

Fbio R P Rocha

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192
papers

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53
g-index

210
ext. papers

4,523
ext. citations

4.6
avg, IF

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L-index

#	Paper	IF	Citations
192	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
191	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
190	Multicommutation in flow analysis: concepts, applications and trends. <i>Analytica Chimica Acta</i> , 2002 , 468, 119-131	6.6	169
189	Multi-pumping in flow analysis: concepts, instrumentation, potentialities. <i>Analytica Chimica Acta</i> , 2002 , 466, 125-132	6.6	164
188	Green chemistry and the evolution of flow analysis. A review. <i>Analytica Chimica Acta</i> , 2012 , 714, 8-19	6.6	144
187	Liquid-liquid extraction in flow analysis: A critical review. <i>Analytica Chimica Acta</i> , 2009 , 652, 54-65	6.6	124
186	Recent advances on determination of milk adulterants. <i>Food Chemistry</i> , 2017 , 221, 1232-1244	8.5	118
185	Multi-pumping flow systems: an automation tool. <i>Talanta</i> , 2004 , 64, 1091-8	6.2	86
184	Flow analysis strategies to greener analytical chemistry. An overview. <i>Green Chemistry</i> , 2001 , 3, 216	10	76
183	An improved flow system for phenols determination exploiting multicommutation and long pathlength spectrophotometry. <i>Talanta</i> , 2004 , 62, 463-7	6.2	65
182	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
181	A portable and low cost equipment for flow injection chemiluminescence measurements. <i>Talanta</i> , 2005 , 67, 673-7	6.2	60
180	A critical examination of the components of the Schlieren effect in flow analysis. <i>Talanta</i> , 2006 , 68, 1076-82	6.2	59
179	Greening sample preparation in inorganic analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 45, 79-92	14.6	58
178	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
177	Photochemical-fluorimetric determination of folic acid in a multicommutated flow system. <i>Analytica Chimica Acta</i> , 1997 , 351, 223-228	6.6	51
176	Multi-commutation in flow analysis: recent developments and applications. <i>Analytica Chimica Acta</i> , 2008 , 618, 1-17	6.6	49

175	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
174	The aquatic impact of ionic liquids on freshwater organisms. <i>Chemosphere</i> , 2015 , 139, 288-94	8.4	42
173	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
172	A flow system exploiting multicommutation for speciation of inorganic nitrogen in waters. <i>Analytica Chimica Acta</i> , 2000 , 409, 227-235	6.6	36
171	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
170	A multicommutated flow system with solenoid micro-pumps for paraquat determination in natural waters. <i>Talanta</i> , 2008 , 75, 1376-81	6.2	35
169	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
168	On-line lab-in-syringe cloud point extraction for the spectrophotometric determination of antimony. <i>Talanta</i> , 2016 , 148, 694-9	6.2	33
167	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
166	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
165	A multicommutated flow system for sequential spectrophotometric determination of hydrosoluble vitamins in pharmaceutical preparations. <i>Talanta</i> , 2003 , 59, 191-200	6.2	33
164	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
163	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
162	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
161	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
160	Evaluation of a multicommutated flow system for photometric environmental measurements. <i>Journal of Automated Methods and Management in Chemistry</i> , 2006 , 2006, 20384		30
159	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
158	Monoliths: Synthetic routes, functionalization and innovative analytical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 115, 39-51	14.6	29

157	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
156	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
155	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
154	A green analytical procedure for flow-injection determination of nitrate in natural waters. <i>Talanta</i> , 2005 , 65, 461-5	6.2	27
153	Cadmium telluride nanocrystals as luminescent sensitizers in flow analysis. <i>Talanta</i> , 2011 , 84, 1314-7	6.2	26
152	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
151	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
150	Pulsed flows in flow analysis: Potentialities, limitations and applications. <i>Talanta</i> , 2015 , 143, 419-430	6.2	25
149	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
148	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
147	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
146	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
145	Automatic multicommutation flow system for wide range spectrophotometric calcium determination. <i>Analytica Chimica Acta</i> , 1998 , 366, 45-53	6.6	23
144	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
143	A portable multi-syringe flow system for spectrofluorimetric determination of iodide in seawater. <i>Talanta</i> , 2015 , 144, 1155-62	6.2	22
142	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
141	Detecting and circumventing sources of inaccuracy in flow analysis. <i>Pure and Applied Chemistry</i> , 2001 , 73, 45-54	2.1	22
140	Nickel and zinc determination by flow-injection solid-phase spectrophotometry exploiting different sorption rates. <i>Talanta</i> , 2000 , 51, 1027-33	6.2	22

139	Evolution of the commutation concept associated with the development of flow analysis. <i>Analytica Chimica Acta</i> , 1999 , 400, 249-256	6.6	22
138	Direct Solid-Phase Optical Measurements in Flow Systems: A Review. <i>Analytical Letters</i> , 2011 , 44, 528-559.2		21
137	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
136	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
135	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
134	A multicommutation-based flow system for multi-element analysis in pharmaceutical preparations. <i>Talanta</i> , 2001 , 55, 861-9	6.2	21
133	Feasible photometric measurements in liquid-liquid extraction by exploiting smartphone-based digital images. <i>Analytical Methods</i> , 2017 , 9, 2220-2225	3.2	20
132	A critical review on photochemical conversions in flow analysis. <i>Analytica Chimica Acta</i> , 2015 , 896, 11-33	6.6	20
131	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
130	Sampling strategies in sequential injection analysis: Exploiting the monosegmented-flow approach. <i>Analytica Chimica Acta</i> , 1998 , 366, 257-262	6.6	20
129	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
128	Simultaneous determination of sucrose and reducing sugars using indirect flow-injection biamperometry. <i>Analytica Chimica Acta</i> , 1993 , 271, 239-246	6.6	19
127	Evidences of turbulent mixing in multi-pumping flow systems. <i>Talanta</i> , 2009 , 79, 978-83	6.2	18
126	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
125	Flow-injection iodimetric determination of captopril in pharmaceutical preparations. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 236-242	1.5	18
124	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
123	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
122	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

121	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, 109-114	4.8	17
120	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
119	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
118	Estratégias para aumento de sensibilidade em espectrofotometria UV-VIS. <i>Química Nova</i> , 2004 , 27, 807-812	4.8	17
117	Monosegmented flow system exploiting multicommutation applied to spectrophotometric determination of manganese in soybean digests. <i>Analytica Chimica Acta</i> , 1999 , 386, 129-135	6.6	17
116	Greener procedures for biodiesel quality control. <i>Analytical Methods</i> , 2015 , 7, 4396-4418	3.2	16
115	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
114	Flow-injection spectrophotometric catalytic determination of manganese in plants exploiting the aerial oxidation of diphenyl carbazone. <i>Analytica Chimica Acta</i> , 1998 , 366, 87-92	6.6	16
113	Determination of reducing sugars by flow injection gravimetry. <i>Analytica Chimica Acta</i> , 1998 , 366, 119-125	6.6	16
112	A novel flow-based strategy for implementing differential kinetic analysis. <i>Analytica Chimica Acta</i> , 2006 , 572, 316-20	6.6	16
111	A novel spot test based on digital images for determination of methanol in biodiesel. <i>Talanta</i> , 2019 , 195, 229-235	6.2	16
110	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
109	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
108	An improved approach for flow-based cloud point extraction. <i>Analytica Chimica Acta</i> , 2014 , 820, 69-75	6.6	15
107	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
106	Overcoming the schlieren effect in flow injection spectrophotometry by introduction of large sample volumes: determination of chloride in the electrolyte of lead-acid batteries. <i>Journal of the Brazilian Chemical Society</i> , 1997 , 8, 625-629	1.5	15
105	A critical evaluation of a long pathlength cell for flow-based spectrophotometric measurements. <i>Microchemical Journal</i> , 2008 , 90, 19-25	4.8	15
104	A Multi-purpose Flow System Based on Multi-commutation. <i>Spectroscopy Letters</i> , 2006 , 39, 651-668	1.1	15

103	Cloud point extraction in flow-based systems. <i>Reviews in Analytical Chemistry</i> , 2016 , 35, 41-52	2.3	14
102	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
101	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
100	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
99	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
98	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
97	Influence of Na, K, Ca and Mg on lead atomization by tungsten coil atomic absorption spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2000 , 11, 136-142	1.5	13
96	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
95	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
94	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
93	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
92	A Low-Cost Device for Automatic Photometric Titrations. <i>Journal of Chemical Education</i> , 2000 , 77, 258	2.4	12
91	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
90	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
89	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
88	Liquid-liquid microextraction in a multicommutated flow system for direct spectrophotometric determination of iodine value in biodiesel. <i>Analytica Chimica Acta</i> , 2014 , 829, 28-32	6.6	11
87	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
86	A multicommutated flow system with liquid-liquid microextraction for determination of anionic surfactants in freshwaters. <i>Analytical Methods</i> , 2013 , 5, 2104	3.2	11

85	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
84	Single reaction interface in flow analysis. <i>Talanta</i> , 2005 , 68, 351-8	6.2	11
83	Flow systems exploiting in-line prior assays. <i>Talanta</i> , 2004 , 64, 1114-8	6.2	11
82	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
81	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
80	Fluidized particles in flow analysis: potentialities, limitations and applications. <i>Talanta</i> , 2018 , 184, 325-331		10
79	Ionic Strength Effect on the Rate of Reduction of Hexacyanoferrate(III) by Ascorbic Acid: A Flow Injection Kinetic Experiment. <i>Journal of Chemical Education</i> , 1997 , 74, 560	2.4	10
78	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
77	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
76	Precipitation titrations using an automatic titrator based on a multicommutated unsegmented flow system. <i>Analyst, The</i> , 2000 , 125, 333-340	5	10
75	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
74	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
73	Applications of biosorbents in atomic spectrometry. <i>Applied Spectroscopy Reviews</i> , 2016 , 51, 36-72	4.5	9
72	Flow analysis in Brazil: contributions over the last four decades. <i>Analyst, The</i> , 2014 , 139, 3666-82	5	9
71	Flow-based food analysis: an overview of recent contributions. <i>Analytical Methods</i> , 2017 , 9, 6313-6334	3.2	9
70	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
69	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
68	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

67	Flow-injection systems with multi-site detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2005 , 24, 880-886	14.6	9
66	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
65	Flow analysis during the 60 years of <i>Talanta</i> . <i>Talanta</i> , 2020 , 206, 120185	6.2	9
64	On-column preconcentration in sequential injection chromatography: application to determination of parabens. <i>Analytical Methods</i> , 2015 , 7, 4371-4375	3.2	8
63	Contributions of Flow Analysis for Quality Control of Automotive Fuels: A Review. <i>Analytical Letters</i> , 2013 , 46, 1621-1639	2.2	8
62	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
61	A new approach for compensating concentration gradients in flow analysis. <i>Analytica Chimica Acta</i> , 1996 , 331, 17-22	6.6	8
60	Desenvolvimento de um dispositivo de baixo custo para medidas por quimiluminescência. <i>Quimica Nova</i> , 2002 , 25, 1191-1193	1.6	8
59	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
58	Tracer-monitored flow titrations. <i>Analytica Chimica Acta</i> , 2016 , 902, 123-128	6.6	7
57	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
56	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
55	Solventless separation of underivatized biogenic amines by sequential injection chromatography. <i>Microchemical Journal</i> , 2020 , 156, 104839	4.8	6
54	Single interface flow analysis with accuracy assessment. <i>Microchemical Journal</i> , 2010 , 94, 60-64	4.8	6
53	Construção de uma cela de fluxo para medidas por espectrofotometria em fase sólida. <i>Quimica Nova</i> , 2000 , 23, 116-118	1.6	6
52	The multiple facets of flow analysis. A tutorial. <i>Analytica Chimica Acta</i> , 2020 , 1093, 75-85	6.6	6
51	Spot test exploiting smartphone-based digital images for determination of biodiesel in diesel blends. <i>Microchemical Journal</i> , 2020 , 152, 104273	4.8	6
50	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

49	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
48	Exploitation of a single interface flow system for on-line aqueous biphasic extraction. <i>Talanta</i> , 2010 , 81, 1847-51	6.2	5
47	Flow injection spectrophotometric determination of nitrate in electrolyte of lead-acid batteries. <i>Talanta</i> , 1997 , 45, 265-71	6.2	5
46	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
45	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
44	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
43	Effects of Solution Physical Properties on Copper and Chromium Signals in Flame Atomic Absorption Spectrometry. <i>Journal of Chemical Education</i> , 1996 , 73, 982	2.4	5
42	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
41	NAA and XRF technique bottom sediment assessment for major and trace elements: Tiet� River, S� Paulo State, Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015 , 306, 655-665	1.5	4
40	Two-dimensional separation by sequential injection chromatography. <i>Journal of Chromatography A</i> , 2020 , 1626, 461365	4.5	4
39	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
38	A flow injection low-pressure chromatographic system exploiting fused-core columns. <i>Analytical Methods</i> , 2014 , 6, 9299-9304	3.2	4
37	Sistema de an�ses em fluxo polivalente para a determina� espectrofotom�trica de f�macos. <i>Quimica Nova</i> , 2011 , 34, 1205-1210	1.6	4
36	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
35	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
34	Systematic evaluation of sample preparation for fractionation of phytohormone salicylic acid in fresh leaves. <i>Talanta</i> , 2020 , 208, 120352	6.2	4
33	Fast Spectrophotometric Determination of Iodine Value in Biodiesel and Vegetable Oils. <i>Journal of the Brazilian Chemical Society</i> , 2018 ,	1.5	4
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