# Sergio Armenta

List of Publications by Year
in descending order

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Version: 2024-02-01

| 166 | 4,940 | 136950 | 118850 |
|---|---|---|---|
| papers | citations | 32 h-index | 62 g-index |

| 176 | 176 | 176 | 5280 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Green Analytical Chemistry. TrAC - Trends in Analytical Chemistry, 2008, 27, 497-511. | 11.4 | 789 |
| 2 | The role of green extraction techniques in Green Analytical Chemistry. TrAC - Trends in Analytical Chemistry, 2015, 71, 2-8. | 11.4 | 255 |
| 3 | A review of recent, unconventional applications of ion mobility spectrometry (IMS). Analytica Chimica Acta, 2011, 703, 114-123. | 5.4 | 207 |
| 4 | Trace-element composition and stable-isotope ratio for discrimination of foods with Protected Designation of Origin. TrAC - Trends in Analytical Chemistry, 2009, 28, 1295-1311. | 11.4 | 175 |
| 5 | Green extraction techniques in green analytical chemistry. TrAC - Trends in Analytical Chemistry, 2019, 116, 248-253. | 11.4 | 167 |
| 6 | Determination of edible oil parameters by near infrared spectrometry. Analytica Chimica Acta, 2007, 596, 330-337. | 5.4 | 149 |
| 7 | Elemental fingerprint of wines from the protected designation of origin Valencia. Food Chemistry, 2009, 112, 26-34. | 8.2 | 132 |
| 8 | A review of non-chromatographic methods for speciation analysis. Analytica Chimica Acta, 2009, 636, 129-157. | 5.4 | 116 |
| 9 | Geographical traceability of â€œArrÃ²s de Valenciaâ€•rice grain based on mineral element composition. Food Chemistry, 2011, 126, 1254-1260. | 8.2 | 83 |
| 10 | Effects ofÂoxidative modifications induced byÂtheÂglycation ofÂbovine serum albumin onÂitsÂstructure andÂonÂcultured adipose cells. Biochimie, 2006, 88, 1467-1477. | 2.6 | 75 |
| 11 | Determination of non-steroidal anti-inflammatory drugs in water and urine using selective molecular imprinted polymer extraction and liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2016, 131, 48-53. | 2.8 | 67 |
| 12 | The Use of Near-Infrared Spectrometry in the Olive Oil Industry. Critical Reviews in Food Science and Nutrition, 2010, 50, 567-582. | 10.3 | 63 |
| 13 | Solid-phase FT-Raman determination of caffeine in energy drinks. Analytica Chimica Acta, 2005, 547, 197-203. | 5.4 | 62 |
| 14 | Green strategies for decontamination of analytical wastes. TrAC - Trends in Analytical Chemistry, 2010, 29, 592-601. | 11.4 | 59 |
| 15 | Assessment of temperature effects on Î²-aggregation of native and glycated albumin by FTIR spectroscopy and PAGE: Relations between structural changes and antioxidant properties. Archives of Biochemistry and Biophysics, 2007, 460, 141-150. | 3.0 | 56 |
| 16 | Adulteration detection of argan oil by inductively coupled plasma optical emission spectrometry. Food Chemistry, 2010, 121, 878-886. | 8.2 | 55 |
| 17 | Sweeteners determination in table top formulations using FT-Raman spectrometry and chemometric analysis. Analytica Chimica Acta, 2004, 521, 149-155. | 5.4 | 51 |
| 18 | Mid-infrared and Raman spectrometry for quality control of pesticide formulations. TrAC - Trends in Analytical Chemistry, 2005, 24, 772-781. | 11.4 | 51 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Non-chromatographic speciation. TrAC - Trends in Analytical Chemistry, 2010, 29, 260-268. | 11.4 | 49 |
| 20 | Non-chromatographic speciation of inorganic arsenic in mushrooms by hydride generation atomic fluorescence spectrometry. Food Chemistry, 2009, 115, 360-364. | 8.2 | 48 |
| 21 | FTIR Determination of Aspartame and Acesulfame-K in Tabletop Sweeteners. Journal of Agricultural and Food Chemistry, 2004, 52, 7798-7803. | 5.2 | 46 |
| 22 | Cocaine abuse determination by ion mobility spectrometry using molecular imprinting. Journal of Chromatography A, 2017, 1481, 23-30. | 3.7 | 46 |
| 23 | Searching the Most Appropriate Sample Pretreatment for the Elemental Analysis of Wines by Inductively Coupled Plasma-Based Techniques. Journal of Agricultural and Food Chemistry, 2008, 56, 4943-4954. | 5.2 | 45 |
| 24 | Determination of Pyrimidine and Purine Bases by Reversed-Phase Capillary Liquid Chromatography with At-Line Surface-Enhanced Raman Spectroscopic Detection Employing a Novel SERS Substrate Based on ZnS/CdSe Silverâ€“Quantum Dots. Analytical Chemistry, 2011, 83, 9391-9398. | 6.5 | 43 |
| 25 | Amphetamine-type stimulants analysis in oral fluid based on molecularly imprinting extraction. Analytica Chimica Acta, 2019, 1052, 73-83. | 5.4 | 42 |
| 26 | Trace analysis by ion mobility spectrometry: From conventional to smart sample preconcentration methods. A review. Analytica Chimica Acta, 2018, 1026, 37-50. | 5.4 | 41 |
| 27 | A validated and fast procedure for FTIR determination of Cypermethrin and Chlorpyrifos. Talanta, 2005, 67, 634-639. | 5.5 | 39 |
| 28 | Magnetic molecularly imprinted polymers for the selective determination of cocaine by ion mobility spectrometry. Journal of Chromatography A, 2018, 1545, 22-31. | 3.7 | 39 |
| 29 | Headspaceâ€“mass spectrometry determination of benzene, toluene and the mixture of ethylbenzene and xylene isomers in soil samples using chemometrics. Analytica Chimica Acta, 2007, 587, 89-96. | 5.4 | 37 |
| 30 | Analytical methods to determine cocaine contamination of banknotes from around the world. TrAC - Trends in Analytical Chemistry, 2008, 27, 344-351. | 11.4 | 37 |
| 31 | Detection and characterization of emerging psychoactive substances by ion mobility spectrometry. Drug Testing and Analysis, 2015, 7, 280-289. | 2.6 | 37 |
| 32 | Simultaneous determination of Folpet and Metalaxyl in pesticide formulations by flow injection Fourier transform infrared spectrometry. Analytica Chimica Acta, 2003, 480, 11-21. | 5.4 | 34 |
| 33 | Indoor and outdoor determination of pesticides in air by ion mobility spectrometry. Talanta, 2016, 161, 632-639. | 5.5 | 34 |
| 34 | Analysis of hazardous chemicals by â€œstand aloneâ€•drift tube ion mobility spectrometry: a review. Analytical Methods, 2020, 12, 1163-1181. | 2.7 | 34 |
| 35 | Elemental composition of seasoning products. Talanta, 2008, 74, 1085-1095. | 5.5 | 32 |
| 36 | Green chromatography for the analysis of foods of animal origin. TrAC - Trends in Analytical Chemistry, 2016, 80, 517-530. | 11.4 | 32 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Direct determination of Mancozeb by photoacoustic spectrometry. Analytica Chimica Acta, 2006, 567, 255-261. | 5.4 | 31 |
| 38 | Partial least squares-near infrared determination of pesticides in commercial formulations. Vibrational Spectroscopy, 2007, 44, 273-278. | 2.2 | 31 |
| 39 | Development of pipette tip-based poly(methacrylic acid-co-ethylene glycol dimethacrylate) monolith for the extraction of drugs of abuse from oral fluid samples. Talanta, 2019, 205, 120158. | 5.5 | 31 |
| 40 | Validated, non-destructive and environmentally friendly determination of cocaine in euro bank notes. Journal of Chromatography A, 2005, 1065, 321-325. | 3.7 | 30 |
| 41 | Fourier transform infrared spectrometric strategies for the determination of Buprofezin in pesticide formulations. Analytica Chimica Acta, 2002, 468, 81-90. | 5.4 | 29 |
| 42 | Seafood freshness determination through vapour phase Fourier transform infrared spectroscopy. Analytica Chimica Acta, 2006, 580, 216-222. | 5.4 | 29 |
| 43 | The ways to the trace level analysis in infrared spectroscopy. Analytical Methods, 2011, 3, 43-52. | 2.7 | 28 |
| 44 | Determination of iprodione in agrochemicals by infrared and Raman spectrometry. Analytical and Bioanalytical Chemistry, 2007, 387, 2887-2894. | 3.7 | 27 |
| 45 | Hard Cap Espresso Machines in Analytical Chemistry: What Else?. Analytical Chemistry, 2016, 88, 6570-6576. | 6.5 | 27 |
| 46 | Fourier transform infrared determination of imidacloprid in pesticide formulations. Journal of the Brazilian Chemical Society, 2004, 15, 307-312. | 0.6 | 26 |
| 47 | Attenuated Total Reflection-Fourier transform infrared analysis of the fermentation process of pineapple. Analytica Chimica Acta, 2005, 545, 99-106. | 5.4 | 26 |
| 48 | Highly selective solid-phase extraction sorbents for chloramphenicol determination in food and urine by ion mobility spectrometry. Analytical and Bioanalytical Chemistry, 2016, 408, 8559-8567. | 3.7 | 26 |
| 49 | Fourier transform infrared spectrometric determination of Malathion in pesticide formulations. Analytica Chimica Acta, 2004, 502, 213-220. | 5.4 | 25 |
| 50 | Determination of cyromazine in pesticide commercial formulations by vibrational spectrometric procedures. Analytica Chimica Acta, 2004, 524, 257-264. | 5.4 | 25 |
| 51 | Developing automated analytical methods for scientific environments using LabVIEW. Talanta, 2010, 80, 1081-1087. | 5.5 | 25 |
| 52 | Recent developments in flow-analysis vibrational spectroscopy. TrAC - Trends in Analytical Chemistry, 2007, 26, 775-787. | 11.4 | 24 |
| 53 | Origins of Green Analytical Chemistry. Comprehensive Analytical Chemistry, 2011, 57, 1-23. | 1.3 | 24 |
| 54 | Passive exposure to nicotine from e-cigarettes. Talanta, 2016, 152, 329-334. | 5.5 | 24 |

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|---|---|---|---|
| 55 | Flavonoid determination in onion, chili and leek by hard cap espresso extraction and liquid chromatography with diode array detection. Microchemical Journal, 2018, 140, 74-79. | 4.5 | 24 |
| 56 | Near infrared determination of Diuron in pesticide formulations. Analytica Chimica Acta, 2005, 543, 124-129. | 5.4 | 23 |
| 57 | Greening Sample Treatments. Comprehensive Analytical Chemistry, 2011, 57, 87-120. | 1.3 | 23 |
| 58 | Analysis of ecstasy in oral fluid by ion mobility spectrometry and infrared spectroscopy after liquidâ€“liquid extraction. Journal of Chromatography A, 2015, 1384, 1-8. | 3.7 | 23 |
| 59 | Hard cap espresso extraction-stir bar preconcentration of polychlorinated biphenyls in soil and sediments. Analytica Chimica Acta, 2017, 952, 41-49. | 5.4 | 22 |
| 60 | Ion mobility spectrometry and high resolution mass-spectrometry as methodologies for rapid identification of the last generation of new psychoactive substances. Journal of Chromatography A, 2018, 1574, 91-100. | 3.7 | 22 |
| 61 | Uptake and translocation monitoring of imidacloprid to chili and tomato plants by molecularly imprinting extraction - ion mobility spectrometry. Microchemical Journal, 2019, 144, 195-202. | 4.5 | 22 |
| 62 | Determination of Third-Generation Synthetic Cannabinoids in Oral Fluids. Journal of Analytical Toxicology, 2021, 45, 331-336. | 2.8 | 22 |
| 63 | Mid- and near-infrared determination of metribuzin in agrochemicals. Vibrational Spectroscopy, 2008, 46, 82-88. | 2.2 | 21 |
| 64 | Headspace-Liquid Phase Microextraction for Attenuated Total Reflection Infrared Determination of Volatile Organic Compounds at Trace Levels. Analytical Chemistry, 2010, 82, 3045-3051. | 6.5 | 21 |
| 65 | Vibrational spectroscopy in soil and sediment analysis. Trends in Environmental Analytical Chemistry, 2014, 2, 43-52. | 10.3 | 21 |
| 66 | Off-line coupling of multidimensional immunoaffinity chromatography and ion mobility spectrometry: A promising partnership. Journal of Chromatography A, 2015, 1426, 110-117. | 3.7 | 21 |
| 67 | Determination of the new psychoactive substance dichloropane in saliva by microextraction by packed sorbent â€“ Ion mobility spectrometry. Journal of Chromatography A, 2019, 1603, 61-66. | 3.7 | 21 |
| 68 | Multicommutation-NIR determination of Hexythiazox in pesticide formulations. Talanta, 2006, 68, 1700-1706. | 5.5 | 20 |
| 69 | Pros and cons of benzodiazepines screening in human saliva by ion mobility spectrometry. Analytical and Bioanalytical Chemistry, 2011, 401, 1935-1948. | 3.7 | 20 |
| 70 | Fast extraction of cannabinoids in marijuana samples by using hard-cap espresso machines. Talanta, 2018, 190, 321-326. | 5.5 | 20 |
| 71 | Green Spectroscopy: A Scientometric Picture. Spectroscopy Letters, 2009, 42, 277-283. | 1.0 | 19 |
| 72 | Green Analytical Chemistry. Comprehensive Analytical Chemistry, 2017, 76, 1-25. | 1.3 | 19 |

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|---|---|---|---|
| 73 | Comprehensive analysis of airborne pesticides using hard cap espresso extraction-liquid chromatography-high-resolution mass spectrometry. Journal of Chromatography A, 2017, 1506, 27-36. | 3.7 | 19 |
| 74 | Dispersive magnetic immunoaffinity extraction. Anatoxin-a determination. Journal of Chromatography A, 2017, 1529, 57-62. | 3.7 | 19 |
| 75 | Development of a molecularly imprinted monolithic polymer disk for agitation-extraction of ecgonine methyl ester from environmental water. Talanta, 2019, 199, 388-395. | 5.5 | 19 |
| 76 | The importance of incorporating a waste detoxification step in analytical methodologies. Analytical Methods, 2015, 7, 5702-5706. | 2.7 | 18 |
| 77 | Towards an automatic lab-on-valve-ion mobility spectrometric system for detection of cocaine abuse. Journal of Chromatography A, 2017, 1512, 43-50. | 3.7 | 18 |
| 78 | Development and Evaluation of Paper-Based Devices for Iron(III) Determination in an Advanced Undergraduate Laboratory. Journal of Chemical Education, 2020, 97, 3852-3857. | 2.3 | 18 |
| 79 | FTIR Approaches for Diuron Determination in Commercial Pesticide Formulations. Journal of Agricultural and Food Chemistry, 2005, 53, 5842-5847. | 5.2 | 17 |
| 80 | Quality control of Metamitron in agrochemicals using Fourier transform infrared spectroscopy in the middle and near range. Analytica Chimica Acta, 2006, 565, 255-260. | 5.4 | 17 |
| 81 | Determination of Mercury in Milk by Cold Vapor Atomic Fluorescence: A Green Analytical Chemistry Laboratory Experiment. Journal of Chemical Education, 2011, 88, 488-491. | 2.3 | 17 |
| 82 | Identification and determination of synthetic cannabinoids in herbal products by dry film attenuated total reflectance-infrared spectroscopy. Talanta, 2017, 167, 344-351. | 5.5 | 17 |
| 83 | Sample preparation strategies for the determination of psychoactive substances in biological fluids. Journal of Chromatography A, 2020, 1633, 461615. | 3.7 | 17 |
| 84 | Smart materials for sample preparation in bioanalysis: A green overview. Sustainable Chemistry and Pharmacy, 2021, 21, 100411. | 3.3 | 17 |
| 85 | Comparison of two vibrational procedures for the direct determination of mancozeb in agrochemicals. Talanta, 2007, 72, 72-79. | 5.5 | 16 |
| 86 | Ion mobility spectrometry evaluation of cocaine occupational exposure in forensic laboratories. Talanta, 2014, 130, 251-258. | 5.5 | 16 |
| 87 | Univariate near infrared methods for determination of pesticides in agrochemicals. Analytica Chimica Acta, 2006, 579, 17-24. | 5.4 | 15 |
| 88 | Determination at low ppm levels of dithiocarbamate residues in foodstuff by vapour phase-liquid phase microextraction-infrared spectroscopy. Analytica Chimica Acta, 2011, 688, 191-196. | 5.4 | 15 |
| 89 | Hard cap espresso extraction and liquid chromatography determination of bioactive compounds in vegetables and spices. Food Chemistry, 2017, 237, 75-82. | 8.2 | 15 |
| 90 | Analysis of drugs including illicit and new psychoactive substances in oral fluids by gas chromatography-drift tube ion mobility spectrometry. Talanta, 2022, 238, 122966. | 5.5 | 15 |

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|---|---|---|---|
| 91 | Green analytical methods. Analytical and Bioanalytical Chemistry, 2012, 404, 625-626. | 3.7 | 14 |
| 92 | Development of immunosorbents for the analysis of forchlorfenuron in fruit juices by ion mobility spectrometry. Analytical and Bioanalytical Chemistry, 2018, 410, 5961-5967. | 3.7 | 14 |
| 93 | Tuning the selectivity of molecularly imprinted polymer extraction of arylcyclohexylamines: From class-selective to specific. Analytica Chimica Acta, 2020, 1124, 94-103. | 5.4 | 14 |
| 94 | Capillary liquid chromatography with off-line mid-IR and Raman micro-spectroscopic detection: analysis of chlorinated pesticides at ppb levels. Analytical and Bioanalytical Chemistry, 2010, 397, 297-308. | 3.7 | 13 |
| 95 | Automated Fourier Transform near Infrared Determination of Buprofezin in Pesticide Formulations. Journal of Near Infrared Spectroscopy, 2005, 13, 161-168. | 1.5 | 12 |
| 96 | Flow through FTIR sensor based on solid phase spectroscopy (SPS) on conventional octadecyl (C18) silica. Vibrational Spectroscopy, 2009, 51, 60-64. | 2.2 | 12 |
| 97 | Ion mobility spectrometry: A valuable tool for kinetic studies in enzymology. Analytica Chimica Acta, 2011, 685, 1-8. | 5.4 | 12 |
| 98 | A new approach to determine the homogeneity in hyperspectral imaging considering the particle size. Analytica Chimica Acta, 2013, 787, 173-180. | 5.4 | 12 |
| 99 | Noninvasive Double Confirmation of Cocaine Abuse. Analytical Chemistry, 2013, 85, 11382-11390. | 6.5 | 12 |
| 100 | Selective determination of clenbuterol residues in urine by molecular imprinted polymerâ€"Ion mobility spectrometry. Microchemical Journal, 2017, 134, 62-67. | 4.5 | 12 |
| 101 | Solid sampling Fourier transform infrared determination of Mancozeb in pesticide formulations. Talanta, 2005, 65, 971-979. | 5.5 | 11 |
| 102 | Trace elemental composition of curry by inductively coupled plasma optical emission spectrometry (ICP-OES). Food Additives and Contaminants: Part B Surveillance, 2008, 1, 114-121. | 2.8 | 11 |
| 103 | Development of a simple and low cost device for vapour phase Fourier Transform Infrared spectrometry determination of ethanol in mouthwashes. Analytica Chimica Acta, 2006, 569, 238-243. | 5.4 | 10 |
| 104 | Determination of enzyme activity inhibition by FTIR spectroscopy on the example of fructose bisphosphatase. Analytical and Bioanalytical Chemistry, 2009, 394, 2137-2144. | 3.7 | 10 |
| 105 | Ion Mobility Spectrometry: A Comprehensive and Versatile Tool for Occupational Pharmaceutical Exposure Assessment. Analytical Chemistry, 2012, 84, 4560-4568. | 6.5 | 10 |
| 106 | Methylone determination in oral fluid using microextraction by packed sorbent coupled to ion mobility spectrometry. Microchemical Journal, 2020, 153, 104504. | 4.5 | 10 |
| 107 | On-line vapor-phase generation combined with Fourier transform infrared spectrometry. TrAC - Trends in Analytical Chemistry, 2008, 27, 15-23. | 11.4 | 9 |
| 108 | A Green Evaluation of Existing Analytical Methods. Comprehensive Analytical Chemistry, 2011, 57, 39-57. | 1.3 | 9 |

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|---|---|---|---|
| 109 | Ion mobility spectrometry for monitoring diamine oxidase activity. Analyst, The, 2012, 137, 5891. | 3.5 | 9 |
| 110 | Determination of 3,4-methylenedioxypyrovalerone (MDPV) in oral and nasal fluids by ion mobility spectrometry. Analytical and Bioanalytical Chemistry, 2016, 408, 3265-3273. | 3.7 | 9 |
| 111 | Direct and fast determination of polychlorinated biphenyls in contaminated soils and sediments by thermal desorption-gas chromatography-tandem mass spectrometry. Journal of Chromatography A, 2020, 1610, 460573. | 3.7 | 9 |
| 112 | Molecularly imprinted polymer-based device for field collection of oral fluid samples for cocaine identification. Journal of Chromatography A, 2020, 1633, 461629. | 3.7 | 9 |
| 113 | A Mid-Infrared Flow-Through Sensor for Label-Free Monitoring of Enzyme Inhibition. Applied Spectroscopy, 2008, 62, 1322-1325. | 2.2 | 8 |
| 114 | Firstâ€Derivative Fourierâ€Transform Infrared Determination of Oxadiazon in Commercial Herbicide Formulations. Spectroscopy Letters, 2008, 41, 1-8. | 1.0 | 8 |
| 115 | Flow-Through Fourier Transform Infrared Sensor for Total Hydrocarbons Determination in Water. Applied Spectroscopy, 2009, 63, 1015-1021. | 2.2 | 8 |
| 116 | Identification and characterization of the new psychoactive substance 3-fluoroethamphetamine in seized material. Forensic Toxicology, 2018, 36, 404-414. | 2.4 | 8 |
| 117 | Green Analytical Chemistry. , 2018, , . | | 8 |
| 118 | Dual mixed-mode poly (vinylpyridine-co-methacrylic acid-co-ethylene glycol dimethacrylate)-based sorbent for acidic and basic drug extraction from oral fluid samples. Analytica Chimica Acta, 2021, 1167, 338604. | 5.4 | 8 |
| 119 | Detection of tetrahydrocannabinol residues on hands by ion-mobility spectrometry (IMS). Correlation of IMS data with saliva analysis. Analytical and Bioanalytical Chemistry, 2015, 407, 5999-6008. | 3.7 | 7 |
| 120 | Preliminary results about the breath of passive smokers and vapers based on the use of portable air monitoring devices. Microchemical Journal, 2016, 126, 454-459. | 4.5 | 7 |
| 121 | Optimization of transmission near infrared spectrometry procedures for quality control of pesticide formulations. Analytica Chimica Acta, 2006, 571, 288-297. | 5.4 | 6 |
| 122 | HPLC determination of oxadiazon in commercial pesticide formulations. Journal of the Brazilian Chemical Society, 2008, 19, 1394-1398. | 0.6 | 6 |
| 123 | The Basis of a Greener Analytical Chemistry. Comprehensive Analytical Chemistry, 2011, 57, 25-38. | 1.3 | 6 |
| 124 | Multianalyte Determination Versus One-at-a-Time Methodologies. Comprehensive Analytical Chemistry, 2011, , 121-156. | 1.3 | 6 |
| 125 | Downsizing the Methods. Comprehensive Analytical Chemistry, 2011, , 157-184. | 1.3 | 6 |
| 126 | Simultaneous determination of third-generation synthetic cannabinoids in oral fluids using cyclodextrin-silica porous sorbents. Microchemical Journal, 2022, 172, 106915. | 4.5 | 6 |

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|---|---|---|---|
| 127 | Metabolism of third generation synthetic cannabinoids using zebrafish larvae. Drug Testing and Analysis, 2022, 14, 594-603. | 2.6 | 6 |
| 128 | Quality Control of Agrochemical Formulations by Diffuse Reflectance near Infrared Spectrometry. Journal of Near Infrared Spectroscopy, 2008, 16, 129-137. | 1.5 | 5 |
| 129 | Pollutants and Air Pollution. Comprehensive Analytical Chemistry, 2016, 73, 27-44. | 1.3 | 5 |
| 130 | Analytical Approaches for the Evaluation of Food Protected Designation of Origin. , 2016, , 275-301. | | 5 |
| 131 | Ethylphenidate determination in oral fluids by molecularly imprinted polymer extraction and ion mobility spectrometry. Microchemical Journal, 2022, 178, 107423. | 4.5 | 5 |
| 132 | Hydrodistillationâ€“liquid-phase microextraction for infrared analysis of food. Analytical and Bioanalytical Chemistry, 2010, 398, 1467-1476. | 3.7 | 4 |
| 133 | Ion mobility spectrometry as a high-throughput analytical tool in occupational pyrethroid exposure. Analytical and Bioanalytical Chemistry, 2012, 404, 635-648. | 3.7 | 4 |
| 134 | Implementing the contamination prevention programs in the pesticide industry by infrared spectroscopy. Talanta, 2014, 119, 312-319. | 5.5 | 4 |
| 135 | In situ derivatization for double confirmation of 2Câ€“C in oral fluids by ion mobility spectrometry. Analytical Methods, 2017, 9, 2682-2688. | 2.7 | 4 |
| 136 | Ion mobility spectrometry as a fast analytical tool in benzalkonium chloride homologs determination. Talanta, 2017, 164, 110-115. | 5.5 | 4 |
| 137 | Paper-based monolith extraction of psychoactive substances from biological fluids. Talanta, 2022, 246, 123536. | 5.5 | 4 |
| 138 | Determination of Olive Oil Parameters by Near Infrared Spectrometry. , 2010, , 533-544. | | 3 |
| 139 | Ion mobility spectrometry for the simultaneous determination of diacetyl midecamycin and detergents in cleaning validation. Journal of Pharmaceutical and Biomedical Analysis, 2013, 83, 265-272. | 2.8 | 3 |
| 140 | Green near-infrared determination of copper and mancozeb in pesticide formulations. Analytical and Bioanalytical Chemistry, 2016, 408, 1259-1268. | 3.7 | 3 |
| 141 | Smart Sorption Materials in Green Analytical Chemistry. Green Chemistry and Sustainable Technology, 2019, , 167-202. | 0.7 | 3 |
| 142 | An Infrared Method, with Reduced Solvent Consumption, for the Determination of Chlorsulfuron in Pesticide Formulations. Spectroscopy Letters, 2003, 36, 515-529. | 1.0 | 2 |
| 143 | Quantitative Vibrational Spectrometry in the 21st Century: A Scientometric Evaluation. Spectroscopy Letters, 2005, 38, 665-675. | 1.0 | 2 |
| 144 | Vibrational Spectrometry Strategies for Quality Control of Procymidone in Pesticide Formulations. Spectroscopy Letters, 2005, 38, 703-720. | 1.0 | 2 |

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|---|---|---|---|
| 145 | Towards minimization of chlorinated solvents consume in Fourier transform infrared spectroscopy determination of Propamocarb in pesticide formulations. Talanta, 2008, 75, 339-343. | 5.5 | 2 |
| 146 | Avoiding Sample Treatments. Comprehensive Analytical Chemistry, 2011, 57, 59-86. | 1.3 | 2 |
| 147 | Practical Consequences of Green Analytical Chemistry. Comprehensive Analytical Chemistry, 2011, 57, 219-232. | 1.3 | 2 |
| 148 | Spray nebulization for sample introduction in ion mobility spectrometry. Analytica Chimica Acta, 2013, 769, 91-99. | 5.4 | 2 |
| 149 | Development of a simulation chamber for the evaluation of dermal absorption of volatile organic compounds. Atmospheric Pollution Research, 2020, 11, 1009-1017. | 3.8 | 2 |
| 150 | Green Analytical Chemistry. , 2021, , 483-493. | | 2 |
| 151 | Reply to the comments on â€œValidated, non-destructive and environmentally friendly determination of cocaine in euro bank notesâ€•by R. Sleeman, J.F. Carter, K.A. Ebejer. Journal of Chromatography A, 2006, 1108, 287-288. | 3.7 | 1 |
| 152 | Analytical Process. Comprehensive Analytical Chemistry, 2016, 73, 149-165. | 1.3 | 1 |
| 153 | Pesticide Industries Air Quality. Comprehensive Analytical Chemistry, 2016, 73, 655-682. | 1.3 | 1 |
| 154 | Unexpected identification and characterization of a cathinone precursor in the new psychoactive substance market: 3â€²,4â€²-methylenedioxy-2,2-dibromobutyrophenone. Forensic Science International, 2020, 306, 110043. | 2.2 | 1 |
| 155 | Environmental applications (air). , 2020, , 647-671. | | 1 |
| 156 | Research on Spectroscopy in Morocco from 1984 to 2006. Spectroscopy Letters, 2007, 40, 681-693. | 1.0 | 0 |
| 157 | Vibrational Spectrometry. Comprehensive Analytical Chemistry, 2008, 54, 407-440. | 1.3 | 0 |
| 158 | Moving from Wastes to Clean Wastes. Comprehensive Analytical Chemistry, 2011, , 185-205. | 1.3 | 0 |
| 159 | Ideas for a Change of Mentality and Practices. Comprehensive Analytical Chemistry, 2011, 57, 207-218. | 1.3 | 0 |
| 160 | Vibrational Spectroscopy: Structural Analysis from Molecules to Nanomaterials. International Journal of Spectroscopy, 2011, 2011, 1-2. | 1.6 | 0 |
| 161 | Direct Analysis of Samples. , 2012, , 85-102. | | 0 |
| 162 | The Challenges of Air Protection and Control. Comprehensive Analytical Chemistry, 2016, , 917-929. | 1.3 | 0 |

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|---|---|---|---|
| 163 | Physicochemistry of the Atmosphere. Comprehensive Analytical Chemistry, 2016, 73, 3-26. | 1.3 | 0 |
| 164 | Automobile Emissions Testing. , 2018, , 247-247. | | 0 |
| 165 | Airport Security Screening. , 2018, , 61-61. | | 0 |
| 166 | Skin Permeation of Hazardous Compounds of Tobacco Smoke in Presence of Antipollution Cosmetics.. Journal of Cosmetic Science, 2021, 72, 379-398. | 0.1 | 0 |