <i>Analytical Letters</i> , 2007 , 40, 2241-2251	2.2	5
185	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, 1019-24	4.4	28
184	Inhibition of human neutrophil oxidative burst by pyrazolone derivatives. <i>Free Radical Biology and Medicine</i> , 2006 , 40, 632-40	7.8	120
183	Fully Automated Spectrophotometric Method for the Determination of Buspirone in Pharmaceutical Preparations. <i>Analytical Letters</i> , 2006 , 39, 2243-2253	2.2	6
182	Tubular potentiometric detector used to determine As(V) in sediment extracts by flow injection. <i>International Journal of Environmental Analytical Chemistry</i> , 2006 , 86, 563-572	1.8	2
181	Kinetic enzymatic determination of glycerol in wine and beer using a sequential injection system with spectrophotometric detection. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 4136-40	5.7	11
180	Antioxidant profile of dihydroxy- and trihydroxyphenolic acids--a structure-activity relationship study. <i>Free Radical Research</i> , 2006 , 40, 433-42	4	111
179	Automatic method for the determination of Folin-Ciocalteu reducing capacity in food products. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 5241-6	5.7	52
178	Fluorimetric determination of aminocaproic acid in pharmaceutical formulations using a sequential injection analysis system. <i>Talanta</i> , 2006 , 68, 857-62	6.2	15
177	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, 1659-70	2.3	47
176	A flow sampling strategy for the analysis of oil samples without pre-treatment in a sequential injection analysis system. <i>Analytica Chimica Acta</i> , 2006 , 555, 377-383	6.6	19
175	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	6.6	26
174	Automatic method for determination of total antioxidant capacity using 2,2-diphenyl-1-picrylhydrazyl assay. <i>Analytica Chimica Acta</i> , 2006 , 558, 310-318	6.6	59
173	Antioxidant activity of beta-blockers: an effect mediated by scavenging reactive oxygen and nitrogen species?. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 4568-77	3.4	67
172	Potentiometric multi-syringe flow injection system for determination of exchangeable potassium in soils with in-line extraction. <i>Microchemical Journal</i> , 2006 , 83, 75-80	4.8	10

171	Use of fluorescence probes for detection of reactive nitrogen species: a review. <i>Journal of Fluorescence</i> , 2006 , 16, 119-39	2.4	139
170	Hydrogen peroxide scavenging activity by non-steroidal anti-inflammatory drugs. <i>Life Sciences</i> , 2005 , 76, 2841-8	6.8	51
169	Pindolol is a potent scavenger of reactive nitrogen species. <i>Life Sciences</i> , 2005 , 77, 1983-92	6.8	26
168	Spectrophotometric determination of iron and boron in soil extracts using a multi-syringe flow injection system. <i>Talanta</i> , 2005 , 66, 703-11	6.2	61
167	Potentiometric studies on the complexation of copper(II) by phenolic acids as discrete ligand models of humic substances. <i>Talanta</i> , 2005 , 66, 670-3	6.2	38
166	Sensitive sequential injection determination of naproxen based on interaction with beta-cyclodextrin. <i>Talanta</i> , 2005 , 68, 226-30	6.2	16
165	Chemiluminometric determination of carvedilol in a multi-pumping flow system. <i>Talanta</i> , 2005 , 68, 239-442	6.2	23
164	Single reaction interface in flow analysis. <i>Talanta</i> , 2005 , 68, 351-8	6.2	11
163	Determination of ambroxol in an automated multi-pumping pulsed flow system. <i>Analytical Sciences</i> , 2005 , 21, 461-4	1.7	7
162	Application of sequential injection analysis to the determination of cationic surfactants based on the sensitized molybdenum-bromopyrogallol red reaction. <i>Analytical Sciences</i> , 2005 , 21, 1509-14	1.7	8
161	Chemiluminometric determination of propranolol in an automated multicommutated flow system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 39, 886-91	3.5	18
160	Application of sequential injection analysis (SIA) to food analysis. <i>Food Chemistry</i> , 2005 , 90, 471-490	8.5	24
159	Flow-injection systems with multi-site detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2005 , 24, 880-886	14.6	9
158	Effect of anti-inflammatory drugs on splenocyte membrane fluidity. <i>Analytical Biochemistry</i> , 2005 , 339, 144-9	3.1	30
157	Evaluation of the total antioxidant capacity by using a multipumping flow system with chemiluminescent detection. <i>Analytical Biochemistry</i> , 2005 , 345, 90-5	3.1	24
156	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> , 2005 , 531, 25-32	6.6	26
155	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	6.6	26
154	Sample introduction in multi-syringe flow injection systems: comparison between time-based and volume-based strategies. <i>Analytica Chimica Acta</i> , 2005 , 537, 207-214	6.6	17

153	Construction and evaluation of As(V) selective electrodes based on iron oxyhydroxide embedded in silica gel membrane. <i>Analytica Chimica Acta</i> , 2005 , 539, 229-236	6.6	10
152	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	6.6	27
151	Fluorescence probes used for detection of reactive oxygen species. <i>Journal of Proteomics</i> , 2005 , 65, 45-80		1266
150	Structure-property studies on the antioxidant activity of flavonoids present in diet. <i>Free Radical Biology and Medicine</i> , 2005 , 39, 1099-108	7.8	125
149	Interaction of clonixin with EPC liposomes used as membrane models. <i>Journal of Pharmaceutical Sciences</i> , 2005 , 94, 1277-87	3.9	28
148	A catalytic multi-pumping flow system for the chemiluminometric determination of metformin. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 452-7	4.4	11
147	Effects of diclofenac on EPC liposome membrane properties. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 1256-64	4.4	37
146	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	5.8	21
145	Multi-syringe flow injection system for the determination of available phosphorus in soil samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2005 , 85, 51-62	1.8	7
144	An enzymatic flow analysis methodology for the determination of nitrates and nitrites in waters. <i>International Journal of Environmental Analytical Chemistry</i> , 2005 , 85, 29-40	1.8	4
143	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, 1895-905	7.8	134
142	Automatic flow procedure for the determination of glycerol in wine using enzymatic reaction and spectrophotometry. <i>Microchemical Journal</i> , 2004 , 77, 107-112	4.8	16
141	Reagent generation for chemical analysis assisted by ultrasonic irradiation. <i>Ultrasonics</i> , 2004 , 42, 585-90	3.5	7
140	Noninvasive methods to determine the critical micelle concentration of some bile acid salts. <i>Analytical Biochemistry</i> , 2004 , 334, 117-26	3.1	128
139	Automatic flow systems based on sequential injection analysis for routine determinations in wines. <i>Analytica Chimica Acta</i> , 2004 , 513, 3-9	6.6	15
138	Sequential injection analysis-based flow system for the enzymatic determination of aspartame. <i>Analytica Chimica Acta</i> , 2004 , 514, 37-43	6.6	28
137	Multicommutated flow system for the chemiluminometric determination of clomipramine in pharmaceutical preparations. <i>Analytica Chimica Acta</i> , 2004 , 518, 31-36	6.6	20
136	Influence of some anti-inflammatory drugs in membrane fluidity studied by fluorescence anisotropy measurements. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 1493-1498	3.6	42

135	Determination of aluminum(III) in crystallized fruit samples using a multicommutated flow system. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 2450-4	5.7	12
134	Electrochemical Methods in Pesticides Control. <i>Analytical Letters</i> , 2004 , 37, 1755-1791	2.2	43
133	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, 369-77	4	54
132	Multi-syringe flow injection system with in-line microwave digestion for the determination of phosphorus. <i>Talanta</i> , 2004 , 64, 1283-9	6.2	18
131	Multi-pumping flow systems: an automation tool. <i>Talanta</i> , 2004 , 64, 1091-8	6.2	86
130	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	8.5	34
129	Sampling strategies exploiting multi-pumping flow systems. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 375, 1234-9	4.4	7
128	Partition and location of nimesulide in EPC liposomes: a spectrophotometric and fluorescence study. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 377, 293-8	4.4	49
127	The metabolism of sulindac enhances its scavenging activity against reactive oxygen and nitrogen species. <i>Free Radical Biology and Medicine</i> , 2003 , 35, 1008-17	7.8	53
126	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	2	32
125	Multi-pumping flow system for spectrophotometric determination of bromhexine. <i>Analytica Chimica Acta</i> , 2003 , 499, 107-113	6.6	27
124	Multi-pumping flow system for the spectrophotometric determination of dipyrone in pharmaceutical preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 32, 1011-7	3.5	21
123	Flow amperometric determination of pharmaceuticals with on-line electrode surface renewal. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 33, 571-80	3.5	33
122	Trimipramine determination in pharmaceutical preparations with an automated multicommutated reversed-flow system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 33, 903-10	3.5	9
121	An automatic flow procedure for the determination of 3-hydroxybutyrate in animal serum and plasma. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 2457-60	5.7	8
120	Sequential injection analysis of nitrites and nitrates in human serum using nitrate reductase. <i>Clinica Chimica Acta</i> , 2003 , 337, 69-76	6.2	20
119	Electrochemical and spectroscopic studies of the oxidation mechanism of the herbicide propanil. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 876-9	5.7	11
118	Automatic potentiometric flow titration procedure for ascorbic acid determination in pharmaceutical formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 28, 1221-5	3.5	21

117	Automated spectrophotometric determination of clomipramine on a multicommutated flow system. <i>Analytica Chimica Acta</i> , 2002 , 467, 75-81	6.6	13
116	Determination of chloride by multisyringe flow injection analysis and sequential injection analysis with potentiometric detection. <i>Analytica Chimica Acta</i> , 2002 , 467, 25-33	6.6	15
115	Multi-pumping in flow analysis: concepts, instrumentation, potentialities. <i>Analytica Chimica Acta</i> , 2002 , 466, 125-132	6.6	164
114	Multicommutation in flow analysis: concepts, applications and trends. <i>Analytica Chimica Acta</i> , 2002 , 468, 119-131	6.6	169
113	Spectrophotometric determination of phytic acid in plant extracts using a multi-pumping flow system. <i>Analytica Chimica Acta</i> , 2002 , 474, 161-166	6.6	31
112	Automatic flow system with voltammetric detection for diacetyl monitoring during brewing process. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 3647-53	5.7	21
111	Interaction of Grepafloxacin with Large Unilamellar Liposomes: Partition and Fluorescence Studies Reveal the Importance of Charge Interactions. <i>Langmuir</i> , 2002 , 18, 10231-10236	4	37
110	Potentiometric flow injection determination of glycerol in distilled spirits. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 74-7	5.7	10
109	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	3.5	26
108	Derivative spectrophotometry as a tool for the determination of drug partition coefficients in water/dimyristoyl-L-alpha-phosphatidylglycerol (DMPG) liposomes. <i>Biophysical Chemistry</i> , 2001 , 94, 97-106	3.5	44
107	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	3.5	27
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	8.3	28
105	Spectrophotometric determination of drug partition coefficients in dimyristoyl-L-phosphatidylcholine/water: a comparative study using phase separation and liposome suspensions. <i>Analytica Chimica Acta</i> , 2001 , 428, 103-109	6.6	32
104	Automatic flow titrator based on a multicommutated unsegmented flow system for alkalinity monitoring in wastewaters. <i>Analytica Chimica Acta</i> , 2001 , 438, 291-298	6.6	12
103	Electrochemical oxidation of propanil and related N-substituted amides. <i>Analytica Chimica Acta</i> , 2001 , 434, 35-41	6.6	21
102	Fluorimetric determination of isoniazid by oxidation with cerium(IV) in a multicommutated flow system. <i>Analytica Chimica Acta</i> , 2000 , 419, 17-23	6.6	66
101	Calibration of pH glass electrodes by direct strong acid/strong base titrations under dilute conditions. <i>Analytica Chimica Acta</i> , 2000 , 405, 167-172	6.6	40
100	An automatic titrator based on a multicommutated unsegmented flow system: Its application to acid-base titrations. <i>Analytica Chimica Acta</i> , 2000 , 407, 213-223	6.6	13

99	Dual-stopped-flow spectrophotometric determination of amiloride hydrochloride in a multicommutated flow system. <i>Analytica Chimica Acta</i> , 2000 , 407, 225-231	6.6	22
98	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, 2122-6	5.7	290
97	Potentiometric determination of urea by sequential injection using Jack bean meal crude extract as a source of urease. <i>Talanta</i> , 2000 , 53, 331-6	6.2	16
96	Precipitation titrations using an automatic titrator based on a multicommutated unsegmented flow system. <i>Analyst, The</i> , 2000 , 125, 333-340	5	10
95	Elimination of the carbon build-up effect in the ETAAS analysis of low diluted serum samples using an in situ wet digestion with tetramethylammonium hydroxide. Application to aluminium determination. <i>Journal of Analytical Atomic Spectrometry</i> , 2000 , 15, 1019-1024	3.7	9
94	Enzymatic determination of choline in milk using a FIA system with potentiometric detection. <i>Analyst, The</i> , 2000 , 125, 1281-4	5	8
93	Exploitation of micellar medium for photochemical-spectrofluorimetric flow-injection determination of fenvalerate. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1999 , 34, 143-148		6
92	Acid-base properties and solubility of pindolol, diazepam and chlordiazepoxide in SDS micelles. <i>International Journal of Pharmaceutics</i> , 1999 , 187, 67-75	6.5	24
91	Flow-injection analysis of Kjeldahl nitrogen in milk and dairy products by potentiometric detection. <i>Analytica Chimica Acta</i> , 1999 , 385, 437-441	6.6	26
90	Automatic potentiometric titration in monosegmented flow system exploiting binary search. <i>Analytica Chimica Acta</i> , 1999 , 387, 165-173	6.6	26
89	A flow-batch titrator exploiting a one-dimensional optimisation algorithm for end point search. <i>Analytica Chimica Acta</i> , 1999 , 396, 91-97	6.6	61
88	Application of natural computation techniques to optimal design of flow injection systems. <i>Analytica Chimica Acta</i> , 1999 , 402, 275-283	6.6	3
87	Monosegmented flow-analysis of serum cholesterol. <i>Il Farmaco</i> , 1999 , 54, 51-5		8
86	Electrochemical behaviour of Venlafaxine and its determination in pharmaceutical products using square wave voltammetry. <i>Il Farmaco</i> , 1999 , 54, 145-8		21
85	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	5	24
84	Determination of transition metals in human hair by high-performance liquid chromatography using sodium hexadecane-sulfonate coated columns. <i>Talanta</i> , 1999 , 50, 253-9	6.2	12
83	Electrochemical studies and square wave adsorptive stripping voltammetry of the antidepressant fluoxetine. <i>Talanta</i> , 1999 , 49, 611-7	6.2	31
82	Potentiometric flow injection determination of cadmium in waste waters including in-line ion-exchange separation/concentration. <i>Analytica Chimica Acta</i> , 1998 , 366, 155-161	6.6	9

81	Development of a potentiometric procedure for determination of glycerol and 2,3-butanediol in wine by sequential injection analysis. <i>Analytica Chimica Acta</i> , 1998 , 366, 193-199	6.6	15
80	Enzymatic determination of L(+) lactic and L(–)malic acids in wines by flow-injection spectrophotometry. <i>Analytica Chimica Acta</i> , 1998 , 366, 187-191	6.6	19
79	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	6.6	28
78	Sampling strategies in sequential injection analysis: Exploiting the monosegmented-flow approach. <i>Analytica Chimica Acta</i> , 1998 , 366, 257-262	6.6	20
77	Automated flow-injection system for extending the linear range. <i>Analytica Chimica Acta</i> , 1998 , 366, 271-279	6.6	2
76	Sample preparation in sequential injection analysis. Spectrophotometric determination of total phosphorus in food samples. <i>Analytica Chimica Acta</i> , 1998 , 371, 57-62	6.6	22
75	Continuous sample recirculation in an opened-loop multicommutated flow system. <i>Analytica Chimica Acta</i> , 1998 , 377, 103-110	6.6	16
74	Acid/base properties of beta-blockers and benzodiazepines in sodium dodecyl sulfate micelles. A spectrophotometric and potentiometric study. <i>Journal of Pharmaceutical Sciences</i> , 1998 , 87, 356-9	3.9	22
73	Automation of iron and copper determination in milks using FIA systems and colourimetric detection. <i>Food Chemistry</i> , 1998 , 62, 117-121	8.5	10
72	Copper(II) increases bile acid binding to asparagine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998 , 16, 771-6	3.5	1
71	Cefuroxime selective electrodes for batch and FIA determinations in pharmaceutical preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998 , 18, 93-103	3.5	11
70	Tetracycline, oxytetracycline and chlortetracycline determination by flow injection potentiometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998 , 18, 527-33	3.5	20
69	Fluorimetric and solubility studies of nadolol and atenolol in SDS micelles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998 , 18, 573-7	3.5	18
68	Electrochemical oxidation of bentazon at a glassy carbon electrode Application to the determination of a commercial herbicide. <i>Talanta</i> , 1998 , 46, 1131-5	6.2	28
67	Sequential potentiometric determination of chloride and nitrate in meat products. <i>Food Chemistry</i> , 1997 , 59, 305-311	8.5	27
66	Ion-selective electrodes for promethazine determinations in pharmaceutical preparations and application to flow injection analysis. <i>Journal of Pharmaceutical Sciences</i> , 1997 , 86, 1234-8	3.9	8
65	Flow injection amperometric determination of L-dopa, epinephrine or dopamine in pharmaceutical preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997 , 15, 845-9	3.5	46
64	On the suppression of zinc-copper interactions in square wave anodic stripping voltammetry in flowing solution by addition of gallium ions. <i>Analytica Chimica Acta</i> , 1997 , 339, 167-172	6.6	20

63	A study of a permanently coated polymeric column for simultaneous separation of inorganic anions and mono-carboxylic acids. <i>Analytica Chimica Acta</i> , 1997 , 339, 231-239	6.6	6
62	Evaluation of natural computation techniques in the modelling and optimization of a sequential injection flow system for colorimetric iron(III) determination. <i>Analytica Chimica Acta</i> , 1997 , 348, 143-150	6.6	17
61	Flow analysis with accuracy assessment. <i>Analytica Chimica Acta</i> , 1997 , 350, 31-36	6.6	20
60	Photochemical-fluorimetric determination of folic acid in a multicommutated flow system. <i>Analytica Chimica Acta</i> , 1997 , 351, 223-228	6.6	51
59	Turbidimetric flow-injection determination of total nitrogen and potassium in vegetables. <i>Analytica Chimica Acta</i> , 1997 , 356, 259-265	6.6	7
58	Simultaneous assay of nitrite, nitrate and chloride in meat products by flow injection. <i>Analyst, The</i> , 1996 , 121, 1393-6	5	18
57	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	6.6	23
56	Simultaneous determination of inorganic anions and carboxylic acids in wine using isocratic separation on a permanently coated reversed-phase column and UV indirect detection. <i>Analytica Chimica Acta</i> , 1996 , 321, 263-271	6.6	12
55	Construction and evaluation of PVC conventional and tubular tripeleennamine-selective electrodes: their application in pharmaceutical preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1996 , 14, 931-8	3.5	10
54	Determination of calcium, magnesium, sodium and potassium in wines by FIA using an automatic zone sampling system. <i>Food Chemistry</i> , 1996 , 55, 397-402	8.5	15
53	Potentiometric determination of formation constants of copper(II)/bile acid/peptide in aqueous solution. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995 , 13, 465-70	3.5	6
52	FIA titrations of ephedrine in pharmaceutical formulations with a PVC tetraphenylborate tubular electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995 , 13, 459-64	3.5	7
51	Flow injection analysis of high chloride levels in electroplating baths using on-line dialysis and potentiometric detection. <i>Fresenius Journal of Analytical Chemistry</i> , 1995 , 351, 614-617		8
50	COLORIMETRIC DETERMINATION OF IRON IN BEER BY FLOW INJECTION ANALYSIS USING THE MERGING ZONES TECHNIQUE. <i>Journal of the Institute of Brewing</i> , 1995 , 101, 281-284	2	5
49	Flow injection systems with a stream splitting and a dialysis unit for the soil analysis of sodium and potassium by flame emission spectrometry, and calcium and magnesium by atomic absorption spectrophotometry. <i>Communications in Soil Science and Plant Analysis</i> , 1995 , 26, 183-195	1.5	8
48	Simultaneous automatic potentiometric determination of acidity, chloride and fluoride in vinegar. <i>Food Control</i> , 1995 , 6, 155-159	6.2	14
47	Fast determination of sulfate by ion chromatography based on a permanently coated column. <i>Analyst, The</i> , 1995 , 120, 2469	5	4
46	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	6.6	36

45	Construction and use of a tubular picrate ion-selective electrode for reducing sugar determination in Port wine by flow-injection analysis. <i>Analytica Chimica Acta</i> , 1995 , 308, 122-128	6.6	14
44	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	6.6	31
43	An integrated design strategy for flow-injection analysis based on the coupling of mathematical modelling and optimization algorithms. <i>Analytica Chimica Acta</i> , 1995 , 310, 289-296	6.6	12
42	Sequential analyte removal in flow analysis: determination of nitrogen, phosphorus and potassium in fertilizers. <i>Analytica Chimica Acta</i> , 1995 , 317, 239-245	6.6	10
41	Tubular detectors for flow-injection potentiometric determination of tetrafluoroborate in electroplating baths. <i>Analytica Chimica Acta</i> , 1994 , 293, 35-41	6.6	6
40	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	6.6	251
39	Multi-site detection in flow analysis. <i>Analytica Chimica Acta</i> , 1994 , 285, 293-299	6.6	16
38	Flow injection titration of chloride in food products with a silver tubular electrode based on an homogeneous crystalline membrane. <i>Food Chemistry</i> , 1994 , 50, 423-428	8.5	12
37	Construction and evaluation of tetrafluoroborate selective electrodes. <i>Fresenius Journal of Analytical Chemistry</i> , 1994 , 348, 341-345		3
36	Square-wave anodic stripping voltammetry in stationary and flowing solution: a comparative study. <i>Analyst, The</i> , 1994 , 119, 1229	5	23
35	Determination of nitrate in Carbon Black by using a nitrate-selective electrode. <i>Analyst, The</i> , 1994 , 119, 305-307	5	3
34	Tubular potentiometric detector for flow injection based on homogeneous crystalline membranes sensitive to copper, cadmium and lead. <i>Analyst, The</i> , 1994 , 119, 209	5	16
33	Application of poly(vinyl chloride) pilocarpine membrane electrodes in ophthalmic products. <i>Analyst, The</i> , 1994 , 119, 2327-2330	5	5
32	Flow Injection Sequential Determination of Chloride by Potentiometry and Sodium by Flame Emission Spectrometry in Instant Soups.. <i>Analytical Sciences</i> , 1994 , 10, 801-805	1.7	5
31	Sequential determination of calcium and nitrate ions in waters by potentiometric flow injection. <i>Analyst, The</i> , 1993 , 118, 1527-1532	5	22
30	Development of a tubular periodate electrode for flow-injection determination of glycerol. <i>Talanta</i> , 1993 , 40, 1563-8	6.2	20
29	Multi-site detection in flow analysis. <i>Analytica Chimica Acta</i> , 1993 , 276, 121-125	6.6	24
28	Quinidine ion-selective electrode for potentiometric determinations in pharmaceutical preparations. <i>Analytica Chimica Acta</i> , 1993 , 283, 657-661	6.6	5

27	Determination of the pKa values of sparingly soluble substances in water revisited: application to some benzodiazepines. <i>Analytica Chimica Acta</i> , 1993 , 281, 53-62	6.6	12
26	Optimal design of an enzymatic reactor for flow injection analysis. <i>Biotechnology Progress</i> , 1993 , 9, 473-808		6
25	Construction and evaluation of tubular potentiometric detectors sensitive to chloride, bromide, and iodide and based on homogeneous crystalline membranes. <i>Fresenius Journal of Analytical Chemistry</i> , 1993 , 347, 314-319		21
24	Phenobarbiturate Flow-through Electrode for Flow Injection Analysis of Pharmaceutical Products.. <i>Analytical Sciences</i> , 1992 , 8, 19-23	1.7	6
23	Multinuclear NMR and potentiometric studies on the interaction of zinc and cadmium with cytidine and glycylglycine. The effect of the anion. <i>Journal of Inorganic Biochemistry</i> , 1992 , 45, 53-64	4.2	22
22	Determination of fluoride in Spanish vinegars. <i>Food Chemistry</i> , 1992 , 45, 365-367	8.5	4
21	Multi-site detection in flow analysis: Part 1. Relocation of spectrophotometric detector. <i>Analytica Chimica Acta</i> , 1992 , 261, 59-65	6.6	27
20	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, 1041-6	3.5	25
19	Mathematical modelling of two-analyte sequential determinations by flow-injection sandwich techniques. <i>Analytica Chimica Acta</i> , 1991 , 254, 177-187	6.6	13
18	On-line monitoring of lipase production in fermentation processes. <i>Biotechnology Letters</i> , 1991 , 5, 251-254		14
17	Usefulness of a detector inlet overpressure and stream splitting in FIA systems to deal with food sample pre-treatment requirements. Application to wine analysis. <i>Food Control</i> , 1991 , 2, 146-151	6.2	2
16	Flow injection system based on the sandwich technique for saving expensive reagents. <i>Clinica Chimica Acta</i> , 1991 , 203, 67-76	6.2	6
15	On-line fermentation monitoring using flow injection analysis. <i>Biotechnology and Bioengineering</i> , 1990 , 36, 647-51	4.9	34
14	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, 701-4	3.5	23
13	Mathematical modelling of sequential determinations by flow-injection sandwich techniques. <i>Analytica Chimica Acta</i> , 1990 , 234, 67-74	6.6	15
12	5,5-Diethylbarbiturate tubular electrode for use in flow-injection detection systems. <i>Analytica Chimica Acta</i> , 1990 , 234, 221-225	6.6	14
11	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	21
10	Solid-state PVC flow-through benzoate electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1989 , 7, 1499-505	3.5	11

9	Chloride pseudotitration in wines by FIA with a Ag ₂ S/Ag tubular electrode as detector. <i>Journal of Food Composition and Analysis</i> , 1989 , 2, 356-363	4.1	10
8	Flow-through tubular iodide and bromide selective electrodes based on epoxy resin heterogeneous membranes. <i>Talanta</i> , 1989 , 36, 825-9	6.2	17
7	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	5	19
6	Characterisation of poly(vinyl chloride) barium ion-selective electrodes without an internal reference solution. <i>Analyst, The</i> , 1988 , 113, 1023	5	30
5	Sequential flow-injection determinations of calcium and magnesium in waters. <i>Analytica Chimica Acta</i> , 1986 , 179, 503-508	6.6	32
4	Preparation of a chloride-selective electrode based on mercury(I) chloride-mercury(II) sulphide on an electrically conductive epoxy support. <i>Analyst, The</i> , 1986 , 111, 151	5	4
3	Procedure for the construction of all-solid-state PVC membrane electrodes. <i>Analyst, The</i> , 1986 , 111, 799-5		42
2	Epoxy-based all-solid-state poly(vinyl chloride) matrix membrane calcium ion-selective microelectrodes. <i>Analyst, The</i> , 1986 , 111, 611	5	16
1	Flow-through tubular PVC matrix membrane electrode without inner reference solution for flow injection analysis. <i>Analytica Chimica Acta</i> , 1984 , 164, 147-152	6.6	91