

Fbio R P Rocha

List of Publications by Year in Descending Order

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

192
papers

4,162
citations

31
h-index

53
g-index

210
ext. papers

4,523
ext. citations

4.6
avg, IF

5.79
L-index

#	Paper	IF	Citations
192	Single-phase determination of calcium and magnesium in biodiesel using smartphone-based digital images. <i>Fuel</i> , 2022 , 307, 121837	7.1	0
191	Flow-based determination of lead exploiting in-syringe dispersive liquid-liquid micro-extraction in xylene and integrated spectrophotometric detection. <i>Talanta</i> , 2022 , 123528	6.2	1
190	Can Minerals Be Used as a Tool to Classify Cinnamon Samples?. <i>Proceedings (mdpi)</i> , 2021 , 70, 22	0.3	1
189	Spot test for determination of uric acid in saliva by smartphone-based digital images: A new proposal for detecting kidney dysfunctions. <i>Microchemical Journal</i> , 2021 , 162, 105862	4.8	4
188	Smartphone-based digital images as a novel approach to determine formaldehyde as a milk adulterant. <i>Food Control</i> , 2021 , 125, 107956	6.2	10
187	Perspective: What constitutes a quality paper in atomic spectrometry. <i>Talanta Open</i> , 2021 , 3, 100045	5.6	0
186	Large-scale flow analysis: From repetitive assays to expert analyzers. <i>Talanta</i> , 2021 , 233, 122479	6.2	1
185	Novel approach for screening milk based on fast and environmentally friendly determination of protein and fat. <i>Journal of Food Composition and Analysis</i> , 2021 , 104, 104178	4.1	0
184	Green volumetric procedure for determining biodiesel content in diesel blends or mixtures with vegetable oils exploiting solubility differences in an ethanol:water medium. <i>Fuel</i> , 2020 , 276, 118042	7.1	3
183	Two-dimensional separation by sequential injection chromatography. <i>Journal of Chromatography A</i> , 2020 , 1626, 461365	4.5	4
182	A spot test for total esters determination in sugarcane spirits exploiting smartphone-based digital images. <i>Analytical Methods</i> , 2020 , 12, 3918-3923	3.2	0
181	Solventless separation of underivatized biogenic amines by sequential injection chromatography. <i>Microchemical Journal</i> , 2020 , 156, 104839	4.8	6
180	A novel approach to detect milk adulteration based on the determination of protein content by smartphone-based digital image colorimetry. <i>Food Control</i> , 2020 , 115, 107299	6.2	33
179	Chapter 6:Flow Analysis: A Powerful Tool for Green Analytical Chemistry. <i>RSC Green Chemistry</i> , 2020 , 154-180	0.9	
178	Reply to the Comment on Slope ratio calibration for analysis of plant leaves by laser-induced breakdown spectroscopy by Vincenzo Palleschi, JAAS 2020, 35, DOI: C9JA00381A. <i>Journal of Analytical Atomic Spectrometry</i> , 2020 , 35, 1484-1485	3.7	
177	Spot test for fast determination of hydrogen peroxide as a milk adulterant by smartphone-based digital image colorimetry. <i>Microchemical Journal</i> , 2020 , 157, 105042	4.8	18
176	Exploitation of a short monolithic column for in-line separation and preconcentration: Environmental friendly determination of the emerging pollutant salicylic acid in natural waters. <i>Journal of Separation Science</i> , 2020 , 43, 1232-1239	3.4	2

175	An automatic titration setup for the chemiluminometric determination of the copper complexation capacity in opaque solutions. <i>Talanta</i> , 2020 , 209, 120530	6.2	4
174	Multi-energy calibration to circumvent matrix effects in the determination of biodiesel quality parameters by UV-Vis spectrophotometry. <i>Talanta</i> , 2020 , 209, 120584	6.2	1
173	Flow-Batch Sample Preparation for Fractionation of the Stress Signaling Phytohormone Salicylic Acid in Fresh Leaves. <i>Journal of Analytical Methods in Chemistry</i> , 2020 , 2020, 8865849	2	
172	The multiple facets of flow analysis. A tutorial. <i>Analytica Chimica Acta</i> , 2020 , 1093, 75-85	6.6	6
171	Systematic evaluation of sample preparation for fractionation of phytohormone salicylic acid in fresh leaves. <i>Talanta</i> , 2020 , 208, 120352	6.2	4
170	Spot test exploiting smartphone-based digital images for determination of biodiesel in diesel blends. <i>Microchemical Journal</i> , 2020 , 152, 104273	4.8	6
169	Flow analysis during the 60 years of <i>Talanta</i> . <i>Talanta</i> , 2020 , 206, 120185	6.2	9
168	Multi-energy calibration and sample fusion as alternatives for quantitative analysis of high silicon content samples by laser-induced breakdown spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2019 , 34, 1701-1707	3.7	12
167	An overview of the Brazilian contributions to Green Analytical Chemistry. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019 , 91, e20180294	1.4	3
166	A greener, fast, and cost-effective smartphone-based digital image procedure for quantification of ethanol in distilled beverages. <i>Microchemical Journal</i> , 2019 , 147, 437-443	4.8	15
165	Monoliths: Synthetic routes, functionalization and innovative analytical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 115, 39-51	14.6	29
164	A simple and low-cost approach for microdistillation: Application to methanol determination in biodiesel exploiting smartphone-based digital images. <i>Talanta</i> , 2019 , 199, 285-289	6.2	11
163	Flow-based solid sample preparation: Advantages, limitations, and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 677-685	14.6	3
162	Slope ratio calibration for analysis of plant leaves by laser-induced breakdown spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2019 , 34, 2314-2324	3.7	12
161	A new strategy for membraneless gas-liquid separation in flow analysis: Determination of dissolved inorganic carbon in natural waters. <i>Microchemical Journal</i> , 2019 , 145, 1218-1223	4.8	3
160	A novel spot test based on digital images for determination of methanol in biodiesel. <i>Talanta</i> , 2019 , 195, 229-235	6.2	16
159	Fluidized particles in flow analysis: potentialities, limitations and applications. <i>Talanta</i> , 2018 , 184, 325-331	12	10
158	Metal and trace element assessments of bottom sediments from medium Tietê River basin, Sao Paulo State, Brazil: part II. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018 , 316, 805-818	1.5	7

157	Spectrofluorimetric determination of bisphenol A in tap waters by exploiting liquid-liquid microextraction in a sequential injection system. <i>Microchemical Journal</i> , 2018 , 137, 429-434	4.8	9
156	Exploiting multivariate calibration for compensation of iron interference in the spectrophotometric flow-based catalytic determination of molybdenum. <i>Talanta</i> , 2018 , 179, 15-21	6.2	0
155	A green and cost-effective procedure for determination of anionic surfactants in milk with liquid-liquid microextraction and smartphone-based photometric detection. <i>Microchemical Journal</i> , 2018 , 143, 259-263	4.8	31
154	Gravimetry ? 2018 , 349-349		
153	Fast Spectrophotometric Determination of Iodine Value in Biodiesel and Vegetable Oils. <i>Journal of the Brazilian Chemical Society</i> , 2018 ,	1.5	4
152	Solid-phase extractions in flow analysis. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018 , 90, 803-824	1.4	4
151	A flow-based procedure exploiting the lab-in-syringe approach for the determination of ester content in biodiesel and diesel/biodiesel blends. <i>Talanta</i> , 2017 , 174, 556-561	6.2	12
150	A spot test for iodine value determination in biodiesel based on digital images exploiting a smartphone. <i>Microchemical Journal</i> , 2017 , 133, 195-199	4.8	32
149	Feasible photometric measurements in liquid-liquid extraction by exploiting smartphone-based digital images. <i>Analytical Methods</i> , 2017 , 9, 2220-2225	3.2	20
148	Dual thermostating in flow analysis. <i>Talanta</i> , 2017 , 168, 303-306	6.2	
147	Flow-based food analysis: an overview of recent contributions. <i>Analytical Methods</i> , 2017 , 9, 6313-6334	3.2	9
146	Recent advances on determination of milk adulterants. <i>Food Chemistry</i> , 2017 , 221, 1232-1244	8.5	118
145	Spectrophotometry Overview 2017 , 244-244		
144	Liquid-liquid microextraction in sequential injection analysis for the direct spectrophotometric determination of acid number in biodiesel. <i>Microchemical Journal</i> , 2016 , 124, 55-59	4.8	11
143	On-line lab-in-syringe cloud point extraction for the spectrophotometric determination of antimony. <i>Talanta</i> , 2016 , 148, 694-9	6.2	33
142	Cloud point extraction in flow-based systems. <i>Reviews in Analytical Chemistry</i> , 2016 , 35, 41-52	2.3	14
141	Sulphate radical generation through interaction of peroxymonosulphate with Co(II) for in-line sample preparation aiming at spectrophotometric flow-based determination of phosphate and phosphite in fertilizers. <i>Talanta</i> , 2016 , 158, 270-275	6.2	4
140	Applications of biosorbents in atomic spectrometry. <i>Applied Spectroscopy Reviews</i> , 2016 , 51, 36-72	4.5	9

139	Tracer-monitored flow titrations. <i>Analytica Chimica Acta</i> , 2016 , 902, 123-128	6.6	7
138	Rapid estimation of readily leachable triazine residues in soils using automatic kinetic bioaccessibility assays followed by on-line sorptive clean-up as a front-end to liquid chromatography. <i>Talanta</i> , 2016 , 156-157, 71-78	6.2	5
137	Fast and environmentally friendly determination of salicylic acid in plant materials by sequential injection chromatography. <i>Analytical Methods</i> , 2016 , 8, 6398-6403	3.2	9
136	The aquatic impact of ionic liquids on freshwater organisms. <i>Chemosphere</i> , 2015 , 139, 288-94	8.4	42
135	A portable multi-syringe flow system for spectrofluorimetric determination of iodide in seawater. <i>Talanta</i> , 2015 , 144, 1155-62	6.2	22
134	Exploitation of pulsed flows for on-line dispersive liquid-liquid microextraction: Spectrophotometric determination of formaldehyde in milk. <i>Talanta</i> , 2015 , 144, 1189-94	6.2	36
133	On-column preconcentration in sequential injection chromatography: application to determination of parabens. <i>Analytical Methods</i> , 2015 , 7, 4371-4375	3.2	8
132	A critical review on photochemical conversions in flow analysis. <i>Analytica Chimica Acta</i> , 2015 , 896, 11-33	6.6	20
131	NAA and XRF technique bottom sediment assessment for major and trace elements: Tietê River, São Paulo State, Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015 , 306, 655-665	1.5	4
130	On-line hyphenation of solid-phase extraction to chromatographic separation of sulfonamides with fused-core columns in sequential injection chromatography. <i>Talanta</i> , 2015 , 133, 142-9	6.2	28
129	An air carrier flow system for the spectrophotometric determination of water in biodiesel exploiting bleaching of the cobalt chloride complex. <i>Talanta</i> , 2015 , 131, 21-5	6.2	15
128	A fast and environmental friendly analytical procedure for determination of melamine in milk exploiting fluorescence quenching. <i>Food Chemistry</i> , 2015 , 169, 314-9	8.5	29
127	Greener procedures for biodiesel quality control. <i>Analytical Methods</i> , 2015 , 7, 4396-4418	3.2	16
126	Pulsed flows in flow analysis: Potentialities, limitations and applications. <i>Talanta</i> , 2015 , 143, 419-430	6.2	25
125	A novel strategy to determine As, Cr, Hg and V in drinking water by ICP-MS/MS. <i>Analytical Methods</i> , 2015 , 7, 1215-1220	3.2	24
124	A multi-pumping flow system for acute toxicity bioassay using the <i>Vibrio fischeri</i> bacteria. <i>Analytical Methods</i> , 2014 , 6, 7367-7373	3.2	5
123	Flow analysis in Brazil: contributions over the last four decades. <i>Analyst, The</i> , 2014 , 139, 3666-82	5	9
122	Expanding the separation capability of sequential injection chromatography: Determination of melamine in milk exploiting micellar medium and on-line sample preparation. <i>Microchemical Journal</i> , 2014 , 117, 106-110	4.8	20

121	Liquid-liquid microextraction in a multicommuted flow system for direct spectrophotometric determination of iodine value in biodiesel. <i>Analytica Chimica Acta</i> , 2014 , 829, 28-32	6.6	11
120	A flow injection low-pressure chromatographic system exploiting fused-core columns. <i>Analytical Methods</i> , 2014 , 6, 9299-9304	3.2	4
119	An improved approach for flow-based cloud point extraction. <i>Analytica Chimica Acta</i> , 2014 , 820, 69-75	6.6	15
118	A multi-purpose flow manifold for the spectrophotometric determination of sulphide, sulphite and ethanol involving gas diffusion: application to wine and molasses analysis. <i>Talanta</i> , 2013 , 113, 118-22	6.2	11
117	A multicommuted flow system with liquid-liquid microextraction for determination of anionic surfactants in freshwaters. <i>Analytical Methods</i> , 2013 , 5, 2104	3.2	11
116	A multi-pumping flow system with on-line photochemical conversion and improved sensitivity for phosphorus fractionation in freshwaters. <i>International Journal of Environmental Analytical Chemistry</i> , 2013 , 93, 1389-1401	1.8	5
115	A multi-pumping flow-based procedure with improved sensitivity for the spectrophotometric determination of acid-dissociable cyanide in natural waters. <i>Analytica Chimica Acta</i> , 2013 , 758, 108-13	6.6	14
114	A Multi-pumping Flow System for Fast Spectrophotometric Determination of Simvastatin. <i>Current Pharmaceutical Analysis</i> , 2013 , 9, 114-120	0.6	1
113	A green flow-injection procedure for fluorimetric determination of bisphenol A in tap waters based on the inclusion complex with β -cyclodextrin. <i>International Journal of Environmental Analytical Chemistry</i> , 2013 , 93, 1402-1412	1.8	15
112	Photochemical micro-digestion in a multi-pumping flow system for phosphorus fractionation in cereals. <i>Microchemical Journal</i> , 2013 , 109, 139-144	4.8	14
111	An environmentally friendly flow-based procedure with photo-induced oxidation for the spectrophotometric determination of chloride in urine and waters. <i>Microchemical Journal</i> , 2013 , 108, 193-197	4.8	17
110	Greening sample preparation in inorganic analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 45, 79-92	14.6	58
109	A single-phase spectrophotometric procedure for in situ analysis of free glycerol in biodiesel. <i>Microchemical Journal</i> , 2013 , 106, 23-26	4.8	17
108	Contributions of Flow Analysis for Quality Control of Automotive Fuels: A Review. <i>Analytical Letters</i> , 2013 , 46, 1621-1639	2.2	8
107	A Multi-pumping Flow System for Fast Spectrophotometric Determination of Simvastatin. <i>Current Pharmaceutical Analysis</i> , 2013 , 9, 114-120	0.6	
106	Green chemistry and the evolution of flow analysis. A review. <i>Analytica Chimica Acta</i> , 2012 , 714, 8-19	6.6	144
105	Sample Handling 2012 , 295-448		
104	An environmentally friendly analytical procedure for nickel determination by atomic and molecular spectrometry after cloud point extraction in different samples. <i>Analytical Methods</i> , 2012 , 4, 2429	3.2	16

103	Interaction of Radiation with the Flowing Sample 2012 , 95-146		
102	Historical View 2012 , 13-43		
101	Special Strategies for Flow Manipulation 2012 , 243-293		
100	Direct Solid-Phase Optical Measurements in Flow Systems: A Review. <i>Analytical Letters</i> , 2011 , 44, 528-552	2.2	21
99	Cadmium telluride nanocrystals as luminescent sensitizers in flow analysis. <i>Talanta</i> , 2011 , 84, 1314-7	6.2	26
98	Sistema de análises em fluxo polivalente para a determinação espectrofotométrica de fármacos. <i>Química Nova</i> , 2011 , 34, 1205-1210	1.6	4
97	Immobilization of glucose oxidase enzyme (GOD) in large pore ordered mesoporous cage-like FDU-1 silica. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011 , 70, 149-153		9
96	Chapter 6: Green Analytical Chemistry Through Flow Analysis. <i>RSC Green Chemistry</i> , 2011 , 144-167	0.9	
95	Sequential spectrofluorimetric determination of free and total glycerol in biodiesel in a multicommutated flow system. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 365-71	4.4	19
94	Liquid-liquid microextraction without phase separation in a multicommutated flow system for diltiazem determination in pharmaceuticals. <i>Analytica Chimica Acta</i> , 2011 , 694, 95-9	6.6	9
93	Exploiting Mn(III)/EDTA complex in a flow system with solenoid micro-pumps coupled to long pathlength spectrophotometry for fast manganese determination. <i>Microchemical Journal</i> , 2011 , 98, 1094-114	4.8	17
92	A multicommutated flow procedure for the determination of total and free cholesterol in eggs and human blood serum by chemiluminescence. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 1710-1717	1.5	3
91	A greener and highly sensitive flow-based procedure for carbaryl determination exploiting long pathlength spectrophotometry and photochemical waste degradation. <i>Talanta</i> , 2010 , 81, 327-33	6.2	23
90	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
89	Exploitation of a single interface flow system for on-line aqueous biphasic extraction. <i>Talanta</i> , 2010 , 81, 1847-51	6.2	5
88	Versatile microanalytical system with porous polypropylene capillary membrane for calibration gas generation and trace gaseous pollutants sampling applied to the analysis of formaldehyde, formic acid, acetic acid and ammonia in outdoor air. <i>Talanta</i> , 2010 , 83, 84-92	6.2	11
87	A flow injection procedure based on solenoid micro-pumps for spectrophotometric determination of free glycerol in biodiesel. <i>Talanta</i> , 2010 , 83, 559-64	6.2	26
86	A flow-based procedure with solenoid micro-pumps for the spectrophotometric determination of uric acid in urine. <i>Microchemical Journal</i> , 2010 , 94, 53-59	4.8	54

85	Single interface flow analysis with accuracy assessment. <i>Microchemical Journal</i> , 2010 , 94, 60-64	4.8	6
84	An environmentally friendly flow system for high-sensitivity spectrophotometric determination of free chlorine in natural waters. <i>Microchemical Journal</i> , 2010 , 96, 77-81	4.8	17
83	A green analytical procedure for determination of copper and iron in plant materials after cloud point extraction. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 234-239	1.5	23
82	Green Strategies in Trace Analysis: A Glimpse of Simple Alternatives for Sample Pretreatment and Analyte Determination. <i>Spectroscopy Letters</i> , 2009 , 42, 418-429	1.1	25
81	Peat as a natural solid-phase for copper preconcentration and determination in a multicommutated flow system coupled to flame atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2009 , 636, 198-204	6.6	235
80	Liquid-liquid extraction in flow analysis: A critical review. <i>Analytica Chimica Acta</i> , 2009 , 652, 54-65	6.6	124
79	Evidences of turbulent mixing in multi-pumping flow systems. <i>Talanta</i> , 2009 , 79, 978-83	6.2	18
78	Cloud point extraction to avoid interferences by structured background on determination in plant materials by FAAS. <i>Analytical Methods</i> , 2009 , 1, 68-70	3.2	21
77	Cloud point extraction and concentration of carbaryl from natural waters. <i>International Journal of Environmental Analytical Chemistry</i> , 2009 , 89, 969-979	1.8	7
76	Flow-injection iodimetric determination of captopril in pharmaceutical preparations. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 236-242	1.5	18
75	A multicommutated flow system with solenoid micro-pumps for paraquat determination in natural waters. <i>Talanta</i> , 2008 , 75, 1376-81	6.2	35
74	A Flow-Based Analytical Procedure for Salbutamol Determination Exploiting Chemiluminescence in a Liquid-Core Waveguide. <i>Analytical Letters</i> , 2008 , 41, 1579-1591	2.2	5
73	Multi-commutation in flow analysis: recent developments and applications. <i>Analytica Chimica Acta</i> , 2008 , 618, 1-17	6.6	49
72	A green flow-based procedure for fluorimetric determination of acid-dissociable cyanide in natural waters exploiting multicommutation. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 2931-6	4.4	12
71	An improved flow-based procedure for microdetermination of total tannins in beverages with minimized reagent consumption. <i>Mikrochimica Acta</i> , 2008 , 161, 279-283	5.8	10
70	A critical evaluation of a flow-cell based on a liquid core waveguide for chemiluminescence measurements. <i>Luminescence</i> , 2008 , 23, 410-6	2.5	5
69	An improved procedure for flow-based turbidimetric sulphate determination based on a liquid core waveguide and pulsed flows. <i>Analytica Chimica Acta</i> , 2008 , 616, 56-62	6.6	22
68	A multicommutated flow-system for spectrophotometric determination of tannin exploiting the Cu(I)/BCA complex formation. <i>Microchemical Journal</i> , 2008 , 88, 21-25	4.8	17

67	A critical evaluation of a long pathlength cell for flow-based spectrophotometric measurements. <i>Microchemical Journal</i> , 2008 , 90, 19-25	4.8	15
66	Development and critical comparison of greener flow procedures for nitrite determination in natural waters. <i>Microchemical Journal</i> , 2007 , 85, 209-213	4.8	33
65	A Multicommutated Flow-based System for Hydrogen Peroxide Determination by Chemiluminescence Detection Using a Photodiode. <i>Analytical Letters</i> , 2007 , 40, 3148-3157	2.2	9
64	A green analytical procedure for sensitive and selective determination of iron in water samples by flow-injection solid-phase spectrophotometry. <i>Talanta</i> , 2007 , 71, 1507-11	6.2	44
63	A Multi-purpose Flow System Based on Multi-commutation. <i>Spectroscopy Letters</i> , 2006 , 39, 651-668	1.1	15
62	A critical examination of the components of the Schlieren effect in flow analysis. <i>Talanta</i> , 2006 , 68, 1076-82	6.8	59
61	An improved flow-injection system for spectrophotometric determination of molybdenum and tungsten in tool steels. <i>Talanta</i> , 2006 , 69, 927-31	6.2	14
60	Exploiting gas diffusion for non-invasive sampling in flow analysis: determination of ethanol in alcoholic beverages. <i>Anais Da Academia Brasileira De Ciencias</i> , 2006 , 78, 23-9	1.4	12
59	Evaluation of a multicommutated flow system for photometric environmental measurements. <i>Journal of Automated Methods and Management in Chemistry</i> , 2006 , 2006, 20384		30
58	Spectrophotometric flow-injection determination of copper and nickel in plant digests exploiting differential kinetic analysis and multi-site detection. <i>Analytica Chimica Acta</i> , 2006 , 570, 124-128	6.6	18
57	A novel flow-based strategy for implementing differential kinetic analysis. <i>Analytica Chimica Acta</i> , 2006 , 572, 316-20	6.6	16
56	An improved procedure for phosphorous fractionation in plant materials exploiting sample preparation and monosegmented flow analysis. <i>Microchemical Journal</i> , 2006 , 82, 207-213	4.8	10
55	A multi-pumping flow system for chemiluminometric determination of ascorbic acid in powdered materials for preparation of fruit juices. <i>Microchemical Journal</i> , 2006 , 83, 70-74	4.8	13
54	A green analytical procedure for flow-injection determination of nitrate in natural waters. <i>Talanta</i> , 2005 , 65, 461-5	6.2	27
53	A portable and low cost equipment for flow injection chemiluminescence measurements. <i>Talanta</i> , 2005 , 67, 673-7	6.2	60
52	Single reaction interface in flow analysis. <i>Talanta</i> , 2005 , 68, 351-8	6.2	11
51	Flow-injection systems with multi-site detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2005 , 24, 880-886	14.6	9
50	A clean method for flow injection spectrophotometric determination of cyclamate in table sweeteners. <i>Analytica Chimica Acta</i> , 2005 , 547, 204-208	6.6	30

49	Simultaneous in-line concentration for spectrophotometric determination of cations and anions. <i>Journal of the Brazilian Chemical Society</i> , 2004 , 15, 38	1.5	8
48	An improved flow system for phenols determination exploiting multicommutation and long pathlength spectrophotometry. <i>Talanta</i> , 2004 , 62, 463-7	6.2	65
47	Multi-pumping flow systems: an automation tool. <i>Talanta</i> , 2004 , 64, 1091-8	6.2	86
46	Flow systems exploiting in-line prior assays. <i>Talanta</i> , 2004 , 64, 1114-8	6.2	11
45	Um experimento de análise em fluxo envolvendo reações enzimáticas e quimiluminescência. <i>Quimica Nova</i> , 2004 , 27, 337-341	1.6	3
44	Estratégias para aumento de sensibilidade em espectrofotometria UV-VIS. <i>Quimica Nova</i> , 2004 , 27, 807-812	1.6	17
43	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
42	A multicommutated flow system for sequential spectrophotometric determination of hydrosoluble vitamins in pharmaceutical preparations. <i>Talanta</i> , 2003 , 59, 191-200	6.2	33
41	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
40	Flow system with in-line separation/preconcentration coupled to graphite furnace atomic absorption spectrometry with Wb permanent modifier for copper determination in seawater. <i>Analytica Chimica Acta</i> , 2002 , 463, 275-282	6.6	26
39	Multi-pumping in flow analysis: concepts, instrumentation, potentialities. <i>Analytica Chimica Acta</i> , 2002 , 466, 125-132	6.6	164
38	Multicommutation in flow analysis: concepts, applications and trends. <i>Analytica Chimica Acta</i> , 2002 , 468, 119-131	6.6	169
37	Desenvolvimento de um dispositivo de baixo custo para medidas por quimiluminescência. <i>Quimica Nova</i> , 2002 , 25, 1191-1193	1.6	8
36	A Flow System for Spectrophotometric Multidetermination in Water Exploiting Reagent Injection. <i>Journal of the Brazilian Chemical Society</i> , 2002 , 13, 642-646	1.5	11
35	Detecting and circumventing sources of inaccuracy in flow analysis. <i>Pure and Applied Chemistry</i> , 2001 , 73, 45-54	2.1	22
34	Flow-injection spectrophotometric multidetermination of metallic ions with a single reagent exploiting multicommutation and multidetection. <i>Fresenius Journal of Analytical Chemistry</i> , 2001 , 370, 22-7		11
33	An improved flow system for spectrophotometric determination of anions exploiting multicommutation and multidetection. <i>Analytica Chimica Acta</i> , 2001 , 438, 11-19	6.6	32
32	Exploitation of tandem streams for carry-over compensation in flow analysis: I. Turbidimetric determination of potassium in fertilizers. <i>Analytica Chimica Acta</i> , 2001 , 438, 3-9	6.6	5

31	Spectrophotometric flow-batch determination of aluminum in plant tissues exploiting a feedback mechanism. <i>Analytica Chimica Acta</i> , 2001 , 441, 309-315	6.6	25
30	Flow analysis strategies to greener analytical chemistry. An overview. <i>Green Chemistry</i> , 2001 , 3, 216	10	76
29	A multicommutation-based flow system for multi-element analysis in pharmaceutical preparations. <i>Talanta</i> , 2001 , 55, 861-9	6.2	21
28	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
27	A flow system exploiting multicommutation for speciation of inorganic nitrogen in waters. <i>Analytica Chimica Acta</i> , 2000 , 409, 227-235	6.6	36
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20	Flow-injection solid-phase spectrophotometry for the determination of zinc in pharmaceutical preparations. <i>Analytica Chimica Acta</i> , 1999 , 383, 309-315	6.6	34
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18	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
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