

Sergio Armenta

List of Publications by Year in descending order

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Version: 2024-02-01

166
papers

4,940
citations

136950

32
h-index

118850

62
g-index

176
all docs

176
docs citations

176
times ranked

5280
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of drugs including illicit and new psychoactive substances in oral fluids by gas chromatography-drift tube ion mobility spectrometry. <i>Talanta</i> , 2022, 238, 122966.	5.5	15
2	Simultaneous determination of third-generation synthetic cannabinoids in oral fluids using cyclodextrin-silica porous sorbents. <i>Microchemical Journal</i> , 2022, 172, 106915.	4.5	6
3	Metabolism of third generation synthetic cannabinoids using zebrafish larvae. <i>Drug Testing and Analysis</i> , 2022, 14, 594-603.	2.6	6
4	Ethylphenidate determination in oral fluids by molecularly imprinted polymer extraction and ion mobility spectrometry. <i>Microchemical Journal</i> , 2022, 178, 107423.	4.5	5
5	Paper-based monolith extraction of psychoactive substances from biological fluids. <i>Talanta</i> , 2022, 246, 123536.	5.5	4
6	Determination of Third-Generation Synthetic Cannabinoids in Oral Fluids. <i>Journal of Analytical Toxicology</i> , 2021, 45, 331-336.	2.8	22
7	<i>Green Analytical Chemistry</i> , 2021, , 483-493.		2
8	Smart materials for sample preparation in bioanalysis: A green overview. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100411.	3.3	17
9	Dual mixed-mode poly (vinylpyridine-co-methacrylic acid-co-ethylene glycol dimethacrylate)-based sorbent for acidic and basic drug extraction from oral fluid samples. <i>Analytica Chimica Acta</i> , 2021, 1167, 338604.	5.4	8
10	Skin Permeation of Hazardous Compounds of Tobacco Smoke in Presence of Antipollution Cosmetics.. <i>Journal of Cosmetic Science</i> , 2021, 72, 379-398.	0.1	0
11	Direct and fast determination of polychlorinated biphenyls in contaminated soils and sediments by thermal desorption-gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1610, 460573.	3.7	9
12	Unexpected identification and characterization of a cathinone precursor in the new psychoactive substance market: 3- α -methylendioxy-2,2-dibromobutyrophenone. <i>Forensic Science International</i> , 2020, 306, 110043.	2.2	1
13	Methylone determination in oral fluid using microextraction by packed sorbent coupled to ion mobility spectrometry. <i>Microchemical Journal</i> , 2020, 153, 104504.	4.5	10
14	Environmental applications (air). , 2020, , 647-671.		1
15	Molecularly imprinted polymer-based device for field collection of oral fluid samples for cocaine identification. <i>Journal of Chromatography A</i> , 2020, 1633, 461629.	3.7	9
16	Sample preparation strategies for the determination of psychoactive substances in biological fluids. <i>Journal of Chromatography A</i> , 2020, 1633, 461615.	3.7	17
17	Development and Evaluation of Paper-Based Devices for Iron(III) Determination in an Advanced Undergraduate Laboratory. <i>Journal of Chemical Education</i> , 2020, 97, 3852-3857.	2.3	18
18	Tuning the selectivity of molecularly imprinted polymer extraction of arylcyclohexylamines: From class-selective to specific. <i>Analytica Chimica Acta</i> , 2020, 1124, 94-103.	5.4	14

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19	Development of a simulation chamber for the evaluation of dermal absorption of volatile organic compounds. <i>Atmospheric Pollution Research</i> , 2020, 11, 1009-1017.	3.8	2
20	Analysis of hazardous chemicals by stand-alone drift tube ion mobility spectrometry: a review. <i>Analytical Methods</i> , 2020, 12, 1163-1181.	2.7	34
21	Smart Sorption Materials in Green Analytical Chemistry. <i>Green Chemistry and Sustainable Technology</i> , 2019, , 167-202.	0.7	3
22	Development of pipette tip-based poly(methacrylic acid-co-ethylene glycol dimethacrylate) monolith for the extraction of drugs of abuse from oral fluid samples. <i>Talanta</i> , 2019, 205, 120158.	5.5	31
23	Determination of the new psychoactive substance dichloropane in saliva by microextraction by packed sorbent ion mobility spectrometry. <i>Journal of Chromatography A</i> , 2019, 1603, 61-66.	3.7	21
24	Green extraction techniques in green analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 248-253.	11.4	167
25	Development of a molecularly imprinted monolithic polymer disk for agitation-extraction of ecgonine methyl ester from environmental water. <i>Talanta</i> , 2019, 199, 388-395.	5.5	19
26	Uptake and translocation monitoring of imidacloprid to chili and tomato plants by molecularly imprinting extraction - ion mobility spectrometry. <i>Microchemical Journal</i> , 2019, 144, 195-202.	4.5	22
27	Amphetamine-type stimulants analysis in oral fluid based on molecularly imprinting extraction. <i>Analytica Chimica Acta</i> , 2019, 1052, 73-83.	5.4	42
28	Magnetic molecularly imprinted polymers for the selective determination of cocaine by ion mobility spectrometry. <i>Journal of Chromatography A</i> , 2018, 1545, 22-31.	3.7	39
29	Trace analysis by ion mobility spectrometry: From conventional to smart sample preconcentration methods. A review. <i>Analytica Chimica Acta</i> , 2018, 1026, 37-50.	5.4	41
30	Flavonoid determination in onion, chili and leek by hard cap espresso extraction and liquid chromatography with diode array detection. <i>Microchemical Journal</i> , 2018, 140, 74-79.	4.5	24
31	Identification and characterization of the new psychoactive substance 3-fluoroethamphetamine in seized material. <i>Forensic Toxicology</i> , 2018, 36, 404-414.	2.4	8
32	Automobile Emissions Testing. , 2018, , 247-247.		0
33	Airport Security Screening. , 2018, , 61-61.		0
34	Ion mobility spectrometry and high resolution mass-spectrometry as methodologies for rapid identification of the last generation of new psychoactive substances. <i>Journal of Chromatography A</i> , 2018, 1574, 91-100.	3.7	22
35	Green Analytical Chemistry. , 2018, , .		8
36	Development of immunosorbents for the analysis of forchlorfenuron in fruit juices by ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5961-5967.	3.7	14

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37	Fast extraction of cannabinoids in marijuana samples by using hard-cap espresso machines. <i>Talanta</i> , 2018, 190, 321-326.	5.5	20
38	Identification and determination of synthetic cannabinoids in herbal products by dry film attenuated total reflectance-infrared spectroscopy. <i>Talanta</i> , 2017, 167, 344-351.	5.5	17
39	In situ derivatization for double confirmation of 2Câ€C in oral fluids by ion mobility spectrometry. <i>Analytical Methods</i> , 2017, 9, 2682-2688.	2.7	4
40	Selective determination of clenbuterol residues in urine by molecular imprinted polymerâ€™ ion mobility spectrometry. <i>Microchemical Journal</i> , 2017, 134, 62-67.	4.5	12
41	Green Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , 2017, 76, 1-25.	1.3	19
42	Comprehensive analysis of airborne pesticides using hard cap espresso extraction-liquid chromatography-high-resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1506, 27-36.	3.7	19
43	Hard cap espresso extraction and liquid chromatography determination of bioactive compounds in vegetables and spices. <i>Food Chemistry</i> , 2017, 237, 75-82.	8.2	15
44	Hard cap espresso extraction-stir bar preconcentration of polychlorinated biphenyls in soil and sediments. <i>Analytica Chimica Acta</i> , 2017, 952, 41-49.	5.4	22
45	Cocaine abuse determination by ion mobility spectrometry using molecular imprinting. <i>Journal of Chromatography A</i> , 2017, 1481, 23-30.	3.7	46
46	Dispersive magnetic immunoaffinity extraction. Anatoxin-a determination. <i>Journal of Chromatography A</i> , 2017, 1529, 57-62.	3.7	19
47	Towards an automatic lab-on-valve-ion mobility spectrometric system for detection of cocaine abuse. <i>Journal of Chromatography A</i> , 2017, 1512, 43-50.	3.7	18
48	Ion mobility spectrometry as a fast analytical tool in benzalkonium chloride homologs determination. <i>Talanta</i> , 2017, 164, 110-115.	5.5	4
49	Determination of 3,4-methylenedioxypyrovalerone (MDPV) in oral and nasal fluids by ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3265-3273.	3.7	9
50	Indoor and outdoor determination of pesticides in air by ion mobility spectrometry. <i>Talanta</i> , 2016, 161, 632-639.	5.5	34
51	Pollutants and Air Pollution. <i>Comprehensive Analytical Chemistry</i> , 2016, 73, 27-44.	1.3	5
52	Analytical Process. <i>Comprehensive Analytical Chemistry</i> , 2016, 73, 149-165.	1.3	1
53	Pesticide Industries Air Quality. <i>Comprehensive Analytical Chemistry</i> , 2016, 73, 655-682.	1.3	1
54	The Challenges of Air Protection and Control. <i>Comprehensive Analytical Chemistry</i> , 2016, , 917-929.	1.3	0

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55	Determination of non-steroidal anti-inflammatory drugs in water and urine using selective molecular imprinted polymer extraction and liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 48-53.	2.8	67
56	Analytical Approaches for the Evaluation of Food Protected Designation of Origin. , 2016, , 275-301.		5
57	Physicochemistry of the Atmosphere. <i>Comprehensive Analytical Chemistry</i> , 2016, 73, 3-26.	1.3	0
58	Highly selective solid-phase extraction sorbents for chloramphenicol determination in food and urine by ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8559-8567.	3.7	26
59	Green near-infrared determination of copper and mancozeb in pesticide formulations. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1259-1268.	3.7	3
60	Hard Cap Espresso Machines in Analytical Chemistry: What Else?. <i>Analytical Chemistry</i> , 2016, 88, 6570-6576.	6.5	27
61	Preliminary results about the breath of passive smokers and vapers based on the use of portable air monitoring devices. <i>Microchemical Journal</i> , 2016, 126, 454-459.	4.5	7
62	Green chromatography for the analysis of foods of animal origin. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 517-530.	11.4	32
63	Passive exposure to nicotine from e-cigarettes. <i>Talanta</i> , 2016, 152, 329-334.	5.5	24
64	The role of green extraction techniques in Green Analytical Chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 2-8.	11.4	255
65	The importance of incorporating a waste detoxification step in analytical methodologies. <i>Analytical Methods</i> , 2015, 7, 5702-5706.	2.7	18
66	Off-line coupling of multidimensional immunoaffinity chromatography and ion mobility spectrometry: A promising partnership. <i>Journal of Chromatography A</i> , 2015, 1426, 110-117.	3.7	21
67	Analysis of ecstasy in oral fluid by ion mobility spectrometry and infrared spectroscopy after liquid-liquid extraction. <i>Journal of Chromatography A</i> , 2015, 1384, 1-8.	3.7	23
68	Detection of tetrahydrocannabinol residues on hands by ion-mobility spectrometry (IMS). Correlation of IMS data with saliva analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5999-6008.	3.7	7
69	Detection and characterization of emerging psychoactive substances by ion mobility spectrometry. <i>Drug Testing and Analysis</i> , 2015, 7, 280-289.	2.6	37
70	Ion mobility spectrometry evaluation of cocaine occupational exposure in forensic laboratories. <i>Talanta</i> , 2014, 130, 251-258.	5.5	16
71	Implementing the contamination prevention programs in the pesticide industry by infrared spectroscopy. <i>Talanta</i> , 2014, 119, 312-319.	5.5	4
72	Vibrational spectroscopy in soil and sediment analysis. <i>Trends in Environmental Analytical Chemistry</i> , 2014, 2, 43-52.	10.3	21

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73	Spray nebulization for sample introduction in ion mobility spectrometry. <i>Analytica Chimica Acta</i> , 2013, 769, 91-99.	5.4	2
74	A new approach to determine the homogeneity in hyperspectral imaging considering the particle size. <i>Analytica Chimica Acta</i> , 2013, 787, 173-180.	5.4	12
75	Ion mobility spectrometry for the simultaneous determination of diacetyl midecamycin and detergents in cleaning validation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 83, 265-272.	2.8	3
76	Noninvasive Double Confirmation of Cocaine Abuse. <i>Analytical Chemistry</i> , 2013, 85, 11382-11390.	6.5	12
77	Direct Analysis of Samples. , 2012, , 85-102.		0
78	Ion mobility spectrometry for monitoring diamine oxidase activity. <i>Analyst, The</i> , 2012, 137, 5891.	3.5	9
79	Ion Mobility Spectrometry: A Comprehensive and Versatile Tool for Occupational Pharmaceutical Exposure Assessment. <i>Analytical Chemistry</i> , 2012, 84, 4560-4568.	6.5	10
80	Green analytical methods. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 625-626.	3.7	14
81	Ion mobility spectrometry as a high-throughput analytical tool in occupational pyrethroid exposure. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 635-648.	3.7	4
82	The ways to the trace level analysis in infrared spectroscopy. <i>Analytical Methods</i> , 2011, 3, 43-52.	2.7	28
83	Determination of Mercury in Milk by Cold Vapor Atomic Fluorescence: A Green Analytical Chemistry Laboratory Experiment. <i>Journal of Chemical Education</i> , 2011, 88, 488-491.	2.3	17
84	The Basis of a Greener Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , 2011, 57, 25-38.	1.3	6
85	A Green Evaluation of Existing Analytical Methods. <i>Comprehensive Analytical Chemistry</i> , 2011, 57, 39-57.	1.3	9
86	Avoiding Sample Treatments. <i>Comprehensive Analytical Chemistry</i> , 2011, 57, 59-86.	1.3	2
87	Greening Sample Treatments. <i>Comprehensive Analytical Chemistry</i> , 2011, 57, 87-120.	1.3	23
88	Multianalyte Determination Versus One-at-a-Time Methodologies. <i>Comprehensive Analytical Chemistry</i> , 2011, , 121-156.	1.3	6
89	Downsizing the Methods. <i>Comprehensive Analytical Chemistry</i> , 2011, , 157-184.	1.3	6
90	Moving from Wastes to Clean Wastes. <i>Comprehensive Analytical Chemistry</i> , 2011, , 185-205.	1.3	0

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91	Ideas for a Change of Mentality and Practices. <i>Comprehensive Analytical Chemistry</i> , 2011, 57, 207-218.	1.3	0
92	Practical Consequences of Green Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , 2011, 57, 219-232.	1.3	2
93	A review of recent, unconventional applications of ion mobility spectrometry (IMS). <i>Analytica Chimica Acta</i> , 2011, 703, 114-123.	5.4	207
94	Origins of Green Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , 2011, 57, 1-23.	1.3	24
95	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 Silver-Quantum Dots. <i>Analytical Chemistry</i> , 2011, 83, 9391-9398.	6.5	43
96	Pros and cons of benzodiazepines screening in human saliva by ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1935-1948.	3.7	20
97	Geographical traceability of "Arroz de Valencia" rice grain based on mineral element composition. <i>Food Chemistry</i> , 2011, 126, 1254-1260.	8.2	83
98	Ion mobility spectrometry: A valuable tool for kinetic studies in enzymology. <i>Analytica Chimica Acta</i> , 2011, 685, 1-8.	5.4	12
99	Determination at low ppm levels of dithiocarbamate residues in foodstuff by vapour phase-liquid phase microextraction-infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2011, 688, 191-196.	5.4	15
100	Vibrational Spectroscopy: Structural Analysis from Molecules to Nanomaterials. <i>International Journal of Spectroscopy</i> , 2011, 2011, 1-2.	1.6	0
101	Capillary liquid chromatography with off-line mid-IR and Raman micro-spectroscopic detection: analysis of chlorinated pesticides at ppb levels. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 297-308.	3.7	13
102	Hydrodistillation-liquid-phase microextraction for infrared analysis of food. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1467-1476.	3.7	4
103	Non-chromatographic speciation. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 260-268.	11.4	49
104	Green strategies for decontamination of analytical wastes. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 592-601.	11.4	59
105	Adulteration detection of argan oil by inductively coupled plasma optical emission spectrometry. <i>Food Chemistry</i> , 2010, 121, 878-886.	8.2	55
106	The Use of Near-Infrared Spectrometry in the Olive Oil Industry. <i>Critical Reviews in Food Science and Nutrition</i> , 2010, 50, 567-582.	10.3	63
107	Determination of Olive Oil Parameters by Near Infrared Spectrometry. , 2010, , 533-544.		3
108	Headspace-Liquid Phase Microextraction for Attenuated Total Reflection Infrared Determination of Volatile Organic Compounds at Trace Levels. <i>Analytical Chemistry</i> , 2010, 82, 3045-3051.	6.5	21

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109	Developing automated analytical methods for scientific environments using LabVIEW. <i>Talanta</i> , 2010, 80, 1081-1087.	5.5	25
110	Green Spectroscopy: A Scientometric Picture. <i>Spectroscopy Letters</i> , 2009, 42, 277-283.	1.0	19
111	Determination of enzyme activity inhibition by FTIR spectroscopy on the example of fructose biphosphatase. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 2137-2144.	3.7	10
112	Elemental fingerprint of wines from the protected designation of origin Valencia. <i>Food Chemistry</i> , 2009, 112, 26-34.	8.2	132
113	Non-chromatographic speciation of inorganic arsenic in mushrooms by hydride generation atomic fluorescence spectrometry. <i>Food Chemistry</i> , 2009, 115, 360-364.	8.2	48
114	Trace-element composition and stable-isotope ratio for discrimination of foods with Protected Designation of Origin. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 1295-1311.	11.4	175
115	Flow through FTIR sensor based on solid phase spectroscopy (SPS) on conventional octadecyl (C18) silica. <i>Vibrational Spectroscopy</i> , 2009, 51, 60-64.	2.2	12
116	A review of non-chromatographic methods for speciation analysis. <i>Analytica Chimica Acta</i> , 2009, 636, 129-157.	5.4	116
117	Flow-Through Fourier Transform Infrared Sensor for Total Hydrocarbons Determination in Water. <i>Applied Spectroscopy</i> , 2009, 63, 1015-1021.	2.2	8
118	Mid- and near-infrared determination of metribuzin in agrochemicals. <i>Vibrational Spectroscopy</i> , 2008, 46, 82-88.	2.2	21
119	On-line vapor-phase generation combined with Fourier transform infrared spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 15-23.	11.4	9
120	Analytical methods to determine cocaine contamination of banknotes from around the world. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 344-351.	11.4	37
121	Green Analytical Chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 497-511.	11.4	789
122	Elemental composition of seasoning products. <i>Talanta</i> , 2008, 74, 1085-1095.	5.5	32
123	Towards minimization of chlorinated solvents consume in Fourier transform infrared spectroscopy determination of Propamocarb in pesticide formulations. <i>Talanta</i> , 2008, 75, 339-343.	5.5	2
124	A Mid-Infrared Flow-Through Sensor for Label-Free Monitoring of Enzyme Inhibition. <i>Applied Spectroscopy</i> , 2008, 62, 1322-1325.	2.2	8
125	Searching the Most Appropriate Sample Pretreatment for the Elemental Analysis of Wines by Inductively Coupled Plasma-Based Techniques. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 4943-4954.	5.2	45
126	Firstâ€Derivative Fourierâ€Transform Infrared Determination of Oxadiazon in Commercial Herbicide Formulations. <i>Spectroscopy Letters</i> , 2008, 41, 1-8.	1.0	8

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127	Trace elemental composition of curry by inductively coupled plasma optical emission spectrometry (ICP-OES). <i>Food Additives and Contaminants: Part B Surveillance</i> , 2008, 1, 114-121.	2.8	11
128	Vibrational Spectrometry. <i>Comprehensive Analytical Chemistry</i> , 2008, 54, 407-440.	1.3	0
129	Quality Control of Agrochemical Formulations by Diffuse Reflectance near Infrared Spectrometry. <i>Journal of Near Infrared Spectroscopy</i> , 2008, 16, 129-137.	1.5	5
130	HPLC determination of oxadiazon in commercial pesticide formulations. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1394-1398.	0.6	6
131	Comparison of two vibrational procedures for the direct determination of mancozeb in agrochemicals. <i>Talanta</i> , 2007, 72, 72-79.	5.5	16
132	Assessment of temperature effects on β -aggregation of native and glycated albumin by FTIR spectroscopy and PAGE: Relations between structural changes and antioxidant properties. <i>Archives of Biochemistry and Biophysics</i> , 2007, 460, 141-150.	3.0	56
133	Research on Spectroscopy in Morocco from 1984 to 2006. <i>Spectroscopy Letters</i> , 2007, 40, 681-693.	1.0	0
134	Partial least squares-near infrared determination of pesticides in commercial formulations. <i>Vibrational Spectroscopy</i> , 2007, 44, 273-278.	2.2	31
135	Recent developments in flow-analysis vibrational spectroscopy. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 775-787.	11.4	24
136	Headspace-mass spectrometry determination of benzene, toluene and the mixture of ethylbenzene and xylene isomers in soil samples using chemometrics. <i>Analytica Chimica Acta</i> , 2007, 587, 89-96.	5.4	37
137	Determination of edible oil parameters by near infrared spectrometry. <i>Analytica Chimica Acta</i> , 2007, 596, 330-337.	5.4	149
138	Determination of iprodione in agrochemicals by infrared and Raman spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2887-2894.	3.7	27
139	Effects of oxidative modifications induced by the glycation of bovine serum albumin on its structure and cultured adipose cells. <i>Biochimie</i> , 2006, 88, 1467-1477.	2.6	75
140	Multicommutation-NIR determination of Hexythiazox in pesticide formulations. <i>Talanta</i> , 2006, 68, 1700-1706.	5.5	20
141	Quality control of Metamitron in agrochemicals using Fourier transform infrared spectroscopy in the middle and near range. <i>Analytica Chimica Acta</i> , 2006, 565, 255-260.	5.4	17
142	Direct determination of Mancozeb by photoacoustic spectrometry. <i>Analytica Chimica Acta</i> , 2006, 567, 255-261.	5.4	31
143	Development of a simple and low cost device for vapour phase Fourier Transform Infrared spectrometry determination of ethanol in mouthwashes. <i>Analytica Chimica Acta</i> , 2006, 569, 238-243.	5.4	10
144	Optimization of transmission near infrared spectrometry procedures for quality control of pesticide formulations. <i>Analytica Chimica Acta</i> , 2006, 571, 288-297.	5.4	6

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145	Univariate near infrared methods for determination of pesticides in agrochemicals. <i>Analytica Chimica Acta</i> , 2006, 579, 17-24.	5.4	15
146	Seafood freshness determination through vapour phase Fourier transform infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2006, 580, 216-222.	5.4	29
147	Reply to the comments on "Validated, non-destructive and environmentally friendly determination of cocaine in euro bank notes" by R. Sleeman, J.F. Carter, K.A. Ebejer. <i>Journal of Chromatography A</i> , 2006, 1108, 287-288.	3.7	1
148	Automated Fourier Transform near Infrared Determination of Buprofezin in Pesticide Formulations. <i>Journal of Near Infrared Spectroscopy</i> , 2005, 13, 161-168.	1.5	12
149	Mid-infrared and Raman spectrometry for quality control of pesticide formulations. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 772-781.	11.4	51
150	Near infrared determination of Diuron in pesticide formulations. <i>Analytica Chimica Acta</i> , 2005, 543, 124-129.	5.4	23
151	Attenuated Total Reflection-Fourier transform infrared analysis of the fermentation process of pineapple. <i>Analytica Chimica Acta</i> , 2005, 545, 99-106.	5.4	26
152	Solid-phase FT-Raman determination of caffeine in energy drinks. <i>Analytica Chimica Acta</i> , 2005, 547, 197-203.	5.4	62
153	Validated, non-destructive and environmentally friendly determination of cocaine in euro bank notes. <i>Journal of Chromatography A</i> , 2005, 1065, 321-325.	3.7	30
154	Quantitative Vibrational Spectrometry in the 21st Century: A Scientometric Evaluation. <i>Spectroscopy Letters</i> , 2005, 38, 665-675.	1.0	2
155	Solid sampling Fourier transform infrared determination of Mancozeb in pesticide formulations. <i>Talanta</i> , 2005, 65, 971-979.	5.5	11
156	A validated and fast procedure for FTIR determination of Cypermethrin and Chlorpyrifos. <i>Talanta</i> , 2005, 67, 634-639.	5.5	39
157	Vibrational Spectrometry Strategies for Quality Control of Procymidone in Pesticide Formulations. <i>Spectroscopy Letters</i> , 2005, 38, 703-720.	1.0	2
158	FTIR Approaches for Diuron Determination in Commercial Pesticide Formulations. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 5842-5847.	5.2	17
159	Fourier transform infrared determination of imidacloprid in pesticide formulations. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 307-312.	0.6	26
160	Fourier transform infrared spectrometric determination of Malathion in pesticide formulations. <i>Analytica Chimica Acta</i> , 2004, 502, 213-220.	5.4	25
161	Determination of cyromazine in pesticide commercial formulations by vibrational spectrometric procedures. <i>Analytica Chimica Acta</i> , 2004, 524, 257-264.	5.4	25
162	Sweeteners determination in table top formulations using FT-Raman spectrometry and chemometric analysis. <i>Analytica Chimica Acta</i> , 2004, 521, 149-155.	5.4	51

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163	FTIR Determination of Aspartame and Acesulfame-K in Tabletop Sweeteners. Journal of Agricultural and Food Chemistry, 2004, 52, 7798-7803.	5.2	46
164	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
165	An Infrared Method, with Reduced Solvent Consumption, for the Determination of Chlorsulfuron in Pesticide Formulations. Spectroscopy Letters, 2003, 36, 515-529.	1.0	2
166	Fourier transform infrared spectrometric strategies for the determination of Buprofezin in pesticide formulations. Analytica Chimica Acta, 2002, 468, 81-90.	5.4	29