

# Santiago Maspoch

## List of Publications by Year in descending order

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125  
papers

3,683  
citations

109264

35  
h-index

168321

53  
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126  
all docs

126  
docs citations

126  
times ranked

2780  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Near-infrared spectroscopy in the pharmaceutical industry. <i>Analyst, The</i> , 1998, 123, 135R-150R.  | 1.7 | 212       |
| 2  | NIR calibration in non-linear systems: different PLS approaches and artificial neural networks. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2000, 50, 75-82.   | 1.8 | 148       |
| 3  | Study of pharmaceutical samples by NIR chemical-image and multivariate analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 696-713.  | 5.8 | 139       |
| 4  | Solving GC-MS problems with PARAFAC2. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 714-725.   | 5.8 | 134       |
| 5  | Simultaneous kinetic-spectrophotometric determination of levodopa and benserazide by bi- and three-way partial least squares calibration. <i>Talanta</i> , 2000, 53, 627-637.   | 2.9 | 95        |
| 6  | Diode-array detectors in flow-injection analysis Mixture resolution by multi-wavelength analysis. <i>Talanta</i> , 1987, 34, 987-993.   | 2.9 | 94        |
| 7  | Near Infrared Spectrometry and Pattern Recognition as Screening Methods for the Authentication of Virgin Olive Oils of Very Close Geographical Origins. <i>Journal of Near Infrared Spectroscopy</i> , 2000, 8, 45-52.                                    | 0.8 | 74        |
| 8  | Effect of Data Preprocessing Methods in Near-Infrared Diffuse Reflectance Spectroscopy for the Determination of the Active Compound in a Pharmaceutical Preparation. <i>Applied Spectroscopy</i> , 1997, 51, 240-246.                                     | 1.2 | 73        |
| 9  | Artificial Neural Networks for Multicomponent Kinetic Determinations. <i>Analytical Chemistry</i> , 1995, 67, 4477-4483.  | 3.2 | 71        |
| 10 | Calibration in non-linear near infrared reflectance spectroscopy: a comparison of several methods. <i>Analytica Chimica Acta</i> , 1999, 384, 207-214.  | 2.6 | 70        |
| 11 | An effective microfluidic based liquid-phase microextraction device ( $\hat{1}$ / <sub>4</sub> LPME) for extraction of non-steroidal anti-inflammatory drugs from biological and environmental samples. <i>Analytica Chimica Acta</i> , 2016, 946, 56-63. | 2.6 | 65        |
| 12 | Quantitation of the active compound and major excipients in a pharmaceutical formulation by near infrared diffuse reflectance spectroscopy with fibre optical probe. <i>Analytica Chimica Acta</i> , 1996, 333, 147-156.                                  | 2.6 | 62        |
| 13 | Determination of olive oil free fatty acid by fourier transform infrared spectroscopy. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1999, 76, 611-616.   | 0.8 | 62        |
| 14 | Separation of profen enantiomers by capillary electrophoresis using cyclodextrins as chiral selectors. <i>Journal of Chromatography A</i> , 1998, 793, 165-175.   | 1.8 | 61        |
| 15 | Analytical control of pharmaceutical production steps by near infrared reflectance spectroscopy. <i>Analytica Chimica Acta</i> , 1999, 392, 237-246.  | 2.6 | 61        |
| 16 | Enhanced chromatographic fingerprinting of herb materials by multi-wavelength selection and chemometrics. <i>Analytica Chimica Acta</i> , 2012, 710, 40-49.   | 2.6 | 59        |
| 17 | A mixed hard- and soft-modelling approach to study and monitor enzymatic systems in biological fluids. <i>Analytica Chimica Acta</i> , 2006, 567, 245-254.  | 2.6 | 55        |
| 18 | Multi-wavelength high-performance liquid chromatographic fingerprints and chemometrics to predict the antioxidant activity of <i>Turnera diffusa</i> as part of its quality control. <i>Journal of Chromatography A</i> , 2012, 1235, 68-76.              | 1.8 | 50        |

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|----|---|-----|-----------|
| 19 | A mixed hard- and soft-modelling approach for the quantitative determination of oxipurines and uric acid in human urine. <i>Analytica Chimica Acta</i> , 2006, 567, 236-244.  | 2.6 | 49        |
| 20 | Fast assessment of the surface distribution of API and excipients in tablets using NIR-hyperspectral imaging. <i>International Journal of Pharmaceutics</i> , 2011, 411, 27-35.   | 2.6 | 49        |
| 21 | Determination of sulphur dioxide by flow injection analysis with amperometric detection. <i>Analytica Chimica Acta</i> , 1986, 179, 445-451.  | 2.6 | 45        |
| 22 | Handling intrinsic non-linearity in near-infrared reflectance spectroscopy. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1999, 49, 215-224.   | 1.8 | 45        |
| 23 | Application of a photodiode array detector to multi-component determination by flow injection analysis. <i>Analyst, The</i> , 1987, 112, 619-622.   | 1.7 | 44        |
| 24 | Kinetic spectrophotometric determination of Ga(III)-Al(III) mixtures by stopped-flow injection analysis using principal component regression. <i>Talanta</i> , 1993, 40, 261-267.   | 2.9 | 43        |
| 25 | Principal Component Regression for Mixture Resolution in Control Analysis by UV-Visible Spectrophotometry. <i>Applied Spectroscopy</i> , 1994, 48, 37-43.   | 1.2 | 43        |
| 26 | Artificial neural networks and partial least squares regression for pseudo-first-order with respect to the reagent multicomponent kinetic-spectrophotometric determinations. <i>Analyst, The</i> , 1996, 121, 395-400.                    | 1.7 | 41        |
| 27 | The influence of particle size on the intensity and reproducibility of Raman spectra of compacted samples. <i>Vibrational Spectroscopy</i> , 2019, 100, 48-56.  | 1.2 | 40        |
| 28 | Simultaneous multiwavelength spectrophotometric quantitation of active components in analgesic formulations. Comparative study of three calculation methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1988, 6, 765-772. | 1.4 | 39        |
| 29 | Control analysis of a pharmaceutical preparation by near-infrared reflectance spectroscopy. <i>Analytica Chimica Acta</i> , 1994, 298, 183-191.   | 2.6 | 38        |
| 30 | Development and validation of a method for the analysis of a pharmaceutical preparation by near-infrared diffuse reflectance spectroscopy. <i>Journal of Pharmaceutical Sciences</i> , 1999, 88, 551-556.                                 | 1.6 | 38        |
| 31 | Determination of polymorphic purity by near infrared spectrometry. <i>Analytica Chimica Acta</i> , 2000, 407, 247-254.  | 2.6 | 38        |
| 32 | Influence of the procedure used to prepare the calibration sample set on the performance of near infrared spectroscopy in quantitative pharmaceutical analyses. <i>Analyst, The</i> , 2001, 126, 1129-1134.                               | 1.7 | 38        |
| 33 | A simple and fast Double-Flow microfluidic device based liquid-phase microextraction (DF- $\mu$ LPME) for the determination of parabens in water samples. <i>Talanta</i> , 2017, 165, 496-501.  | 2.9 | 37        |
| 34 | Kinetic spectrophotometric method for analyzing mixtures of metal ions by stopped-flow injection analysis using partial least-squares regression. <i>Analytical Chemistry</i> , 1994, 66, 2905-2911.                                      | 3.2 | 36        |
| 35 | Strategies for Constructing the Calibration Set in the Determination of Active Principles in Pharmaceuticals by Near Infrared Diffuse Reflectance Spectrometry. <i>Analyst, The</i> , 1997, 122, 761-765.                                 | 1.7 | 36        |
| 36 | Three-way partial least-squares regression for the simultaneous kinetic-enzymatic determination of xanthine and hypoxanthine in human urine. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 1380-1388.                        | 1.9 | 36        |

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|----|--|-----|-----------|
| 37 | Simultaneous kinetic spectrophotometric determination of o-, m-and p-aminophenol using partial least squares calibration. <i>Analyst, The</i> , 1996, 121, 407-412.  | 1.7 | 35        |
| 38 | Determination of Finishing Oils in Acrylic Fibres by Near-infrared Reflectance Spectrometry. <i>Analyst, The</i> , 1997, 122, 777-781.   | 1.7 | 33        |
| 39 | Near-infrared analytical control of pharmaceuticals. A single calibration model from mixed phase to coated tablets. <i>Analyst, The</i> , 1998, 123, 2307-2312.  | 1.7 | 33        |
| 40 | Spectrophotometric determination of pharmaceutical dosages by partial least-squares calibration. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1994, 12, 509-514.                                 | 1.4 | 31        |
| 41 | Partial least-squares regression for multicomponent kinetic determinations in linear and non-linear systems. <i>Analytica Chimica Acta</i> , 1995, 303, 309-320.   | 2.6 | 31        |
| 42 | Effect of orthogonal signal correction on the determination of compounds with very similar near infrared spectra. <i>Analytica Chimica Acta</i> , 2001, 431, 303-311.  | 2.6 | 30        |
| 43 | Application of near infrared spectral fingerprinting and pattern recognition techniques for fast identification of <i>Eleutherococcus senticosus</i> . <i>Food Research International</i> , 2011, 44, 557-565. | 2.9 | 30        |
| 44 | Spectrophotometric Analysis of a Pharmaceutical Preparation by Principal Component Regression. <i>Journal of Pharmaceutical Sciences</i> , 1993, 82, 834-837.  | 1.6 | 29        |
| 45 | Kinetic spectrophotometric determination of hydrocortisone acetate in a pharmaceutical preparation by use of partial least- squares regression. <i>Analyst, The</i> , 1999, 124, 911-915.                      | 1.7 | 29        |
| 46 | Evaluation of classical and three-way multivariate calibration procedures in kinetic-spectrophotometric analysis. <i>Analytica Chimica Acta</i> , 2000, 424, 115-126.  | 2.6 | 29        |
| 47 | Geographical Origin Classification of Petroleum Crudes from Near-Infrared Spectra of Bitumens. <i>Applied Spectroscopy</i> , 2001, 55, 834-839.  | 1.2 | 29        |
| 48 | Determination of ascorbic acid in pharmaceutical preparations by near infrared reflectance spectroscopy. <i>Talanta</i> , 1993, 40, 1671-1676.   | 2.9 | 28        |
| 49 | UV-spectrophotometric determination of ketoprofen and paraben in a gel preparation by partial least-squares calibration. <i>Fresenius' Journal of Analytical Chemistry</i> , 1997, 357, 967-972.               | 1.5 | 28        |
| 50 | Simultaneous enzymatic spectrophotometric determination of ethanol and methanol by use of artificial neural networks for calibration. <i>Analytica Chimica Acta</i> , 1999, 398, 83-92.                        | 2.6 | 28        |
| 51 | Parallel factor analysis combined with PLS regression applied to the on-line monitoring of <i>Pichia pastoris</i> cultures. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 1281-1288.              | 1.9 | 28        |
| 52 | Raman spectroscopy as a complementary tool to assess the content uniformity of dosage units in break-scored warfarin tablets. <i>International Journal of Pharmaceutics</i> , 2014, 465, 299-305.              | 2.6 | 28        |
| 53 | Chiral and nonchiral determination of ketoprofen in pharmaceuticals by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1998, 799, 301-307.  | 1.8 | 27        |
| 54 | Enzymatic synthesis of a thiolated chitosan-based wound dressing crosslinked with chicoric acid. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7943-7953.   | 2.9 | 27        |

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|----|--|-----|-----------|
| 55 | Use of diode-array detectors for the simultaneous spectrophotometric determination of calcium and magnesium by flow injection. <i>Analytica Chimica Acta</i> , 1989, 224, 23-30.   | 2.6 | 26        |
| 56 | A simple method for spectrophotometric determination of two-components with overlapped spectra. <i>Journal of Chemical Education</i> , 1989, 66, 178.  | 1.1 | 26        |
| 57 | Determination of water in ferrous lactate by near infrared reflectance spectroscopy with a fibre-optic probe. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997, 16, 255-262.  | 1.4 | 26        |
| 58 | Development and validation of a near infrared method for the analytical control of a pharmaceutical preparation in three steps of the manufacturing process. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 368, 534-539.     | 1.5 | 26        |
| 59 | On-line parallel factor analysis. A step forward in the monitoring of bioprocesses in real time. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2008, 92, 44-52.   | 1.8 | 26        |
| 60 | Determination of water in lubricating oils by mid- and near-infrared spectroscopy. <i>Mikrochimica Acta</i> , 1998, 128, 235-239.  | 2.5 | 25        |
| 61 | Circular dichroism spectra of cyclodextrins $\alpha$ -ketoprofen inclusion complexes. <i>Analytica Chimica Acta</i> , 2000, 407, 233-245.  | 2.6 | 24        |
| 62 | Application of partial least-squares regression to the resolution of highly correlated spectra. Simultaneous spectrofluorimetric determination of Al, Ga and In. <i>Talanta</i> , 1996, 43, 1489-1496.                                   | 2.9 | 23        |
| 63 | Wavelength Calibration Transfer between Diode Array UV-Visible Spectrophotometers. <i>Applied Spectroscopy</i> , 1995, 49, 593-597.  | 1.2 | 21        |
| 64 | Use of near-infrared spectrometry in control analyses of acrylic fibre manufacturing processes. <i>Analytica Chimica Acta</i> , 1999, 383, 291-298.  | 2.6 | 21        |
| 65 | Development and validation of methods for the determination of miokamycin in various pharmaceutical preparations by use of near infrared reflectance spectroscopy. <i>Analyst, The</i> , 1999, 124, 1089-1092.                           | 1.7 | 21        |
| 66 | An Introduction to Multivariate Curve Resolution-Alternating Least Squares: Spectrophotometric Study of the Acid $\alpha$ -Base Equilibria of 8-Hydroxyquinoline-5-sulfonic Acid. <i>Journal of Chemical Education</i> , 2007, 84, 1190. | 1.1 | 21        |
| 67 | Implementation of enhanced correlation maps in near infrared chemical images: Application in pharmaceutical research. <i>Talanta</i> , 2009, 79, 657-664.  | 2.9 | 21        |
| 68 | Multi-component analysis of concentrated solutions by flow-injection analysis with zone sampling and partial least-squares resolution. <i>Analytica Chimica Acta</i> , 1992, 259, 219-224.   | 2.6 | 20        |
| 69 | Simultaneous determination of metal ions. <i>Analytica Chimica Acta</i> , 1989, 226, 271-279.  | 2.6 | 19        |
| 70 | Analysis of cotton $\alpha$ -polyester yarns by near-infrared reflectance spectroscopy. <i>Analyst, The</i> , 1994, 119, 1779-1785.  | 1.7 | 19        |
| 71 | Determination of physico-chemical parameters for bitumens using near infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2001, 434, 133-141.  | 2.6 | 19        |
| 72 | Impedance model for voltage optimization of parabens extraction in an electromembrane millifluidic device. <i>Journal of Chromatography A</i> , 2020, 1625, 461270.  | 1.8 | 18        |

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|----|---|-----|-----------|
| 73 | Simultaneous determination of metal ions. <i>Analytica Chimica Acta</i> , 1989, 222, 271-279.   | 2.6 | 17        |
| 74 | On-line monitoring of starch enzymatic hydrolysis by near- infrared spectroscopy. <i>Analyst, The</i> , 2000, 125, 749-752.   | 1.7 | 17        |
| 75 | An efficient microfluidic device based on electromembrane extraction for the simultaneous extraction of acidic and basic drugs. <i>Analytica Chimica Acta</i> , 2021, 1160, 338448.   | 2.6 | 17        |
| 76 | Catalytic determination of manganese at ultra-trace levels by flow injection analysis. <i>Analyst, The</i> , 1986, 111, 69-72.  | 1.7 | 16        |
| 77 | 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        |
| 78 | Direct determination of leather dyes by visible reflectance spectroscopy using partial least-squares regression. <i>Analytica Chimica Acta</i> , 2000, 419, 209-214.  | 2.6 | 15        |
| 79 | Determination of the penetration value of bitumens by near infrared spectroscopy. <i>Analyst, The</i> , 2000, 125, 1823-1828.   | 1.7 | 15        |
| 80 | Determination of cyanide by a highly sensitive indirect spectrophotometric method. <i>Talanta</i> , 1984, 31, 85-87.  | 2.9 | 14        |
| 81 | Simultaneous determination of two components by spectrofluorimetric techniques. <i>Analytica Chimica Acta</i> , 1990, 233, 159-163.   | 2.6 | 14        |
| 82 | Partial least-squares regression for the quantitation of pharmaceutical dosages in control analyses. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1996, 15, 329-338.  | 1.4 | 14        |
| 83 | Simultaneous Spectrophotometric Determination of Levodopa and Benserazide in a Pharmaceutical. <i>Analytical Letters</i> , 2000, 33, 2701-2718.   | 1.0 | 14        |
| 84 | 5-phenylazo-8-aminoquinoline as a sensitive reagent for the extraction-spectrophotometric determination of palladium(II). <i>Mikrochimica Acta</i> , 1983, 81, 11-20.   | 2.5 | 13        |
| 85 | Determination of physical properties of bitumens by use of near-infrared spectroscopy with neural networks. Joint modelling of linear and non-linear parameters. <i>Analyst, The</i> , 2001, 126, 378-382.                                | 1.7 | 12        |
| 86 | Evaluation of NIR and Raman spectroscopies for the quality analytical control of a solid pharmaceutical formulation with three active ingredients.. <i>Microchemical Journal</i> , 2020, 154, 104576.                                     | 2.3 | 12        |
| 87 | Simultaneous Determination of Rubber Additives by FT-IR Spectrophotometry with Multivariate Calibration. <i>Applied Spectroscopy</i> , 1995, 49, 747-753.   | 1.2 | 11        |
| 88 | Use of circular dichroism and artificial neural networks for the kinetic-spectrophotometric resolution of enantiomers. <i>Analytica Chimica Acta</i> , 2001, 431, 115-123.  | 2.6 | 11        |
| 89 | Enhancing sensitivity and precision on NIR reflectance determination of an API at low concentration: Application to an hormonal preparation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 60, 59-64.                  | 1.4 | 11        |
| 90 | Evaluation of a handheld near-infrared spectrophotometer for quantitative determination of two APIs in a solid pharmaceutical preparation. <i>Analytical Methods</i> , 2019, 11, 327-335.   | 1.3 | 11        |

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|-----|---|-----|-----------|
| 91  | Flow Injection Amperometric Determination of Pharmaceuticals. <i>Archiv Der Pharmazie</i> , 1988, 321, 725-728.   | 2.1 | 10        |
| 92  | Precision of a diode-array spectrophotometer. <i>Analytica Chimica Acta</i> , 1990, 234, 395-401.   | 2.6 | 10        |
| 93  | Raman spectroscopy for the analytical quality control of low-dose break-scored tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 207-215.                                | 1.4 | 9         |
| 94  | Analysis of Multicomponent Spectra by the Simplex Method. <i>Analytical Letters</i> , 1992, 25, 543-560.  | 1.0 | 8         |
| 95  | Simultaneous spectrophotometric determination of fat-soluble vitamins in multivitamin pharmaceutical preparations. <i>Fresenius' Journal of Analytical Chemistry</i> , 1995, 351, 315-319.            | 1.5 | 8         |
| 96  | Expeditious identification and semi-quantification of Panax ginseng using near infrared spectral fingerprints and multivariate analysis. <i>Analytical Methods</i> , 2013, 5, 857.                    | 1.3 | 8         |
| 97  | Finding a reliable limit of detection in the NIR determination of residual moisture in a freeze-dried drug product. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 183, 113163.     | 1.4 | 8         |
| 98  | Calibration in near Infrared Diffuse Reflectance Spectroscopy. A Comparative Study of Various Methods. <i>Journal of Near Infrared Spectroscopy</i> , 1997, 5, 67-75.                                 | 0.8 | 7         |
| 99  | Determination of accelerators and antioxidants in vulcanized rubber by fourier transform infrared spectrophotometry. <i>Analytica Chimica Acta</i> , 1997, 353, 351-358.                              | 2.6 | 7         |
| 100 | Metal binding properties of three Cys2X2 (X = His, Asp) metallothionein-related peptides. <i>Inorganica Chimica Acta</i> , 1998, 278, 10-14.  | 1.2 | 7         |
| 101 | Analytical control of a pharmaceutical formulation of sodium picosulfate by capillary zone electrophoresis. <i>Biomedical Applications</i> , 2001, 751, 29-36.  | 1.7 | 7         |
| 102 | Diode array detectors in flow injection analysis. Simultaneous determination of rare earth metals with Arsenazo III. <i>Fresenius' Journal of Analytical Chemistry</i> , 1990, 338, 831-835.          | 1.5 | 6         |
| 103 | Application of multicomponent spectrophotometry to analytical control of electroplating solutions. <i>Fresenius' Journal of Analytical Chemistry</i> , 1991, 340, 410-414.                            | 1.5 | 6         |
| 104 | Analytical control of organic additives in electrolytic baths by UV spectroscopy in combination with multivariate analysis. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 363, 364-368.   | 1.5 | 6         |
| 105 | Kinetic-spectrophotometric determination of theophylline, dyphylline, and proxyphylline by use of partial least-squares regression. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 33-38. | 1.9 | 6         |
| 106 | NIR reflectance determination of warfarin in a solid preparation commercialized at different API mass proportions. <i>Analytical Methods</i> , 2013, 5, 3858.   | 1.3 | 6         |
| 107 | Simultaneous determination of metal ions. Catalytic oxidation of cobalt by metal ions when extracted with quinolin-8-ol. <i>Analytica Chimica Acta</i> , 1990, 230, 221-224.                          | 2.6 | 5         |
| 108 | Effect of Day-To-Day Noise on UV-Visible Spectrophotometric Control Analyses of Mixtures by Principal Component Regression. <i>Applied Spectroscopy</i> , 1996, 50, 576-582.                          | 1.2 | 5         |

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|-----|--|-----|-----------|
| 109 | Application of the Davidon-Fletcher-Powell algorithm to the resolution of multicomponent mixtures using UV-vis spectrophotometry. <i>Analytica Chimica Acta</i> , 1996, 327, 145-152.  | 2.6 | 5         |
| 110 | Modelling of an environmental parameter by use of the alternating conditional expectation method. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1999, 46, 31-39.  | 1.8 | 5         |
| 111 | Use of Inverse Multiple Linear Regression (ILS) for the Analytical Control of Pharmaceutical Preparations. UV-Visible Spectrophotometric Quantitation of an Active Principal in the Presence of Absorbing Excipients. <i>Analytical Letters</i> , 1999, 32, 1169-1181. | 1.0 | 5         |
| 112 | Application of Representative Layer Theory to Near-Infrared Reflectance Spectra of Powdered Samples. <i>Applied Spectroscopy</i> , 2008, 62, 1363-1369.  | 1.2 | 5         |
| 113 | Recent advances in sample pre-treatment for emerging methods in proteomic analysis. <i>Talanta</i> , 2017, 174, 738-751.   | 2.9 | 5         |
| 114 | Fia Fluorimetric Determination of Calcium Pantothenate. Validation and Quantitation in Multivitamin Preparations. <i>Analytical Letters</i> , 1995, 28, 821-833.   | 1.0 | 4         |
| 115 | 8-Aminoquinoline and 5,7-Dihalogen Derivatives. Determination of Protonation Constants and Some Gravimetric Applications. <i>Mikrochimica Acta</i> , 1983, 81, 95-104.   | 2.5 | 3         |
| 116 | Simultaneous spectrophotometric determination of Zinc(II) and Nickel(II) with 1-(2-pyridylazo)-2-naphthol. <i>Mikrochimica Acta</i> , 1992, 108, 53-59.  | 2.5 | 3         |
| 117 | Spectrofluorimetric Identification of Polycyclic Aromatic Hydrocarbons at PPB Level. <i>Analytical Letters</i> , 1996, 29, 1603-1617.  | 1.0 | 3         |
| 118 | Resolution of isomers of sorbitolparaben esters by chromatographic and electrophoretic techniques. <i>Biomedical Applications</i> , 2001, 752, 99-105.   | 1.7 | 3         |
| 119 | Determination of carbohydrazide at trace and subtrace levels. <i>Talanta</i> , 1992, 39, 1313-1316.  | 2.9 | 2         |
| 120 | Multi-component kinetic spectrophotometric analysis. Selection of wavelength and time ranges. <i>Analyst</i> , 2001, 126, 1135-1141.   | 1.7 | 2         |
| 121 | Simultaneous multiwavelength spectrophotometric determination of 1:2 metal complex dyes for leather. <i>Coloration Technology</i> , 1995, 111, 199-202.  | 0.1 | 1         |
| 122 | Use of indirect multiple linear regression for multicomponent dye analysis in a leather tanning bath. <i>Coloration Technology</i> , 1997, 113, 311-316.   | 0.1 | 1         |
| 123 | Aza-Michael reaction with enone-modified vegetable oils: evidence of the keto-enolic equilibrium by NIR chemical imaging and evolving factor analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1975-1982.   | 1.9 | 1         |
| 124 | Robust freeze-drying process re-design of a legacy product based on risk analysis and design of experiments. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 2022-2031.  | 0.9 | 1         |
| 125 | 4-(8-Quinolylazo)-1-Aminonaphthalene as a Metallochromic Indicator for Cu(II), Ni (II) and Hg(II). <i>Analytical Letters</i> , 1984, 17, 1009-1023.  | 1.0 | 0         |