

# M C Arañjo

## List of Publications by Year in descending order

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225  
papers

7,338  
citations

66315

42  
h-index

74108

75  
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226  
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226  
docs citations

226  
times ranked

5046  
citing authors

#	ARTICLE	IF	CITATIONS
1	The successive projections algorithm for variable selection in spectroscopic multicomponent analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2001, 57, 65-73.	1.8	956
2	A method for calibration and validation subset partitioning. <i>Talanta</i> , 2005, 67, 736-740.	2.9	711
3	A variable elimination method to improve the parsimony of MLR models using the successive projections algorithm. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2008, 92, 83-91.	1.8	213
4	The successive projections algorithm. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 42, 84-98.	5.8	193
5	The successive projections algorithm for spectral variable selection in classification problems. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2005, 78, 11-18.	1.8	148
6	Classification of distilled alcoholic beverages and verification of adulteration by near infrared spectrometry. <i>Food Research International</i> , 2006, 39, 182-189.	2.9	133
7	NIR spectrometric determination of quality parameters in vegetable oils using iPLS and variable selection. <i>Food Research International</i> , 2008, 41, 341-348.	2.9	108
8	Classification of Brazilian soils by using LIBS and variable selection in the wavelet domain. <i>Analytica Chimica Acta</i> , 2009, 642, 12-18.	2.6	106
9	Determination of total sulfur in diesel fuel employing NIR spectroscopy and multivariate calibration. <i>Analyst, The</i> , 2003, 128, 1204-1207.	1.7	104
10	Digital image-based titrations. <i>Analytica Chimica Acta</i> , 2006, 570, 283-290.	2.6	93
11	Synthesis of highly fluorescent carbon dots from lemon and onion juices for determination of riboflavin in multivitamin/mineral supplements. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 209-216.	2.4	91
12	UV-Vis spectrometric classification of coffees by SPA-LDA. <i>Food Chemistry</i> , 2010, 119, 368-371.	4.2	83
13	flow injection systems with inductively-coupled argon plasma atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 1983, 145, 169-178.	2.6	82
14	Aspects of the successive projections algorithm for variable selection in multivariate calibration applied to plasma emission spectrometry. <i>Analytica Chimica Acta</i> , 2001, 443, 107-115.	2.6	82
15	Flow-batch analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 35, 39-49.	5.8	81
16	Screening analysis to detect adulterations in Brazilian gasoline samples using distillation curves. <i>Fuel</i> , 2004, 83, 917-923.	3.4	79
17	Modified microelectrodes and multivariate calibration for flow injection amperometric simultaneous determination of ascorbic acid, dopamine, epinephrine and dipyrone. <i>Analyst, The</i> , 2000, 125, 2011-2015.	1.7	75
18	Using UV-Vis spectroscopy for simultaneous geographical and varietal classification of tea infusions simulating a home-made tea cup. <i>Food Chemistry</i> , 2016, 192, 374-379.	4.2	74

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19	Near infrared reflectance spectrometry classification of cigarettes using the successive projections algorithm for variable selection. <i>Talanta</i> , 2009, 79, 1260-1264.	2.9	73
20	Modeling excitation-emission fluorescence matrices with pattern recognition algorithms for classification of Argentine white wines according grape variety. <i>Food Chemistry</i> , 2015, 184, 214-219.	4.2	73
21	A flow-batch titrator exploiting a one-dimensional optimisation algorithm for end point search. <i>Analytica Chimica Acta</i> , 1999, 396, 91-97.	2.6	72
22	The successive projections algorithm for interval selection in PLS. <i>Microchemical Journal</i> , 2013, 110, 202-208.	2.3	70
23	A method for determination of COD in a domestic wastewater treatment plant by using near-infrared reflectance spectrometry of seston. <i>Analytica Chimica Acta</i> , 2007, 588, 231-236.	2.6	69
24	Identification of adulteration in ground roasted coffees using UV-Vis spectroscopy and SPA-LDA. <i>LWT - Food Science and Technology</i> , 2015, 63, 1037-1041.	2.5	65
25	Electroanalytical determination of carbendazim by square wave adsorptive stripping voltammetry with a multiwalled carbon nanotubes modified electrode. <i>Analytical Methods</i> , 2011, 3, 1202.	1.3	60
26	Digital image-based flame emission spectrometry. <i>Talanta</i> , 2009, 77, 1584-1589.	2.9	59
27	A digital image-based method for determining of total acidity in red wines using acid-base titration without indicator. <i>Talanta</i> , 2011, 84, 601-606.	2.9	59
28	A strategy for selecting calibration samples for multivariate modelling. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2004, 72, 83-91.	1.8	56
29	Simultaneous determination of goat milk adulteration with cow milk and their fat and protein contents using NIR spectroscopy and PLS algorithms. <i>LWT - Food Science and Technology</i> , 2020, 127, 109427.	2.5	55
30	Determination of fat content in chicken hamburgers using NIR spectroscopy and the Successive Projections Algorithm for interval selection in PLS regression (iSPA-PLS). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 189, 300-306.	2.0	52
31	Cross-validation for the selection of spectral variables using the successive projections algorithm. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 1580-1584.	0.6	51
32	Screening analysis of beer ageing using near infrared spectroscopy and the Successive Projections Algorithm for variable selection. <i>Talanta</i> , 2012, 89, 286-291.	2.9	51
33	Simultaneous Classification of Teas According to Their Varieties and Geographical Origins by Using NIR Spectroscopy and SPA-LDA. <i>Food Analytical Methods</i> , 2014, 7, 1712.	1.3	51
34	Boron-doped diamond electrode acting as a voltammetric sensor for the detection of methomyl pesticide. <i>Journal of Electroanalytical Chemistry</i> , 2017, 789, 100-107.	1.9	51
35	An application of subagging for the improvement of prediction accuracy of multivariate calibration models. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006, 81, 60-67.	1.8	50
36	A robotic magnetic nanoparticle solid phase extraction system coupled to flow-batch analyzer and GFAAS for determination of trace cadmium in edible oils without external pretreatment. <i>Talanta</i> , 2018, 178, 384-391.	2.9	49

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37	Robust modeling for multivariate calibration transfer by the successive projections algorithm. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2005, 76, 65-72.	1.8	48
38	Classification of edible vegetable oils using square wave voltammetry with multivariate data analysis. <i>Talanta</i> , 2009, 77, 1660-1666.	2.9	48
39	Flow-batch technique for the simultaneous enzymatic determination of levodopa and carbidopa in pharmaceuticals using PLS and successive projections algorithm. <i>Talanta</i> , 2008, 75, 950-958.	2.9	47
40	QSPR Modeling of Soil Sorption Coefficients ( $K_{OC}$ ) of Pesticides Using SPA-ANN and SPA-MLR. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 7153-7158.	2.4	47
41	Simplified tea classification based on a reduced chemical composition profile via successive projections algorithm linear discriminant analysis (SPA-LDA). <i>Journal of Food Composition and Analysis</i> , 2015, 39, 103-110.	1.9	45
42	Digital image-based classification of biodiesel. <i>Talanta</i> , 2015, 139, 50-55.	2.9	45
43	A novel strategy to verification of adulteration in alcoholic beverages based on Schlieren effect measurements and chemometric techniques. <i>Microchemical Journal</i> , 2004, 78, 27-33.	2.3	43
44	A graphical user interface for variable selection employing the Successive Projections Algorithm. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2012, 118, 260-266.	1.8	42
45	Using a simple digital camera and SPA-LDA modeling to screen teas. <i>Analytical Methods</i> , 2012, 4, 2648.	1.3	42
46	Hardness screening of water using a flow-batch photometric system. <i>Analytica Chimica Acta</i> , 2004, 518, 25-30.	2.6	41
47	A digital image-based flow-batch analyzer for determining Al(III) and Cr(VI) in water. <i>Microchemical Journal</i> , 2013, 109, 106-111.	2.3	41
48	Qualitative and quantitative analysis based on digital images to determine the adulteration of ketchup samples with Sudan I dye. <i>Food Chemistry</i> , 2020, 328, 127101.	4.2	41
49	Successive projections algorithm improving the multivariate simultaneous direct spectrophotometric determination of five phenolic compounds in sea water. <i>Microchemical Journal</i> , 2007, 85, 194-200.	2.3	40
50	A digital image-based micro-flow-batch analyzer. <i>Microchemical Journal</i> , 2013, 106, 238-243.	2.3	38
51	Implementation of an automatic standard addition method in a flow-batch system: application to copper determination in an alcoholic beverage by atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2003, 486, 143-148.	2.6	37
52	Highly sensitive quantitation of pesticides in fruit juice samples by modeling four-way data gathered with high-performance liquid chromatography with fluorescence excitation-emission detection. <i>Talanta</i> , 2016, 154, 208-218.	2.9	36
53	An inexpensive, portable and microcontrolled near infrared LED-photometer for screening analysis of gasoline. <i>Talanta</i> , 2008, 75, 792-796.	2.9	34
54	Automatized flow-batch method for fluorescent determination of free glycerol in biodiesel samples using on-line extraction. <i>Talanta</i> , 2012, 89, 21-26.	2.9	34

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55	Screening analysis of biodiesel feedstock using UV-Vis, NIR and synchronous fluorescence spectrometries and the successive projections algorithm. <i>Talanta</i> , 2012, 97, 579-583.	2.9	34
56	Scores selection via Fisher's discriminant power in PCA-LDA to improve the classification of food data. <i>Food Chemistry</i> , 2021, 363, 130296.	4.2	34
57	Simultaneous determination of hydroquinone, resorcinol, phenol, m-cresol and p-cresol in untreated air samples using spectrofluorimetry and a custom multiple linear regression-successive projection algorithm. <i>Talanta</i> , 2010, 83, 320-323.	2.9	33
58	Handling time misalignment and rank deficiency in liquid chromatography by multivariate curve resolution: Quantitation of five biogenic amines in fish. <i>Analytica Chimica Acta</i> , 2016, 902, 59-69.	2.6	32
59	Honey authentication in terms of its adulteration with sugar syrups using UV-Vis spectroscopy and one-class classifiers. <i>Food Chemistry</i> , 2021, 365, 130467.	4.2	32
60	A fast procedure for standard additions in flow injection analysis. <i>Analytica Chimica Acta</i> , 1985, 171, 337-343.	2.6	31
61	Classificação periódica: um exemplo didático para ensinar análise de componentes principais. <i>Química Nova</i> , 2010, 33, 1594-1597.	0.3	31
62	Quantification and identification of adulteration in the fat content of chicken hamburgers using digital images and chemometric tools. <i>LWT - Food Science and Technology</i> , 2019, 100, 20-27.	2.5	31
63	Using iSPA-PLS and NIR spectroscopy for the determination of total polyphenols and moisture in commercial tea samples. <i>Analytical Methods</i> , 2015, 7, 3379-3384.	1.3	30
64	Simultaneous identification of the wood types in aged cachas and their adulterations with wood extracts using digital images and SPA-LDA. <i>Food Chemistry</i> , 2019, 273, 77-84.	4.2	30
65	Indirect determination of sodium diclofenac, sodium dipyron and calcium gluconate in injection drugs using digital image-based (webcam) flame emission spectrometric method. <i>Analytical Methods</i> , 2011, 3, 1975.	1.3	29
66	Screening for Coffee Adulteration Using Digital Images and SPA-LDA. <i>Food Analytical Methods</i> , 2015, 8, 1515-1521.	1.3	29
67	Classification of individual cotton seeds with respect to variety using near-infrared hyperspectral imaging. <i>Analytical Methods</i> , 2016, 8, 8498-8505.	1.3	29
68	Optimal wavelet filter construction using X and Y data. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2004, 70, 1-10.	1.8	28
69	Multicommutated generation of concentration gradients in a flow-batch system for metronidazole spectrophotometric determination in drugs. <i>Analytica Chimica Acta</i> , 2004, 511, 113-118.	2.6	28
70	Geographical origin classification of Argentinean honeys using a digital image-based flow-batch system. <i>Microchemical Journal</i> , 2014, 112, 104-108.	2.3	28
71	Standard additions in flow injection analysis based on merging zones and gradient exploitation: application to copper determination in spirits. <i>Analytica Chimica Acta</i> , 1996, 319, 153-158.	2.6	27
72	A solution to the wavelet transform optimization problem in multicomponent analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2003, 66, 205-217.	1.8	27

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73	Vis-NIR spectrometric determination of Brix and sucrose in sugar production samples using kernel partial least squares with interval selection based on the successive projections algorithm. <i>Talanta</i> , 2018, 181, 38-43.	2.9	26
74	An automated flow-injection titrator for spectrophotometric determinations of total acidity in wines, using a single standard solution and gradient calibration. <i>Analyst, The</i> , 1999, 124, 1727-1730.	1.7	25
75	Improvement of prediction ability of PLS models employing the wavelet packet transform: A case study concerning FT-IR determination of gasoline parameters. <i>Talanta</i> , 2007, 71, 1136-1143.	2.9	25
76	Determination of tryptamine in foods using square wave adsorptive stripping voltammetry. <i>Talanta</i> , 2016, 154, 134-140.	2.9	25
77	An inexpensive NIR LED Webcam photometer for detection of adulterations in hydrated ethyl alcohol fuel. <i>Microchemical Journal</i> , 2017, 135, 148-152.	2.3	25
78	An automated FIA system to determine alcoholic grade in beverages based on Schlieren effect measurements using an LED-photocolorimeter. <i>Analyst, The</i> , 2002, 127, 324-327.	1.7	24
79	Two-dimensional linear discriminant analysis for classification of three-way chemical data. <i>Analytica Chimica Acta</i> , 2016, 938, 53-62.	2.6	24
80	Chemometrics-assisted color histogram-based analytical systems. <i>Journal of Chemometrics</i> , 2020, 34, e3242.	0.7	24
81	Analytical curve or standard addition method: how to elect and design a strategy applied to copper determination in sugarcane spirits using AAS. <i>Analyst, The</i> , 2002, 127, 1520-1525.	1.7	23
82	A microfluidic device with integrated fluorimetric detection for flow injection analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 715-723.	1.9	23
83	Flow batch miniaturization. <i>Talanta</i> , 2011, 86, 208-213.	2.9	23
84	A modification of the successive projections algorithm for spectral variable selection in the presence of unknown interferents. <i>Analytica Chimica Acta</i> , 2011, 689, 22-28.	2.6	23
85	Simultaneous voltammetric determination of four organic acids in fruit juices using multiway calibration. <i>Food Chemistry</i> , 2018, 266, 232-239.	4.2	23
86	In-situ authentication of goat milk in terms of its adulteration with cow milk using a low-cost portable NIR spectrophotometer. <i>Microchemical Journal</i> , 2021, 163, 105885.	2.3	23
87	Non-destructive authentication of Gourmet ground roasted coffees using NIR spectroscopy and digital images. <i>Food Chemistry</i> , 2021, 364, 130452.	4.2	22
88	A Monosegmented Flow Titration for the Spectrophotometric Determination of Total Acidity in Vinegar. <i>Analytical Sciences</i> , 1999, 15, 665-668.	0.8	21
89	A flow injection method for biampometric determination of dipyrone in pharmaceuticals. <i>Microchemical Journal</i> , 2004, 78, 91-96.	2.3	21
90	Simultaneous spectrometric determination of Cu <sup>2+</sup> , Mn <sup>2+</sup> and Zn <sup>2+</sup> in polivitaminic/polimineral drug using SPA and GA algorithms for variable selection. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 58-61.	0.6	21

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91	An ultrasonic-accelerated oxidation method for determining the oxidative stability of biodiesel. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 820-825.	3.8	21
92	Binary classification of chalcone derivatives with LDA or KNN based on their antileishmanial activity and molecular descriptors selected using the Successive Projections Algorithm feature-selection technique. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 51, 189-195.	1.9	21
93	Flow-Batch Analyzer for the Chemiluminescence Determination of Catecholamines in Pharmaceutical Preparations. <i>Analytical Letters</i> , 2011, 44, 67-81.	1.0	20
94	A flow-batch analyzer for UV-Vis spectrophotometric detection of adulteration in distilled spirits. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 1061-1067.	0.6	20
95	Automatic microemulsion preparation for metals determination in fuel samples using a flow-batch analyzer and graphite furnace atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2012, 727, 34-40.	2.6	20
96	Using color histograms and SPA-LDA to classify bacteria. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5989-5995.	1.9	20
97	Differentiation of cumin seeds using a metal-oxide based gas sensor array in tandem with chemometric tools. <i>Talanta</i> , 2018, 176, 221-226.	2.9	20
98	A chemometric cleanup using multivariate curve resolution in liquid chromatography: Quantification of pesticide residues in vegetables. <i>Microchemical Journal</i> , 2017, 134, 131-139.	2.3	20
99	A flow-batch analyzer with piston propulsion applied to automatic preparation of calibration solutions for Mn determination in mineral waters by ET AAS. <i>Talanta</i> , 2007, 73, 906-912.	2.9	19
100	Ensemble wavelet modelling for determination of wheat and gasoline properties by near and middle infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2010, 682, 37-47.	2.6	19
101	Electrochemical oxidation and electroanalytical determination of xylitol at a boron-doped diamond electrode. <i>Talanta</i> , 2014, 119, 509-516.	2.9	19
102	Calibration transfer employing univariate correction and robust regression. <i>Analytica Chimica Acta</i> , 2015, 864, 1-8.	2.6	19
103	Voltammetric determination of tartaric acid in wines by electrocatalytic oxidation on a cobalt(II)-phthalocyanine-modified electrode associated with multiway calibration. <i>Analytica Chimica Acta</i> , 2018, 1008, 29-37.	2.6	19
104	A Linear Semi-infinite Programming Strategy for Constructing Optimal Wavelet Transforms in Multivariate Calibration Problems. <i>Journal of Chemical Information and Computer Sciences</i> , 2003, 43, 928-933.	2.8	18
105	A digital image-based traceability tool of the geographical origins of Argentine propolis. <i>Microchemical Journal</i> , 2016, 128, 62-67.	2.3	18
106	An automatic flow-batch standard-addition method for sodium determination in alcohol fuel by flame photometry. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 249-253.	0.6	17
107	A coulometric flow cell for in-line generation of reagent, titrant or standard solutions. <i>Microchemical Journal</i> , 2006, 82, 220-225.	2.3	17
108	Automatic determination of chlorine without standard solutions using a biamperometric flow-batch analysis system. <i>Talanta</i> , 2010, 81, 609-613.	2.9	17

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109	Turbidimetric and photometric determination of total tannins in tea using a micro-flow-batch analyzer. <i>Talanta</i> , 2012, 88, 717-723.	2.9	17
110	Near-infrared spectrometric determination of dipyrone in closed ampoules. <i>Talanta</i> , 2012, 92, 84-86.	2.9	17
111	Microcystin-LR and chemically degraded microcystin-LR electrochemical oxidation. <i>Analyst</i> , The, 2012, 137, 1904.	1.7	17
112	Determination of sodium and calcium in powder milk using digital image-based flame emission spectrometry. <i>Analytical Methods</i> , 2014, 6, 1044-1050.	1.3	17
113	A Conductimetric System Based on Polyaniline for Determination of Ammonia in Fertilizers. <i>Analytical Letters</i> , 1997, 30, 2189-2209.	1.0	16
114	An automatic titrator based on a multicommutated unsegmented flow system. <i>Analytica Chimica Acta</i> , 2000, 407, 213-223.	2.6	16
115	Prior assay as an approach to flow titrations. Spectrophotometric determination of iron in alloys and ores. <i>Analytica Chimica Acta</i> , 2000, 416, 231-237.	2.6	16
116	Multi-core computation in chemometrics: case studies of voltammetric and NIR spectrometric analyses. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1626-1634.	0.6	15
117	Photometric determination of phosphorus in mineralized biodiesel using a micro-flow-batch analyzer with solenoid micro-pumps. <i>Talanta</i> , 2012, 98, 118-122.	2.9	15
118	A micro-flow-batch analyzer with solenoid micro-pumps for the photometric determination of iodate in table salt. <i>Talanta</i> , 2012, 100, 308-312.	2.9	15
119	Eco-friendly sonoluminescent determination of free glycerol in biodiesel samples. <i>Talanta</i> , 2013, 114, 38-42.	2.9	15
120	Accurate automatic titration procedure for low sharpness and dichroism in end point detection using digital movies as detection technique. <i>Microchemical Journal</i> , 2017, 133, 593-599.	2.3	15
121	Digital image-based tracing of geographic origin, winemaker, and grape type for red wine authentication. <i>Food Chemistry</i> , 2020, 312, 126060.	4.2	15
122	Variable selection in the chemometric treatment of food data: A tutorial review. <i>Food Chemistry</i> , 2022, 370, 131072.	4.2	15
123	Sub-optimal wavelet denoising of coaveraged spectra employing statistics from individual scans. <i>Analytica Chimica Acta</i> , 2007, 581, 159-167.	2.6	14
124	Multivariate analysis of the dielectric response of materials modeled using networks of resistors and capacitors. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2013, 20, 995-1008.	1.8	14
125	The Successive Projections Algorithm for interval selection in trilinear partial least-squares with residual bilinearization. <i>Analytica Chimica Acta</i> , 2014, 811, 13-22.	2.6	14
126	Screening analysis of natural gas with respect to methane content by near-infrared spectrometry. <i>Microchemical Journal</i> , 2014, 114, 210-215.	2.3	14



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127	Simultaneous determination of methyl, ethyl, propyl, and butyl parabens in sweetener samples without any previous pretreatment using square wave voltammetry and multiway calibration. <i>Food Chemistry</i> , 2021, 365, 130472.	4.2	13
128	Thermogravimetric determination of l-ascorbic acid in non-effervescent formulations using multiple linear regression with temperature selection by the successive projections algorithm. <i>Thermochemica Acta</i> , 2011, 526, 200-204.	1.2	12
129	Precipitation titrations using an automatic titrator based on a multicommutated unsegmented flow system. <i>Analyst, The</i> , 2000, 125, 333-340.	1.7	11
130	The successive projections algorithm for interval selection in partial least squares discriminant analysis. <i>Analytical Methods</i> , 2016, 8, 7522-7530.	1.3	11
131	A fast and sensitive flow-batch method with hydride generating and atomic fluorescence spectrometric detection for automated inorganic antimony speciation in waters. <i>Talanta</i> , 2020, 207, 119834.	2.9	11
132	Implementation of a Generalized Standard Addition Method in a Flow Injection System Using Merging-Zones and Gradient Exploitation.. <i>Analytical Sciences</i> , 1999, 15, 1235-1240.	0.8	10
133	Kinetics independent spectrometric analysis using non-linear calibration modelling and exploitation of concentration gradients generated by a flow batch system for albumin and total protein determination in blood serum. <i>Talanta</i> , 2010, 82, 1027-1032.	2.9	10
134	A monosegmented flow-batch system for slow reaction kinetics: Spectrophotometric determination of boron in plants. <i>Talanta</i> , 2012, 94, 111-115.	2.9	10
135	A flow batch luminometer. <i>Microchemical Journal</i> , 2013, 108, 151-155.	2.3	10
136	Second order capillary electrophoresis diode array detector data modeled with the Tucker3 algorithm: A novel strategy for Argentinean white wine discrimination respect to grape variety. <i>Electrophoresis</i> , 2016, 37, 1902-1908.	1.3	10
137	Screening analysis of garlic-oil capsules by infrared spectroscopy and chemometrics. <i>Microchemical Journal</i> , 2017, 133, 480-484.	2.3	10
138	Macroemulsion-based dispersive magnetic solid phase extraction for preconcentration and determination of copper(II) in gasoline. <i>Mikrochimica Acta</i> , 2018, 185, 99.	2.5	10
139	Emitter/receiver piezoelectric films coupled to flow-batch analyzer for acoustic determination of free glycerol in biodiesel without chemicals/external pretreatment. <i>Microchemical Journal</i> , 2018, 138, 296-302.	2.3	10
140	Chromatographic quantification of seven pesticide residues in vegetable: Univariate and multiway calibration comparison. <i>Microchemical Journal</i> , 2020, 152, 104301.	2.3	10
141	Feasibility study on quantification and authentication of the cassava starch content in wheat flour for bread-making using NIR spectroscopy and digital images. <i>Food Chemistry</i> , 2022, 368, 130843.	4.2	10
142	Flow injection determination of metronidazole through spectrophotometric measurement of the nitrite ion produced upon alkaline hydrolysis. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 609-613.	0.6	10
143	Simultaneous multielemental determination using a low-resolution inductively coupled plasma spectrometer/diode array detection system. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1997, 52, 2151-2161.	1.5	9
144	Simultaneous Analysis of Co <sup>2+</sup> , Cu <sup>2+</sup> Mn <sup>2+</sup> , Ni <sup>2+</sup> and Zn <sup>2+</sup> in The Ultraviolet Region Using 4-(Pyridil-2-AZO) Resorcinol and Multivariate Calibration. <i>Analytical Letters</i> , 2000, 33, 1187-1202.	1.0	9

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145	Screening analysis of river seston downstream of an effluent discharge point using near-infrared reflectance spectrometry and wavelet-based spectral region selection. <i>Water Research</i> , 2005, 39, 3089-3097.	5.3	9
146	Improving the computational efficiency of the successive projections algorithm by using a sequential regression implementation: a case study involving nir spectrometric analysis of wheat samples. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 760-763.	0.6	9
147	Automatic Flow-Batch Approach Using CdTe Quantum Dots for Fluorescent Determination of Ascorbic Acid in Fruit Juices. <i>Food Analytical Methods</i> , 2014, 7, 1598-1603.	1.3	9
148	In-line single-phase extraction for direct determination of total iron in oils using CdTe quantum dots and a flow-batch system. <i>Analytical Methods</i> , 2015, 7, 7707-7714.	1.3	9
149	Adsorptive Stripping Voltammetric Determination of Trace Level Ricin in Castor Seeds Using a Boron-doped Diamond Electrode. <i>Electroanalysis</i> , 2017, 29, 1783-1793.	1.5	9
150	Fluorescent fingerprints of edible oils and biodiesel by means total synchronous fluorescence and Tucker3 modeling. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 185-190.	2.0	9
151	A digital capture movie-based robotized Flow-batch luminometer for in-line magnetic nanoparticle solid phase extraction and chemiluminescent measurement. <i>Microchemical Journal</i> , 2020, 153, 104387.	2.3	9
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