

Javier Saurina

List of Publications by Year in descending order

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165
papers

4,181
citations

101384

36
h-index

182168

51
g-index

167
all docs

167
docs citations

167
times ranked

4053
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | FIAâ€“HRMS fingerprinting subjected to chemometrics as a valuable tool to address food classification and authentication: Application to red wine, paprika, and vegetable oil samples. <i>Food Chemistry</i> , 2022, 373, 131491. | 4.2 | 5 |
| 2 | Characterization of Musts, Wines, and Sparkling Wines Based on Their Elemental Composition Determined by ICP-OES and ICP-MS. <i>Beverages</i> , 2022, 8, 3. | 1.3 | 10 |
| 3 | Recovery of Polyphenols from Agri-Food By-Products: The Olive Oil and Winery Industries Cases. <i>Foods</i> , 2022, 11, 362. | 1.9 | 52 |
| 4 | Total Polyphenol Content in Food Samples and Nutraceuticals: Antioxidant Indices versus High Performance Liquid Chromatography. <i>Antioxidants</i> , 2022, 11, 324. | 2.2 | 2 |
| 5 | Data Fusion Approaches for the Characterization of Musts and Wines Based on Biogenic Amine and Elemental Composition. <i>Sensors</i> , 2022, 22, 2132. | 2.1 | 8 |
| 6 | Integration of Nanofiltration and Reverse Osmosis Technologies in Polyphenols Recovery Schemes from Winery and Olive Mill Wastes by Aqueous-Based Processing. <i>Membranes</i> , 2022, 12, 339. | 1.4 | 10 |
| 7 | Extraction and Characterization of Flavanol-Rich Nutraceuticals Based on High-Performance Liquid Chromatography. <i>Separations</i> , 2022, 9, 87. | 1.1 | 5 |
| 8 | A green approach to phenolic compounds recovery from olive mill and winery wastes. <i>Science of the Total Environment</i> , 2022, 835, 155552. | 3.9 | 14 |
| 9 | Differential mobility spectrometry coupled to mass spectrometry (DMSâ€“MS) for the classification of Spanish PDO paprika. <i>Food Chemistry</i> , 2022, 390, 133141. | 4.2 | 0 |
| 10 | Recovery of Natural Polyphenols from Spinach and Orange By-Products by Pressure-Driven Membrane Processes. <i>Membranes</i> , 2022, 12, 669. | 1.4 | 6 |
| 11 | <scp>Highâ€“performance</scp> liquid chromatography with fluorescence detection fingerprints as chemical descriptors to authenticate the origin, variety and roasting degree of coffee by multivariate chemometric methods. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 65-73. | 1.7 | 23 |
| 12 | Determination of capsaicinoids and carotenoids for the characterization and geographical origin authentication of paprika by UHPLCâ€“APCIâ€“HRMS. <i>LWT - Food Science and Technology</i> , 2021, 139, 110533. | 2.5 | 12 |
| 13 | Assessment of Experimental Factors Affecting the Sensitivity and Selectivity of the Spectrophotometric Estimation of Proanthocyanidins in Foods and Nutraceuticals. <i>Food Analytical Methods</i> , 2021, 14, 485-495. | 1.3 | 7 |
| 14 | Hydrophilic Interaction Liquid Chromatography to Characterize Nutraceuticals and Food Supplements Based on Flavanols and Related Compounds. <i>Separations</i> , 2021, 8, 17. | 1.1 | 9 |
| 15 | Authenticity Assessment and Fraud Quantitation of Coffee Adulterated with Chicory, Barley, and Flours by Untargeted HPLC-UV-FLD Fingerprinting and Chemometrics. <i>Foods</i> , 2021, 10, 840. | 1.9 | 18 |
| 16 | Liquid Chromatographic Fingerprints for the Characterization of Flavanol-Rich Nutraceuticals Based on 4-Dimethylaminocinnamaldehyde Precolumn Derivatization. <i>Scientia Pharmaceutica</i> , 2021, 89, 18. | 0.7 | 2 |
| 17 | Characterization and Authentication of Wines and Sparkling Wines by Liquid Chromatography. , 2021, , 267-289. | | 0 |
| 18 | The Role of Chemometrics in Food Integrity and Authenticity. , 2021, , 167-200. | | 3 |

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|----|--|-----|-----------|
| 19 | Non-targeted HPLC-FLD fingerprinting for the detection and quantitation of adulterated coffee samples by chemometrics. <i>Food Control</i> , 2021, 124, 107912. | 2.8 | 21 |
| 20 | Multi-Sensor Characterization of Sparkling Wines Based on Data Fusion. <i>Chemosensors</i> , 2021, 9, 200. | 1.8 | 7 |
| 21 | Non-targeted high-performance liquid chromatography with ultraviolet and fluorescence detection fingerprinting for the classification, authentication, and fraud quantitation of instant coffee and chicory by multivariate chemometric methods. <i>LWT - Food Science and Technology</i> , 2021, 147, 111646. | 2.5 | 8 |
| 22 | Determination of Bioactive Compounds in Sequential Extracts of Chia Leaf (<i>Salvia hispanica</i> L.) Using UHPLC-HRMS (Q-Orbitrap) and a Global Evaluation of Antioxidant In Vitro Capacity. <i>Antioxidants</i> , 2021, 10, 1151. | 2.2 | 16 |
| 23 | Oenological Processes and Product Qualities in the Elaboration of Sparkling Wines Determine the Biogenic Amine Content. <i>Fermentation</i> , 2021, 7, 144. | 1.4 | 7 |
| 24 | Assessment of paprika geographical origin fraud by high-performance liquid chromatography with fluorescence detection (HPLC-FLD) fingerprinting. <i>Food Chemistry</i> , 2021, 352, 129397. | 4.2 | 23 |
| 25 | Fruit and vegetable processing wastes as natural sources of antioxidant-rich extracts: Evaluation of advanced extraction technologies by surface response methodology. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105330. | 3.3 | 41 |
| 26 | Analytical Methods for Exploring Nutraceuticals Based on Phenolic Acids and Polyphenols. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8276. | 1.3 | 9 |
| 27 | Polyphenols and their potential role to fight viral diseases: An overview. <i>Science of the Total Environment</i> , 2021, 801, 149719. | 3.9 | 92 |
| 28 | Recovery of Added-Value Compounds from Orange and Spinach Processing Residues: Green Extraction of Phenolic Compounds and Evaluation of Antioxidant Activity. <i>Antioxidants</i> , 2021, 10, 1800. | 2.2 | 17 |
| 29 | Tea and Chicory Extract Characterization, Classification and Authentication by Non-Targeted HPLC-UV-FLD Fingerprinting and Chemometrics. <i>Foods</i> , 2021, 10, 2935. | 1.9 | 9 |
| 30 | Characterization of Musts, Wines and Sparkling Wines Based on Their Elemental Composition Determined by ICP-OES and ICP-MS. , 2021, 6, . | | 0 |
| 31 | Assessment of the Polyphenolic Composition of Orange Waste from Agri-Food Industries by HPLC-UV-MS/MS. , 2021, 6, . | | 0 |
| 32 | Targeted HPLC-UV-FLD Polyphenolics to Assess Paprika Geographical Origin. , 2021, 6, . | | 0 |
| 33 | Comparative metabolite analysis of Delftia-Bradyrhizobium co-inoculated soybean plants using UHPLC-HRMS-based metabolomic profiling. <i>Symbiosis</i> , 2021, 85, 325-341. | 1.2 | 4 |
| 34 | Determination of Phenolic Compounds in Paprika by Ultrahigh Performance Liquid Chromatography-Tandem Mass Spectrometry: Application to Product Designation of Origin Authentication by Chemometrics. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 591-602. | 2.4 | 28 |
| 35 | Solid-phase extraction in bioanalytical applications. , 2020, , 673-698. | | 3 |
| 36 | Liquid Chromatographic Approach for the Discrimination and Classification of Cava Samples Based on the Phenolic Composition Using Chemometric Methods. <i>Beverages</i> , 2020, 6, 54. | 1.3 | 6 |

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|----|--|-----|-----------|
| 37 | Organic Acid Profiling by Liquid Chromatography for the Characterization of Base Vines and Sparkling Wines. <i>Food Analytical Methods</i> , 2020, 13, 1852-1866. | 1.3 | 11 |
| 38 | Olive Mill and Winery Wastes as Viable Sources of Bioactive Compounds: A Study on Polyphenols Recovery. <i>Antioxidants</i> , 2020, 9, 1074. | 2.2 | 52 |
| 39 | Authentication of the Origin, Variety and Roasting Degree of Coffee Samples by Non-Targeted HPLC-UV Fingerprinting and Chemometrics. Application to the Detection and Quantitation of Adulterated Coffee Samples. <i>Foods</i> , 2020, 9, 378. | 1.9 | 29 |
| 40 | Non-Targeted Ultra-High Performance Liquid Chromatography-High-Resolution Mass Spectrometry (UHPLC-HRMS) Fingerprints for the Chemometric Characterization and Classification of Turmeric and Curry Samples. <i>Separations</i> , 2020, 7, 32. | 1.1 | 5 |
| 41 | Characterization, Classification and Authentication of Turmeric and Curry Samples by Targeted LC-HRMS Polyphenolic and Curcuminoid Profiling and Chemometrics. <i>Molecules</i> , 2020, 25, 2942. | 1.7 | 16 |
| 42 | Characterization of Turmeric and Curry Samples by Liquid Chromatography with Spectroscopic Detection Based on Polyphenolic and Curcuminoid Contents. <i>Separations</i> , 2020, 7, 23. | 1.1 | 7 |
| 43 | High-performance liquid chromatography with fluorescence detection fingerprinting combined with chemometrics for nut classification and the detection and quantitation of almond-based product adulterations. <i>Food Control</i> , 2020, 114, 107265. | 2.8 | 27 |
| 44 | Classification and Authentication of Paprika by UHPLC-HRMS Fingerprinting and Multivariate Calibration Methods (PCA and PLS-DA). <i>Foods</i> , 2020, 9, 486. | 1.9 | 19 |
| 45 | Targeted UHPLC-HRMS (Orbitrap) Polyphenolic and Capsaicinoid Profiling for the Chemometric Characterization and Classification of Paprika with Protected Designation of Origin (PDO) Attributes. <i>Molecules</i> , 2020, 25, 1623. | 1.7 | 11 |
| 46 | Determination of Curcuminoids by Liquid Chromatography with Diode Array Detection: Application to the Characterization of Turmeric and Curry Samples. <i>Current Analytical Chemistry</i> , 2020, 16, 95-105. | 0.6 | 5 |
| 47 | Classification of Hen Eggs by HPLC-UV Fingerprinting and Chemometric Methods. <i>Foods</i> , 2019, 8, 310. | 1.9 | 13 |
| 48 | UHPLC-HRMS (orbitrap) fingerprinting in the classification and authentication of cranberry-based natural products and pharmaceuticals using multivariate calibration methods. <i>Analytical Methods</i> , 2019, 11, 3341-3349. | 1.3 | 5 |
| 49 | Liquid chromatography coupled to mass spectrometry for metabolite profiling in the field of drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 469-483. | 2.5 | 21 |
| 50 | Non-Targeted HPLC-UV Fingerprinting as Chemical Descriptors for the Classification and Authentication of Nuts by Multivariate Chemometric Methods. <i>Sensors</i> , 2019, 19, 1388. | 2.1 | 10 |
| 51 | Exploring the Antioxidant Features of Polyphenols by Spectroscopic and Electrochemical Methods. <i>Antioxidants</i> , 2019, 8, 523. | 2.2 | 49 |
| 52 | Size Exclusion Coupled to Reversed Phase Liquid Chromatography for the Characterization of Cranberry Products. <i>Food Analytical Methods</i> , 2019, 12, 604-611. | 1.3 | 7 |
| 53 | Modified distribution in the polyphenolic profile of rosemary leaves induced by plant inoculation with an arbuscular mycorrhizal fungus. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 2966-2973. | 1.7 | 10 |
| 54 | Characterization of Sparkling Wines According to Polyphenolic Profiles Obtained by HPLC-UV/Vis and Principal Component Analysis. <i>Foods</i> , 2019, 8, 22. | 1.9 | 14 |

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| 55 | Voltammetric and electrogeneration approaches for the assessment of the oxidative drug metabolism. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2229-2239. | 1.9 | 4 |
| 56 | Hybrid gelatin-based porous materials with a tunable multiscale morphology for tissue engineering and drug delivery. <i>European Polymer Journal</i> , 2018, 99, 230-239. | 2.6 | 32 |
| 57 | Authentication and Quantitation of Fraud in Extra Virgin Olive Oils Based on HPLC-UV Fingerprinting and Multivariate Calibration. <i>Foods</i> , 2018, 7, 44. | 1.9 | 51 |
| 58 | Determination of flavanols by liquid chromatography with fluorescence detection. Application to the characterization of cranberry-based pharmaceuticals through profiling and fingerprinting approaches. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 156, 206-213. | 1.4 | 13 |
| 59 | Detection and Quantitation of Frauds in the Authentication of Cranberry-Based Extracts by UHPLC-HRMS (Orbitrap) Polyphenolic Profiling and Multivariate Calibration Methods. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 9353-9365. | 2.4 | 19 |
| 60 | Strategies for metabolite profiling based on liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1044-1045, 103-111. | 1.2 | 14 |
| 61 | PCL foamed scaffolds loaded with 5-fluorouracil anti-cancer drug prepared by an eco-friendly route. <i>Materials Science and Engineering C</i> , 2017, 75, 1191-1197. | 3.8 | 29 |
| 62 | Metal-Organic Frameworks Precipitated by Reactive Crystallization in Supercritical CO ₂ . <i>Crystal Growth and Design</i> , 2017, 17, 2864-2872. | 1.4 | 30 |
| 63 | Trends in LC-MS and LC-HRMS analysis and characterization of polyphenols in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 88, 1-24. | 5.8 | 172 |
| 64 | Characterization, classification and authentication of fruit-based extracts by means of HPLC-UV chromatographic fingerprints, polyphenolic profiles and chemometric methods. <i>Food Chemistry</i> , 2017, 221, 29-38. | 4.2 | 39 |
| 65 | Determination of Polyphenols in White Wines by Liquid Chromatography: Application to the Characterization of Alella (Catalonia, Spain) Wines Using Chemometric Methods. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 323-329. | 0.7 | 16 |
| 66 | HPLC Fingerprints for the Authentication of Cranberry-Based Products Based on Multivariate Calibration Approaches. <i>Current Analytical Chemistry</i> , 2017, 13, 256-261. | 0.6 | 6 |
| 67 | HPLC-UV Polyphenolic Profiles in the Classification of Olive Oils and Other Vegetable Oils via Principal Component Analysis. <i>Separations</i> , 2016, 3, 33. | 1.1 | 21 |
| 68 | Liquid chromatography-mass spectrometry as a general approach for investigating covalent binding of drugs to DNA. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3911-3922. | 1.9 | 2 |
| 69 | Recent Advances in the Determination of Biogenic Amines in Food Samples by (U)HPLC. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7667-7678. | 2.4 | 63 |
| 70 | Ultrahigh pressure liquid chromatography-atmospheric pressure photoionization-tandem mass spectrometry for the determination of polyphenolic profiles in the characterization and classification of cranberry-based pharmaceutical preparations and natural extracts. <i>Analytical Methods</i> , 2016, 8, 4363-4378. | 1.3 | 19 |
| 71 | Ultra-high-performance liquid chromatography-high-resolution mass spectrometry based metabolomics as a strategy for beer characterization. <i>Journal of the Institute of Brewing</i> , 2016, 122, 430-436. | 0.8 | 13 |
| 72 | Metabolic profile modifications in milk after enrofloxacin administration studied by liquid chromatography coupled with high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1460, 92-99. | 1.8 | 28 |

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| 73 | Told through the wine: A liquid chromatography–mass spectrometry interplatform comparison reveals the influence of the global approach on the final annotated metabolites in non-targeted metabolomics. <i>Journal of Chromatography A</i> , 2016, 1433, 90-97. | 1.8 | 32 |
| 74 | Determination of Phenolic Compounds in Food Matrices: Application to Characterization and Authentication. , 2015, , 517-547. | | 2 |
| 75 | Supercritical CO ₂ foamed polycaprolactone scaffolds for controlled delivery of 5-fluorouracil, nicotinamide and triflusal. <i>International Journal of Pharmaceutics</i> , 2015, 496, 654-663. | 2.6 | 33 |
| 76 | Experimental design for the determination of polyphenols by liquid chromatography: application to the chemometric characterization and classification of beers. <i>Analytical Methods</i> , 2015, 7, 3283-3290. | 1.3 | 9 |
| 77 | Liquid chromatographic fingerprints and profiles of polyphenolic compounds applied to the chemometric characterization and classification of beers. <i>Analytical Methods</i> , 2015, 7, 8733-8739. | 1.3 | 24 |
| 78 | Hybrid aerogel preparations as drug delivery matrices for low water-solubility drugs. <i>International Journal of Pharmaceutics</i> , 2015, 496, 360-370. | 2.6 | 51 |
| 79 | Determination of polyphenolic profiles by liquid chromatography-electrospray-tandem mass spectrometry for the authentication of fruit extracts. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 597-608. | 1.9 | 39 |
| 80 | A novel solventless coating method to graft low-molecular weight polyethyleneimine on silica fine powders. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2760-2768. | 2.5 | 9 |
| 81 | High-resolution mass spectrometry applied to the study of metabolome modifications in various chicken tissues after amoxicillin administration. <i>Food Chemistry</i> , 2014, 153, 405-413. | 4.2 | 22 |
| 82 | Determination of polyphenols in the pear pulp matrix by solvent extraction and liquid chromatography with UV-Vis detection. <i>Analytical Methods</i> , 2014, 6, 9769-9776. | 1.3 | 12 |
| 83 | Characterization of Fruit Products by Capillary Zone Electrophoresis and Liquid Chromatography Using the Compositional Profiles of Polyphenols: Application to Authentication of Natural Extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1038-1046. | 2.4 | 34 |
| 84 | Compressed antisolvent process for polymer coating of drug-loaded aerogel nanoparticles and study of the release behavior. <i>Colloid and Polymer Science</i> , 2014, 292, 2475-2484. | 1.0 | 16 |
| 85 | Nanostructured silica-based drug delivery vehicles for hydrophobic and moisture sensitive drugs. <i>Journal of Supercritical Fluids</i> , 2013, 73, 34-42. | 1.6 | 50 |
| 86 | Metabolomics and PDO. <i>Comprehensive Analytical Chemistry</i> , 2013, 60, 123-143. | 0.7 | 5 |
| 87 | Identification of Seafood as an Important Dietary Source of Heterocyclic Amines by Chemometry and Chromatography–Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2013, 26, 1014-1022. | 1.7 | 30 |
| 88 | Determination of Histamine in Wine Samples by Flow-Injection Analysis and Multivariate Calibration. <i>Analytical Letters</i> , 2013, 46, 1758-1768. | 1.0 | 5 |
| 89 | Determination of Polyphenols in Spanish Wines by Capillary Zone Electrophoresis. Application to Wine Characterization by Using Chemometrics. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8340-8349. | 2.4 | 53 |
| 90 | An overview of the analytical characterization of nanostructured drug delivery systems: Towards green and sustainable pharmaceuticals: A review. <i>Analytica Chimica Acta</i> , 2012, 744, 8-22. | 2.6 | 56 |

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| 91 | Quechers methodologies as an alternative to solid phase extraction (SPE) for the determination and characterization of residues of cephalosporins in beef muscle using LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 899, 57-65. | 1.2 | 49 |
| 92 | Classification and characterisation of Spanish red wines according to their appellation of origin based on chromatographic profiles and chemometric data analysis. <i>Food Chemistry</i> , 2012, 135, 1425-1431. | 4.2 | 71 |
| 93 | Characterization of in vitro metabolic profiles of cinitapride obtained with liver microsomes of humans and various mammal species using UHPLC and chemometric methods for data analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 909-916. | 1.9 | 4 |
| 94 | Determination of S-containing drug metabolites from in vitro and in vivo metabolism studies by using LC-ICP/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 539-551. | 1.9 | 14 |
| 95 | Sorption of trialkoxysilane in low-cost porous silicates using a supercritical CO ₂ method. <i>Microporous and Mesoporous Materials</i> , 2012, 148, 15-24. | 2.2 | 28 |
| 96 | Derivatization strategies for the determination of biogenic amines in wines by chromatographic and electrophoretic techniques. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1270-1281. | 1.2 | 76 |
| 97 | Determination of polyphenols in wines by liquid chromatography with UV spectrophotometric detection. <i>Journal of Separation Science</i> , 2011, 34, 527-535. | 1.3 | 31 |
| 98 | Development of a UHPLC method for the assessment of the metabolic profile of cinitapride. <i>Journal of Separation Science</i> , 2011, 34, 3502-3508. | 1.3 | 10 |
| 99 | Development of a Polymeric Patch Impregnated with Naproxen as a Model of Transdermal Sustained Release System. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 992-1000. | 1.6 | 17 |
| 100 | Characterization of new topical ketoprofen formulations prepared by drug entrapment in solid lipid matrices. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 4783-4789. | 1.6 | 12 |
| 101 | Preparation of trityl cations in faujasite micropores through supercritical CO ₂ impregnation. <i>Microporous and Mesoporous Materials</i> , 2010, 132, 357-362. | 2.2 | 10 |
| 102 | Characterization of wines using compositional profiles and chemometrics. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 234-245. | 5.8 | 126 |
| 103 | Flow-injection analysis for multi-component determinations of drugs based on chemometric approaches. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 1027-1037. | 5.8 | 24 |
| 104 | Encapsulation efficiency of solid lipid hybrid particles prepared using the PGSS® technique and loaded with different polarity active agents. <i>Journal of Supercritical Fluids</i> , 2010, 54, 342-347. | 1.6 | 42 |
| 105 | A clean and effective supercritical carbon dioxide method for the host-guest synthesis and encapsulation of photoactive molecules in nanoporous matrices. <i>Green Chemistry</i> , 2010, 12, 2196. | 4.6 | 13 |
| 106 | Preparation of Nanostructured Organic-Inorganic Hybrid Materials Using Supercritical Fluid Technology. <i>Composite Interfaces</i> , 2009, 16, 143-155. | 1.3 | 9 |
| 107 | Production of hybrid lipid-based particles loaded with inorganic nanoparticles and active compounds for prolonged topical release. <i>International Journal of Pharmaceutics</i> , 2009, 382, 296-304. | 2.6 | 39 |
| 108 | Impregnation of a biocompatible polymer aided by supercritical CO ₂ : Evaluation of drug stability and drug-matrix interactions. <i>Journal of Supercritical Fluids</i> , 2009, 48, 56-63. | 1.6 | 65 |

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|-----|---|-----|-----------|
| 109 | Characterization of azacytidine/poly(L-lactic) acid particles prepared by supercritical antisolvent precipitation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 847-852. | 1.4 | 21 |
| 110 | Determination of biogenic amines in wines by pre-column derivatization and high-performance liquid chromatography coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 6387-6393. | 1.8 | 78 |
| 111 | Application of principal component analysis to the thermal characterization of silanized nanoparticles obtained at supercritical carbon dioxide conditions. <i>Analytica Chimica Acta</i> , 2009, 635, 227-234. | 2.6 | 12 |
| 112 | Determination of HIV drugs in biological matrices: A review. <i>Analytica Chimica Acta</i> , 2009, 647, 1-13. | 2.6 | 20 |
| 113 | Preparation and Characterization of Surface Silanized TiO ₂ Nanoparticles under Compressed CO ₂ : Reaction Kinetics. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13780-13786. | 1.5 | 35 |
| 114 | Measurements and Correlation of Octyltriethoxysilane Solubility in Supercritical CO ₂ and Assembly of Functional Silane Monolayers on the Surface of Nanometric Particles. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 9952-9960. | 1.8 | 28 |
| 115 | Spectroscopic and chromatographic characterization of triflusal delivery systems prepared by using supercritical impregnation technologies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 456-462. | 1.4 | 19 |
| 116 | Reversed-phase liquid chromatographic method with spectrophotometric detection for the determination of antiretroviral drugs. <i>Analytica Chimica Acta</i> , 2008, 616, 85-94. | 2.6 | 15 |
| 117 | Supercritical CO ₂ processing of polymers for the production of materials with applications in tissue engineering and drug delivery. <i>Journal of Materials Science</i> , 2008, 43, 1939-1947. | 1.7 | 38 |
| 118 | Study of the degradation of 5-azacytidine as a model of unstable drugs using a stopped-flow method and further data analysis with multivariate curve resolution. <i>Talanta</i> , 2007, 74, 176-182. | 2.9 | 19 |
| 119 | Characterization of Wines through the Biogenic Amine Contents Using Chromatographic Techniques and Chemometric Data Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7453-7461. | 2.4 | 35 |
| 120 | Flow-injection determination of zidovudine in plasma samples using multivariate curve resolution. <i>Analytica Chimica Acta</i> , 2007, 592, 173-180. | 2.6 | 6 |
| 121 | Characterization of acid-base properties of unstable drugs using a continuous-flow system with UV-vis spectrophotometric detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 859-866. | 1.4 | 8 |
| 122 | Multicomponent Determination of Drugs Using Flow-Injection Analysis. <i>Current Pharmaceutical Analysis</i> , 2006, 2, 127-140. | 0.3 | 16 |
| 123 | Flow-injection spectrophotometric determination of reverse transcriptase inhibitors used for acquired immuno deficiency syndrome (AIDS) treatment. <i>Analytica Chimica Acta</i> , 2006, 572, 155-164. | 2.6 | 27 |
| 124 | High-performance liquid chromatographic determination of biogenic amines in wines with an experimental design optimization procedure. <i>Analytica Chimica Acta</i> , 2006, 575, 97-105. | 2.6 | 70 |
| 125 | Determination of biogenic amines in wines by ion-pair liquid chromatography and post-column derivatization with 1,2-naphthoquinone-4-sulphonate. <i>Journal of Chromatography A</i> , 2006, 1130, 130-136. | 1.8 | 54 |
| 126 | Capillary electrophoresis determination of biogenic amines by field-amplified sample stacking and in-capillary derivatization. <i>Electrophoresis</i> , 2006, 27, 474-483. | 1.3 | 55 |

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|-----|--|-----|-----------|
| 127 | Fast determination of pKa values of reverse transcriptase inhibitor drugs for AIDS treatment by using pH-gradient flow-injection analysis and multivariate curve resolution. <i>Analytica Chimica Acta</i> , 2005, 554, 177-183. | 2.6 | 20 |
| 128 | Flow-Injection Differential Spectrophotometric pH Selectivity System for the Determination of Cyclamate Contaminants. <i>Mikrochimica Acta</i> , 2005, 150, 115-123. | 2.5 | 3 |
| 129 | Determination of histamine in wines with an on-line pre-column flow derivatization system coupled to high performance liquid chromatography. <i>Analyst, The</i> , 2005, 130, 1286. | 1.7 | 18 |
| 130 | Multivariate curve resolution of step-scan FTIR spectral data. <i>Vibrational Spectroscopy</i> , 2004, 35, 21-26. | 1.2 | 16 |
| 131 | Analysis of amino acids in complex samples by using voltammetry and multivariate calibration methods. <i>Analytica Chimica Acta</i> , 2004, 507, 247-253. | 2.6 | 40 |
| 132 | Flow-injection determination of amine contaminants in cyclamate samples based on temperature for controlling selectivity. <i>Analyst, The</i> , 2004, 129, 468-474. | 1.7 | 6 |
| 133 | Chemometrics in capillary electrophoresis. Part A: Methods for optimization. <i>Journal of Separation Science</i> , 2003, 26, 875-885. | 1.3 | 59 |
| 134 | Chemometrics in capillary electrophoresis. Part B: Methods for data analysis. <i>Journal of Separation Science</i> , 2003, 26, 1395-1402. | 1.3 | 24 |
| 135 | Estimation of the composition of heparin mixtures from various origins using proton nuclear magnetic resonance and multivariate calibration methods. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 373, 259-265. | 1.9 | 22 |
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