

# MarÃ-a Cruz Ortiz

## List of Publications by Year in descending order

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126  
papers

2,980  
citations

172207

29  
h-index

223531

46  
g-index

126  
all docs

126  
docs citations

126  
times ranked

2603  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selecting variables for k-means cluster analysis by using a genetic algorithm that optimises the silhouettes. <i>Analytica Chimica Acta</i> , 2004, 515, 87-100.	2.6	162
2	DETARCHI: A program for detection limits with specified assurance probabilities and characteristic curves of detection. <i>TrAC - Trends in Analytical Chemistry</i> , 1994, 13, 1-6.	5.8	124
3	Sensitivity and specificity of PLS-class modelling for five sensory characteristics of dry-cured ham using visible and near infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2006, 558, 125-131.	2.6	110
4	Capability of detection of an analytical method evaluating false positive and false negative (ISO 11843) with partial least squares. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2003, 69, 21-33.	1.8	106
5	Response Surface Methodology. , 2009, , 345-390.		86
6	Quantitative determination in chromatographic analysis based on n-way calibration strategies. <i>Journal of Chromatography A</i> , 2007, 1158, 94-110.	1.8	85
7	Optimisation of a flow injection system with electrochemical detection using the desirability function. <i>Analytica Chimica Acta</i> , 2003, 479, 173-184.	2.6	76
8	Advances in methodology for the validation of methods according to the International Organization for Standardization. <i>Journal of Chromatography A</i> , 2003, 992, 11-27.	1.8	72
9	Tutorial on evaluation of type I and type II errors in chemical analyses: From the analytical detection to authentication of products and process control. <i>Analytica Chimica Acta</i> , 2010, 674, 123-142.	2.6	61
10	Robust regression techniquesA useful alternative for the detection of outlier data in chemical analysis. <i>Talanta</i> , 2006, 70, 499-512.	2.9	60
11	Multivariate calibration transfer applied to the routine polarographic determination of copper, lead, cadmium and zinc. <i>Analytica Chimica Acta</i> , 1997, 348, 51-59.	2.6	47
12	Analysis of protein chromatographic profiles joint to partial least squares to detect adulterations in milk mixtures and cheeses. <i>Talanta</i> , 2010, 81, 255-264.	2.9	47
13	Optimization of the derivatization reaction and the solid-phase microextraction conditions using a D-optimal design and three-way calibration in the determination of non-steroidal anti-inflammatory drugs in bovine milk by gas chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 4487-4497.	1.8	47
14	Handling intrinsic non-linearity in near-infrared reflectance spectroscopy. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1999, 49, 215-224.	1.8	45
15	Determination and identification, according to European Union Decision 2002/657/EC, of malachite green and its metabolite in fish by liquid chromatographyâ€“tandem mass spectrometry using an optimized extraction procedure and three-way calibration. <i>Journal of Chromatography A</i> , 2009, 1216, 5472-5482.	1.8	45
16	Optimization of a GC/MS procedure that uses parallel factor analysis for the determination of bisphenols and their diglycidyl ethers after migration from polycarbonate tableware. <i>Talanta</i> , 2013, 106, 266-280.	2.9	45
17	Capability of detection and three-way data. <i>Analytica Chimica Acta</i> , 2006, 559, 124-136.	2.6	43
18	Advantages of PARAFAC calibration in the determination of malachite green and its metabolite in fish by liquid chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1187, 1-10.	1.8	43

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19	Validation of an analytical method to determine sulfamides in kidney by HPLC-DAD and PARAFAC2 with first-order derivative chromatograms. <i>Analytica Chimica Acta</i> , 2007, 587, 222-234.	2.6	42
20	Migration test of Bisphenol A from polycarbonate cups using excitation-emission fluorescence data with parallel factor analysis. <i>Talanta</i> , 2017, 167, 367-378.	2.9	42
21	Multiresponse optimization and parallel factor analysis, useful tools in the determination of estrogens by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1157, 358-368.	1.8	40
22	Usefulness of D-optimal designs and multicriteria optimization in laborious analytical procedures. <i>Journal of Chromatography A</i> , 2005, 1085, 190-198.	1.8	36
23	Analysis and comparison of SIMCA models for denominations of origin of wines from de Canary Islands (Spain) builds by means of their trace and ultratrace metals content. <i>Analytica Chimica Acta</i> , 2002, 472, 161-174.	2.6	35
24	Optimization of a headspace solid-phase microextraction and gas chromatography/mass spectrometry procedure for the determination of aromatic amines in water and in polyamide spoons. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 133, 121-135.	1.8	34
25	Building robust calibration models for the analysis of estrogens by gas chromatography with mass spectrometry detection. <i>Analytica Chimica Acta</i> , 2004, 526, 139-146.	2.6	33
26	Fluorescence quantification of tetracycline in the presence of quenching matrix effect by means of a four-way model. <i>Talanta</i> , 2009, 77, 1129-1136.	2.9	33
27	Modelling phenolic and technological maturities of grapes by means of the multivariate relation between organoleptic and physicochemical properties. <i>Analytica Chimica Acta</i> , 2013, 761, 53-61.	2.6	33
28	Usefulness of parallel factor analysis to handle the matrix effect in the fluorescence determination of tetracycline in whey milk. <i>Analytica Chimica Acta</i> , 2009, 632, 42-51.	2.6	32
29	Vectorial optimization as a methodological alternative to desirability function. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006, 83, 157-168.	1.8	31
30	Rapid determination of sulfonamides in milk samples using fluorescence spectroscopy and class modeling with n-way partial least squares. <i>Analytica Chimica Acta</i> , 2007, 585, 350-360.	2.6	31
31	Identification and quantification of ciprofloxacin in urine through excitation-emission fluorescence and three-way PARAFAC calibration. <i>Analytica Chimica Acta</i> , 2009, 642, 193-205.	2.6	31
32	Potential of front face fluorescence associated to PLS regression to predict nutritional parameters in heat treated infant formula models. <i>Analytica Chimica Acta</i> , 2008, 606, 151-158.	2.6	30
33	A new multiresponse optimization approach in combination with a D-Optimal experimental design for the determination of biogenic amines in fish by HPLC-FLD. <i>Analytica Chimica Acta</i> , 2016, 945, 31-38.	2.6	30
34	A study of robustness with multivariate calibration. Application to the polarographic determination of benzaldehyde. <i>Talanta</i> , 2002, 56, 1039-1048.	2.9	29
35	Using continuum regression for quantitative analysis with overlapping signals obtained by differential pulse polarography. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1996, 34, 245-262.	1.8	28
36	Outliers in partial least squares regression. <i>Analytica Chimica Acta</i> , 2005, 544, 60-70.	2.6	28

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37	Focused microwave-assisted Soxhlet extraction of acorn oil for determination of the fatty acid profile by GC-MS. Comparison with conventional and standard methods. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 451-462.	1.9	28
38	Identification and quantification of carbamate pesticides in dried lime tree flowers by means of excitation-emission molecular fluorescence and parallel factor analysis when quenching effect exists. <i>Analytica Chimica Acta</i> , 2014, 820, 9-22.	2.6	27
39	Design of bespoke lightweight cement mortars containing waste expanded polystyrene by experimental statistical methods. <i>Materials and Design</i> , 2016, 89, 901-912.	3.3	27
40	Minimum value assured by a method to determine gold in alloys by using laser-induced breakdown spectroscopy and partial least-squares calibration model. <i>Analytica Chimica Acta</i> , 2004, 515, 151-157.	2.6	26
41	Quality control decisions with near infrared data. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2000, 53, 69-80.	1.8	25
42	Determination of the capability of detection of a hyphenated method: application to spectroelectrochemistry. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2002, 61, 63-74.	1.8	25
43	Standard addition method based on four-way PARAFAC decomposition to solve the matrix interferences in the determination of carbamate pesticides in lettuce using excitation-emission fluorescence data. <i>Talanta</i> , 2015, 138, 86-99.	2.9	25
44	Methodology of multicriteria optimization in chemical analysis Some applications in stripping voltammetry. <i>Talanta</i> , 2005, 65, 246-254.	2.9	24
45	A multivariate multianalyte screening method for sulfonamides in milk based on front-face fluorescence spectroscopy. <i>Analytica Chimica Acta</i> , 2010, 657, 136-146.	2.6	24
46	Optimization of headspace experimental factors to determine chlorophenols in water by means of headspace solid-phase microextraction and gas chromatography coupled with mass spectrometry and parallel factor analysis. <i>Analytica Chimica Acta</i> , 2012, 754, 20-30.	2.6	24
47	Pareto-optimal front as a tool to study the behaviour of experimental factors in multi-response analytical procedures. <i>Analytica Chimica Acta</i> , 2008, 624, 210-222.	2.6	23
48	The behaviour of Tenax as food simulant in the migration of polymer additives from food contact materials by means of gas chromatography/mass spectrometry and PARAFAC. <i>Journal of Chromatography A</i> , 2019, 1589, 18-29.	1.8	23
49	The maintenance of a PARAFAC calibration and the second-order property: application to the determination of ciprofloxacin in presence of enrofloxacin by excitation-emission fluorescence. <i>Analytica Chimica Acta</i> , 2005, 544, 327-336.	2.6	22
50	Improving the visualization of the Pareto-optimal front for the multi-response optimization of chromatographic determinations. <i>Analytica Chimica Acta</i> , 2011, 687, 129-136.	2.6	22
51	Develop of a multiway chemometric-based analytical method fulfilling regulatory identification criteria: Application to GC-MS pesticide residue analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 910, 122-137.	1.2	22
52	Migration kinetics of primary aromatic amines from polyamide kitchenware: Easy and fast screening procedure using fluorescence. <i>Talanta</i> , 2016, 160, 46-55.	2.9	21
53	Easy-to-use procedure to optimise a chromatographic method. Application in the determination of bisphenol-A and phenol in toys by means of liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2018, 1534, 93-100.	1.8	20
54	Multivariate analytical sensitivity in the determination of selenium, copper, lead and cadmium by stripping voltammetry when using soft calibration. <i>Analytica Chimica Acta</i> , 2003, 489, 85-94.	2.6	19

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55	Optimization of the chromatographic conditions for the determination of hormones by gas chromatography with mass spectrometry detection. <i>Analytica Chimica Acta</i> , 2005, 544, 26-35.	2.6	19
56	Optimization of a FIA system with amperometric detection by means of a desirability function. Determination of sulfadiazine, sulfamethazine and sulfamerazine in milk. <i>Talanta</i> , 2008, 75, 274-283.	2.9	19
57	Study of robustness based on n-way models in the spectrofluorimetric determination of tetracyclines in milk when quenching exists. <i>Analytica Chimica Acta</i> , 2009, 651, 149-158.	2.6	19
58	Experimental design for the optimization of the derivatization reaction in determining chlorophenols and chloroanisoles by headspace-solid-phase microextraction-gas chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1296, 179-195.	1.8	19
59	Usefulness of PARAFAC for the Quantification, Identification, and Description of Analytical Data. <i>Data Handling in Science and Technology</i> , 2015, , 37-81.	3.1	19
60	Prediction of Zamorano cheese quality by near-infrared spectroscopy assessing false non-compliance and false compliance at minimum permitted limits stated by designation of origin regulations. <i>Talanta</i> , 2012, 99, 558-565.	2.9	18
61	Determination of dichlobenil and its major metabolite (BAM) in onions by PTV-GC-MS using PARAFAC2 and experimental design methodology. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 133, 92-108.	1.8	18
62	Optimum pH for the determination of bisphenols and their corresponding diglycidyl ethers by gas chromatography-mass spectrometry. Migration kinetics of bisphenol A from polycarbonate glasses. <i>Journal of Chromatography A</i> , 2014, 1360, 23-38.	1.8	18
63	Three-way PARAFAC decomposition of chromatographic data for the unequivocal identification and quantification of compounds in a regulatory framework. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020, 200, 104003.	1.8	18
64	D-optimal designs and N-way techniques to determine sulfathiazole in milk by molecular fluorescence spectroscopy. <i>Analytica Chimica Acta</i> , 2011, 707, 38-46.	2.6	17
65	Preliminary results of an interlaboratory study of chemometric software and methods on NIR data. Predicting the content of crude protein and water in forages. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2002, 63, 93-105.	1.8	16
66	D-optimal experimental design coupled with parallel factor analysis 2 decomposition a useful tool in the determination of triazines in oranges by programmed temperature vaporization-gas chromatography-mass spectrometry when using dispersive-solid phase extraction. <i>Journal of Chromatography A</i> , 2013, 1288, 111-126.	1.8	16
67	Improvement in the identification and quantification of UV filters and additives in sunscreen cosmetic creams by gas chromatography/mass spectrometry through three-way calibration techniques. <i>Talanta</i> , 2019, 205, 120156.	2.9	16
68	Capability of discrimination: application to soft calibration methods. <i>Analytica Chimica Acta</i> , 2001, 446, 295-309.	2.6	15
69	Psychophysical parameters of colour and the chemometric characterisation of wines of the certified denomination of origin "Rioja"™. <i>Analytica Chimica Acta</i> , 2001, 446, 157-167.	2.6	15
70	Analysis of interferents by means a D-optimal screening design and calibration using partial least squares regression in the spectrophotometric determination of Cr(VI). <i>Talanta</i> , 2007, 71, 1599-1609.	2.9	15
71	Dealing with the ubiquity of phthalates in the laboratory when determining plasticizers by gas chromatography/mass spectrometry and PARAFAC. <i>Journal of Chromatography A</i> , 2016, 1464, 124-140.	1.8	15
72	Combining excitation-emission matrix fluorescence spectroscopy, parallel factor analysis, cyclodextrin-modified micellar electrokinetic chromatography and partial least squares class-modelling for green tea characterization. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 311-317.	1.4	15

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73	A new approach based on inversion of a partial least squares model searching for a preset analytical target profile. Application to the determination of five bisphenols by liquid chromatography with diode array detector. <i>Analytica Chimica Acta</i> , 2021, 1149, 338217.	2.6	14
74	Soft calibration in a flow system with electrochemical detection. <i>Analytica Chimica Acta</i> , 2001, 446, 267-277.	2.6	13
75	Fluorescence determination of cochineal in strawberry jam in the presence of carmoisine as a quencher by means of four-way PARAFAC decomposition. <i>Food Chemistry</i> , 2019, 290, 178-186.	4.2	13
76	Determination of cochineal and erythrosine in cherries in syrup in the presence of quenching effect by means of excitation-emission fluorescence data and three-way PARAFAC decomposition. <i>Talanta</i> , 2019, 196, 153-162.	2.9	13
77	Determination of quinolones by fluorescent excitation emission. <i>Talanta</i> , 2004, 64, 442-451.	2.9	12
78	Class-modelling techniques that optimize the probabilities of false noncompliance and false compliance. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2010, 103, 25-42.	1.8	12
79	Unequivocal identification and quantification of PAHs content in ternary synthetic mixtures and in smoked tuna by means of excitation-emission fluorescence spectroscopy coupled with PARAFAC. <i>Microchemical Journal</i> , 2020, 154, 104561.	2.3	12
80	Optimization of a solid-phase extraction procedure in the fluorimetric determination of sulfonamides in milk using the second-order advantage of PARAFAC and D-optimal design. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 923-935.	1.9	11
81	On the construction of experimental designs for a given task by jointly optimizing several quality criteria: Pareto-optimal experimental designs. <i>Analytica Chimica Acta</i> , 2012, 754, 39-46.	2.6	11
82	Usefulness of a PARAFAC decomposition in the fiber selection procedure to determine chlorophenols by means SPME-GC-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1095-1107.	1.9	11
83	Distribution free methods to model the content of biogenic amines in Spanish wines. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016, 155, 191-199.	1.8	11
84	HPLC-DAD and PARAFAC for the determination of bisphenol-A and another four bisphenols migrating from BPA-free polycarbonate glasses. <i>Microchemical Journal</i> , 2021, 168, 106413.	2.3	11
85	Method operable design region obtained with a partial least squares model inversion in the determination of ten polycyclic aromatic hydrocarbons by liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2021, 1657, 462577.	1.8	11
86	Maintenance of Soft Calibration Models in the Determination of Zinc, Cadmium, Lead and Copper by Differential Pulse Anodic Stripping Voltammetry. <i>Electroanalysis</i> , 2004, 16, 748-756.	1.5	10
87	How to search the experimental conditions that improve a Partial Least Squares calibration model. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2008, 92, 71-82.	1.8	10
88	A useful tool for computation and interpretation of trading-off solutions through pareto-optimal front in the field of experimental designs for mixtures. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016, 158, 210-217.	1.8	10
89	Kinetic models of migration of melamine and formaldehyde from melamine kitchenware with data of liquid chromatography. <i>Journal of Chromatography A</i> , 2019, 1599, 115-124.	1.8	10
90	Quality of Analytical Measurements: Univariate Regression. , 2009, , 127-169.		9

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91	A computational approach to partial least squares model inversion in the framework of the process analytical technology and quality by design initiatives. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2018, 182, 70-78.	1.8	9
92	D-optimal design used to optimize a multi-response class-modelling method. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009, 95, 138-143.	1.8	8
93	Study of the effect of the presence of silver nanoparticles on migration of bisphenol A from polycarbonate glasses into food simulants. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2018, 176, 66-73.	1.8	8
94	Impact of the pretreatment of ATR-FTIR signals on the figures of merit when PLS is used. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020, 201, 104006.	1.8	8
95	Residual spaces in latent variables model inversion and their impact in the design space for given quality characteristics. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020, 203, 104040.	1.8	8
96	Robustness testing in the determination of seven drugs in animal muscle by liquid chromatography-tandem mass spectrometry. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016, 151, 172-180.	1.8	7
97	Advantages of a programmed temperature vaporizer inlet and parallel factor analysis in the determination of triazines in the presence of non-intentionally added substances by gas chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1131-1143.	1.9	6
98	Selection of nearly orthogonal blocks in <i>ad-hoc</i> ™ experimental designs. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 133, 109-120.	1.8	6
99	Signal transfer with excitation-emission matrices between a portable fluorimeter based on light-emitting diodes and a master fluorimeter. <i>Sensors and Actuators B: Chemical</i> , 2019, 285, 240-247.	4.0	6
100	Partial least squares model inversion in the chromatographic determination of triazines in water. <i>Microchemical Journal</i> , 2021, 164, 105971.	2.3	6
101	Simultaneous class-modelling in chemometrics: A generalization of Partial Least Squares class modelling for more than two classes by using error correcting output code matrices. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2022, 227, 104614.	1.8	6
102	A program for non-orthogonal rotation in factor analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 1993, 12, 226-230.	5.8	5
103	Optimization of analytical conditions and validation of a fluorescence method for the determination of sulfadiazine in milk. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 957-968.	1.9	5
104	Effect of the cleaning procedure of Tenax on its reuse in the determination of plasticizers after migration by gas chromatography/mass spectrometry. <i>Talanta</i> , 2018, 182, 505-522.	2.9	5
105	Determination of polymer additive residues that migrate from coffee capsules by means of stir bar sorptive extraction-gas chromatography-mass spectrometry and PARAFAC decomposition. <i>Food Packaging and Shelf Life</i> , 2021, 28, 100664.	3.3	5
106	Performance characteristics according to Commission Decision 2002/657/EC in the fluorimetric determination of tetracycline in the absence and in the presence of magnesium. <i>Luminescence</i> , 2007, 22, 518-526.	1.5	4
107	Parallel factor analysis for monitoring data from a grape harvest in Qualified Designation of Origin Rioja including spatial and temporal variability. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 146, 347-353.	1.8	4
108	Desirability functions as response in a <i>ad-hoc</i> ™ optimal design for evaluating the extraction and purification steps of six tranquilizers and an antiadrenergic by liquid chromatography-tandem mass spectrometry. <i>Journal of Chemometrics</i> , 2016, 30, 58-69.	0.7	4

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109	Chapter 1 Introduction to Ranking Methods. <i>Data Handling in Science and Technology</i> , 2008, , 1-50.	3.1	3
110	Ad-hoc blocked design for the robustness study in the determination of dichlobenil and 2,6-dichlorobenzamide in onions by programmed temperature vaporization-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1370, 187-199.	1.8	3
111	Detection of cold chain breaks using partial least squares-class modelling based on biogenic amine profiles in tuna. <i>Talanta</i> , 2019, 202, 443-451.	2.9	3
112	D-Optimal Design and PARAFAC as Useful Tools for the Optimisation of Signals from Fluorescence Spectroscopy Prior to the Characterisation of Green Tea Samples. <i>Food Analytical Methods</i> , 2019, 12, 761-772.	1.3	3
113	Quality of Analytical Measurements: Univariate Regression. , 2020, , 71-105.		3
114	A modified entropy-based performance criterion for class-modelling with multiple classes. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021, 217, 104423.	1.8	3
115	Performance of the orthogonal least median squares regression. <i>Analytica Chimica Acta</i> , 1997, 348, 11-18.	2.6	2
116	Quality of Analytical Measurements: Statistical Methods for Internal Validation. , 2009, , 17-76.		2
117	Impact of time and temperature of storage on the spoilage of swordfish and the evolution of biogenic amines through a multiway model. <i>Journal of Chemometrics</i> , 2018, 32, e2965.	0.7	2
118	Handling Variables, via Inversion of Partial Least Squares Models for Class-Modelling, to Bring Defective Items to Non-Defective Ones. <i>Frontiers in Chemistry</i> , 2021, 9, 681958.	1.8	2
119	Univariate data analysis versus multivariate approach in liquid chromatography. An application for melamine migration from food contact materials. <i>Microchemical Journal</i> , 2022, 181, 107648.	2.3	2
120	Quality of Analytical Measurements: Statistical Methods for Internal Validation. , 2020, , 1-52.		1
121	Procedure to explore a ternary mixture diagram to find the appropriate gradient profile in liquid chromatography with fluorescence detector. Application to determine four primary aromatic amines in napkins. <i>Journal of Chromatography A</i> , 2022, 1676, 463252.	1.8	1
122	Partial least squares fine-tuning by a bootstrap estimated signal-noise relation to weight the loadings. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2003, 68, 83-96.	1.8	0
123	Teaching chemometrics. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 1557-1560.	1.9	0
124	Two class-modelling techniques that give families of class-models and their relation with the structure of the data. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1941-1950.	1.9	0
125	Procedure to build a signal transfer set, independent of the target analytes, between a portable fluorimeter based on light-emitting diodes and a master fluorimeter. <i>Analytica Chimica Acta</i> , 2020, 1106, 33-41.	2.6	0
126	Principal component regression that minimizes the sum of the squares of the relative errors: Application in multivariate calibration models. <i>Journal of Chemometrics</i> , 2021, 35, e3341.	0.7	0