

Sergio Armenta

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

171
papers

3,839
citations

29
h-index

55
g-index

176
ext. papers

4,363
ext. citations

5.3
avg, IF

5.79
L-index

#	Paper	IF	Citations
171	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	6.2	3
170	Simultaneous determination of third-generation synthetic cannabinoids in oral fluids using cyclodextrin-silica porous sorbents. <i>Microchemical Journal</i> , 2022 , 172, 106915	4.8	1
169	Ethylphenidate determination in oral fluids by molecularly imprinted polymer extraction and ion mobility spectrometry. <i>Microchemical Journal</i> , 2022 , 178, 107423	4.8	0
168	Paper-based monolith extraction of psychoactive substances from biological fluids.. <i>Talanta</i> , 2022 , 246, 123536	6.2	0
167	Smart materials for sample preparation in bioanalysis: A green overview. <i>Sustainable Chemistry and Pharmacy</i> , 2021 , 21, 100411	3.9	6
166	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	6.6	3
165	Determination of Third-Generation Synthetic Cannabinoids in Oral Fluids. <i>Journal of Analytical Toxicology</i> , 2021 , 45, 331-336	2.9	8
164	Green Analytical Chemistry 2021 , 483-493		1
163	Tuning the selectivity of molecularly imprinted polymer extraction of arylcyclohexylamines: From class-selective to specific. <i>Analytica Chimica Acta</i> , 2020 , 1124, 94-103	6.6	3
162	Development of a simulation chamber for the evaluation of dermal absorption of volatile organic compounds. <i>Atmospheric Pollution Research</i> , 2020 , 11, 1009-1017	4.5	1
161	Analysis of hazardous chemicals by stand alone drift tube ion mobility spectrometry: a review. <i>Analytical Methods</i> , 2020 , 12, 1163-1181	3.2	12
160	Unexpected identification and characterization of a cathinone precursor in the new psychoactive substance market: 3',4'-methylenedioxy-2,2-dibromobutyrophenone. <i>Forensic Science International</i> , 2020 , 306, 110043	2.6	0
159	Methylone determination in oral fluid using microextraction by packed sorbent coupled to ion mobility spectrometry. <i>Microchemical Journal</i> , 2020 , 153, 104504	4.8	4
158	Environmental applications (air) 2020 , 647-671		1
157	Molecularly imprinted polymer-based device for field collection of oral fluid samples for cocaine identification. <i>Journal of Chromatography A</i> , 2020 , 1633, 461629	4.5	2
156	Sample preparation strategies for the determination of psychoactive substances in biological fluids. <i>Journal of Chromatography A</i> , 2020 , 1633, 461615	4.5	6
155	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	2.4	7

154	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	4.5	7
153	Smart Materials for Forensic Analysis 2019 , 895-930		
152	Green extraction techniques in green analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 116, 248-253	14.6	82
151	Carbon-Based Nanomaterials in Analytical Chemistry 2019 , 345-374		2
150	Smart Sorption Materials in Green Analytical Chemistry. <i>Green Chemistry and Sustainable Technology</i> , 2019 , 167-202	1.1	0
149	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	6.2	19
148	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	4.5	17
147	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	6.2	14
146	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	4.8	15
145	Amphetamine-type stimulants analysis in oral fluid based on molecularly imprinting extraction. <i>Analytica Chimica Acta</i> , 2019 , 1052, 73-83	6.6	28
144	Magnetic molecularly imprinted polymers for the selective determination of cocaine by ion mobility spectrometry. <i>Journal of Chromatography A</i> , 2018 , 1545, 22-31	4.5	30
143	Trace analysis by ion mobility spectrometry: From conventional to smart sample preconcentration methods. A review. <i>Analytica Chimica Acta</i> , 2018 , 1026, 37-50	6.6	26
142	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	4.8	20
141	Identification and characterization of the new psychoactive substance 3-fluoroethamphetamine in seized material. <i>Forensic Toxicology</i> , 2018 , 36, 404-414	2.6	6
140	Green Analytical Chemistry 2018 ,		1
139	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	4.4	13
138	Fast extraction of cannabinoids in marijuana samples by using hard-cap espresso machines. <i>Talanta</i> , 2018 , 190, 321-326	6.2	15
137	Automobile Emissions Testing 2018 , 247-247		

136 Airport Security Screening **2018**, 61-61

135 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 4.5 18

134 Identification and determination of synthetic cannabinoids in herbal products by dry film attenuated total reflectance-infrared spectroscopy. *Talanta*, **2017**, 167, 344-351 6.2 14

133 In situ derivatization for double confirmation of 2C_B in oral fluids by ion mobility spectrometry. *Analytical Methods*, **2017**, 9, 2682-2688 3.2 2

132 Selective determination of clenbuterol residues in urine by molecular imprinted polymer ion mobility spectrometry. *Microchemical Journal*, **2017**, 134, 62-67 4.8 10

131 Green Analytical Chemistry: The Role of Green Extraction Techniques. *Comprehensive Analytical Chemistry*, **2017**, 76, 1-25 1.9 16

130 Comprehensive analysis of airborne pesticides using hard cap espresso extraction-liquid chromatography-high-resolution mass spectrometry. *Journal of Chromatography A*, **2017**, 1506, 27-36 4.5 16

129 Hard cap espresso extraction and liquid chromatography determination of bioactive compounds in vegetables and spices. *Food Chemistry*, **2017**, 237, 75-82 8.5 13

128 Hard cap espresso extraction-stir bar preconcentration of polychlorinated biphenyls in soil and sediments. *Analytica Chimica Acta*, **2017**, 952, 41-49 6.6 16

127 Cocaine abuse determination by ion mobility spectrometry using molecular imprinting. *Journal of Chromatography A*, **2017**, 1481, 23-30 4.5 38

126 Dispersive magnetic immunoaffinity extraction. Anatoxin-a determination. *Journal of Chromatography A*, **2017**, 1529, 57-62 4.5 15

125 Towards an automatic lab-on-valve-ion mobility spectrometric system for detection of cocaine abuse. *Journal of Chromatography A*, **2017**, 1512, 43-50 4.5 16

124 Ion mobility spectrometry as a fast analytical tool in benzalkonium chloride homologs determination. *Talanta*, **2017**, 164, 110-115 6.2 3

123 Analytical Approaches for the Evaluation of Food Protected Designation of Origin **2016**, 275-301 3

122 Physicochemistry of the Atmosphere. *Comprehensive Analytical Chemistry*, **2016**, 73, 3-26 1.9

121 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 4.4 24

120 Green near-infrared determination of copper and mancozeb in pesticide formulations. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 1259-68 4.4 1

119 Hard Cap Espresso Machines in Analytical Chemistry: What Else?. *Analytical Chemistry*, **2016**, 88, 6570-6 7.8 23

118	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	4.8	6
117	Green chromatography for the analysis of foods of animal origin. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 80, 517-530	14.6	23
116	Passive exposure to nicotine from e-cigarettes. <i>Talanta</i> , 2016 , 152, 329-34	6.2	21
115	Determination of 3,4-methylenedioxypropylamphetamine (MDPV) in oral and nasal fluids by ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 3265-73	4.4	9
114	Indoor and outdoor determination of pesticides in air by ion mobility spectrometry. <i>Talanta</i> , 2016 , 161, 632-639	6.2	22
113	Pollutants and Air Pollution. <i>Comprehensive Analytical Chemistry</i> , 2016 , 73, 27-44	1.9	5
112	Analytical Process. <i>Comprehensive Analytical Chemistry</i> , 2016 , 73, 149-165	1.9	
111	Pesticide Industries Air Quality. <i>Comprehensive Analytical Chemistry</i> , 2016 , 73, 655-682	1.9	1
110	The Challenges of Air Protection and Control. <i>Comprehensive Analytical Chemistry</i> , 2016 , 917-929	1.9	
109	Challenges in Green Analytical Chemistry 2016 , 1-9		1
108	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	3.5	52
107	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	4.4	4
106	Detection and characterization of emerging psychoactive substances by ion mobility spectrometry. <i>Drug Testing and Analysis</i> , 2015 , 7, 280-9	3.5	31
105	Mineral content of seasonings, salt and vinegar 2015 , 685-698		
104	Speciation analysis of food 2015 , 177-188		
103	Mineral content of eggs 2015 , 669-683		
102	The role of green extraction techniques in Green Analytical Chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 71, 2-8	14.6	202
101	The importance of incorporating a waste detoxification step in analytical methodologies. <i>Analytical Methods</i> , 2015 , 7, 5702-5706	3.2	8

100	Off-line coupling of multidimensional immunoaffinity chromatography and ion mobility spectrometry: A promising partnership. <i>Journal of Chromatography A</i> , 2015 , 1426, 110-7	4.5	20
99	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	4.5	19
98	Ion mobility spectrometry evaluation of cocaine occupational exposure in forensic laboratories. <i>Talanta</i> , 2014 , 130, 251-8	6.2	13
97	Implementing the contamination prevention programs in the pesticide industry by infrared spectroscopy. <i>Talanta</i> , 2014 , 119, 312-9	6.2	3
96	Vibrational spectroscopy in soil and sediment analysis. <i>Trends in Environmental Analytical Chemistry</i> , 2014 , 2, 43-52	12	16
95	Spray nebulization for sample introduction in ion mobility spectrometry. <i>Analytica Chimica Acta</i> , 2013 , 769, 91-9	6.6	2
94	A new approach to determine the homogeneity in hyperspectral imaging considering the particle size. <i>Analytica Chimica Acta</i> , 2013 , 787, 173-80	6.6	10
93	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, 265-72	3.5	2
92	Noninvasive double confirmation of cocaine abuse. <i>Analytical Chemistry</i> , 2013 , 85, 11382-90	7.8	10
91	Ion mobility spectrometry for monitoring diamine oxidase activity. <i>Analyst, The</i> , 2012 , 137, 5891-7	5	7
90	Ion mobility spectrometry: a comprehensive and versatile tool for occupational pharmaceutical exposure assessment. <i>Analytical Chemistry</i> , 2012 , 84, 4560-8	7.8	9
89	Ion mobility spectrometry as a high-throughput analytical tool in occupational pyrethroid exposure. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 635-48	4.4	3
88	Direct Analysis of Samples 2012 , 85-102		
87	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	2.4	15
86	The Basis of a Greener Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , 2011 , 57, 25-38	1.9	4
85	A Green Evaluation of Existing Analytical Methods. <i>Comprehensive Analytical Chemistry</i> , 2011 , 57, 39-57	1.9	7
84	Avoiding Sample Treatments. <i>Comprehensive Analytical Chemistry</i> , 2011 , 57, 59-86	1.9	1
83	Greening Sample Treatments. <i>Comprehensive Analytical Chemistry</i> , 2011 , 57, 87-120	1.9	14

82	Multianalyte Determination Versus One-at-a-Time Methodologies. <i>Comprehensive Analytical Chemistry</i> , 2011 , 121-156	1.9	1
81	Downsizing the Methods. <i>Comprehensive Analytical Chemistry</i> , 2011 , 157-184	1.9	4
80	Moving from Wastes to Clean Wastes. <i>Comprehensive Analytical Chemistry</i> , 2011 , 185-205	1.9	
79	Ideas for a Change of Mentality and Practices. <i>Comprehensive Analytical Chemistry</i> , 2011 , 57, 207-218	1.9	
78	Practical Consequences of Green Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , 2011 , 57, 219-232	1.9	1
77	A review of recent, unconventional applications of ion mobility spectrometry (IMS). <i>Analytica Chimica Acta</i> , 2011 , 703, 114-23	6.6	161
76	Origins of Green Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , 2011 , 57, 1-23	1.9	14
75	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, 9391-8	7.8	38
74	Pros and cons of benzodiazepines screening in human saliva by ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 1935-48	4.4	19
73	Geographical traceability of <i>Arroz de Valencia</i> rice grain based on mineral element composition. <i>Food Chemistry</i> , 2011 , 126, 1254-1260	8.5	65
72	The ways to the trace level analysis in infrared spectroscopy. <i>Analytical Methods</i> , 2011 , 3, 43-52	3.2	23
71	Ion mobility spectrometry: a valuable tool for kinetic studies in enzymology. <i>Analytica Chimica Acta</i> , 2011 , 685, 1-8	6.6	12
70	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, 191-6	6.6	12
69	Vibrational Spectroscopy: Structural Analysis from Molecules to Nanomaterials. <i>International Journal of Spectroscopy</i> , 2011 , 2011, 1-2		
68	The use of near-infrared spectrometry in the olive oil industry. <i>Critical Reviews in Food Science and Nutrition</i> , 2010 , 50, 567-82	11.5	52
67	Determination of Olive Oil Parameters by Near Infrared Spectrometry 2010 , 533-544		2
66	Green Solvents for Analytical Separation and Analyses 2010 ,		5
65	Headspace-liquid phase microextraction for attenuated total reflection infrared determination of volatile organic compounds at trace levels. <i>Analytical Chemistry</i> , 2010 , 82, 3045-51	7.8	19

64	Developing automated analytical methods for scientific environments using LabVIEW. <i>Talanta</i> , 2010 , 80, 1081-7	6.2	20
63	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	4.4	12
62	Hydrodistillation-liquid-phase microextraction for infrared analysis of food. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 1467-76	4.4	3
61	Non-chromatographic speciation. <i>TrAC - Trends in Analytical Chemistry</i> , 2010 , 29, 260-268	14.6	41
60	Green strategies for decontamination of analytical wastes. <i>TrAC - Trends in Analytical Chemistry</i> , 2010 , 29, 592-601	14.6	50
59	Adulteration detection of argan oil by inductively coupled plasma optical emission spectrometry. <i>Food Chemistry</i> , 2010 , 121, 878-886	8.5	49
58	Green Spectroscopy: A Scientometric Picture. <i>Spectroscopy Letters</i> , 2009 , 42, 277-283	1.1	16
57	Determination of enzyme activity inhibition by FTIR spectroscopy on the example of fructose biphosphatase. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 394, 2137-44	4.4	9
56	Elemental fingerprint of wines from the protected designation of origin Valencia. <i>Food Chemistry</i> , 2009 , 112, 26-34	8.5	120
55	Non-chromatographic speciation of inorganic arsenic in mushrooms by hydride generation atomic fluorescence spectrometry. <i>Food Chemistry</i> , 2009 , 115, 360-364	8.5	46
54	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	14.6	153
53	Flow through FTIR sensor based on solid phase spectroscopy (SPS) on conventional octadecyl (C18) silica. <i>Vibrational Spectroscopy</i> , 2009 , 51, 60-64	2.1	11
52	A review of non-chromatographic methods for speciation analysis. <i>Analytica Chimica Acta</i> , 2009 , 636, 129-57	6.6	103
51	Flow-through Fourier transform infrared sensor for total hydrocarbons determination in water. <i>Applied Spectroscopy</i> , 2009 , 63, 1015-21	3.1	8
50	Elemental composition of seasoning products. <i>Talanta</i> , 2008 , 74, 1085-95	6.2	31
49	Towards minimization of chlorinated solvents consume in Fourier transform infrared spectroscopy determination of Propamocarb in pesticide formulations. <i>Talanta</i> , 2008 , 75, 339-43	6.2	1
48	A mid-infrared flow-through sensor for label-free monitoring of enzyme inhibition. <i>Applied Spectroscopy</i> , 2008 , 62, 1322-5	3.1	8
47	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, 4943-54	5.7	40

46	First-Derivative Fourier-Transform Infrared Determination of Oxadiazon in Commercial Herbicide Formulations. <i>Spectroscopy Letters</i> , 2008 , 41, 1-8	1.1	8
45	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, 114-21	3.3	6
44	Vibrational Spectrometry. <i>Comprehensive Analytical Chemistry</i> , 2008 , 54, 407-440	1.9	
43	Quality Control of Agrochemical Formulations by Diffuse Reflectance near Infrared Spectrometry. <i>Journal of Near Infrared Spectroscopy</i> , 2008 , 16, 129-137	1.5	3
42	HPLC determination of oxadiazon in commercial pesticide formulations. <i>Journal of the Brazilian Chemical Society</i> , 2008 , 19, 1394-1398	1.5	4
41	Mid- and near-infrared determination of metribuzin in agrochemicals. <i>Vibrational Spectroscopy</i> , 2008 , 46, 82-88	2.1	16
40	On-line vapor-phase generation combined with Fourier transform infrared spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2008 , 27, 15-23	14.6	8
39	Analytical methods to determine cocaine contamination of banknotes from around the world. <i>TrAC - Trends in Analytical Chemistry</i> , 2008 , 27, 344-351	14.6	33
38	Green Analytical Chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2008 , 27, 497-511	14.6	606
37	Research on Spectroscopy in Morocco from 1984 to 2006View all notes. <i>Spectroscopy Letters</i> , 2007 , 40, 681-693	1.1	
36	Partial least squares-near infrared determination of pesticides in commercial formulations. <i>Vibrational Spectroscopy</i> , 2007 , 44, 273-278	2.1	25
35	Recent developments in flow-analysis vibrational spectroscopy. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 775-787	14.6	21
34	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	6.6	35
33	Determination of edible oil parameters by near infrared spectrometry. <i>Analytica Chimica Acta</i> , 2007 , 596, 330-7	6.6	127
32	Determination of iprodione in agrochemicals by infrared and Raman spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 2887-94	4.4	23
31	Comparison of two vibrational procedures for the direct determination of mancozeb in agrochemicals. <i>Talanta</i> , 2007 , 72, 72-9	6.2	15
30	Assessment of temperature effects on beta-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, 141-50	4.1	50
29	Effects of oxidative modifications induced by the glycation of bovine serum albumin on its structure and on cultured adipose cells. <i>Biochimie</i> , 2006 , 88, 1467-77	4.6	69

28	Multicommutation-NIR determination of Hexythiazox in pesticide formulations. <i>Talanta</i> , 2006 , 68, 1700-6.2	18
27	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	6.6 16
26	Direct determination of Mancozeb by photoacoustic spectrometry. <i>Analytica Chimica Acta</i> , 2006 , 567, 255-261	6.6 22
25	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	6.6 9
24	Optimization of transmission near infrared spectrometry procedures for quality control of pesticide formulations. <i>Analytica Chimica Acta</i> , 2006 , 571, 288-97	6.6 5
23	Univariate near infrared methods for determination of pesticides in agrochemicals. <i>Analytica Chimica Acta</i> , 2006 , 579, 17-24	6.6 14
22	Seafood freshness determination through vapour phase Fourier transform infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2006 , 580, 216-22	6.6 27
21	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	4.5 0
20	Quantitative Vibrational Spectrometry in the 21st Century: A Scientometric Evaluation. <i>Spectroscopy Letters</i> , 2005 , 38, 665-675	1.1 2
19	Solid sampling Fourier transform infrared determination of Mancozeb in pesticide formulations. <i>Talanta</i> , 2005 , 65, 971-9	6.2 6
18	A validated and fast procedure for FTIR determination of Cypermethrin and Chlorpyrifos. <i>Talanta</i> , 2005 , 67, 634-9	6.2 27
17	Vibrational Spectrometry Strategies for Quality Control of Procymidone in Pesticide Formulations. <i>Spectroscopy Letters</i> , 2005 , 38, 703-720	1.1 2
16	FTIR approaches for diuron determination in commercial pesticide formulations. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 5842-7	5.7 11
15	Automated Fourier Transform near Infrared Determination of Buprofezin in Pesticide Formulations. <i>Journal of Near Infrared Spectroscopy</i> , 2005 , 13, 161-168	1.5 11
14	Mid-infrared and Raman spectrometry for quality control of pesticide formulations. <i>TrAC - Trends in Analytical Chemistry</i> , 2005 , 24, 772-781	14.6 39
13	Near infrared determination of Diuron in pesticide formulations. <i>Analytica Chimica Acta</i> , 2005 , 543, 124-129	6.2 20
12	Attenuated Total Reflection-Fourier transform infrared analysis of the fermentation process of pineapple. <i>Analytica Chimica Acta</i> , 2005 , 545, 99-106	6.6 21
11	Solid-phase FT-Raman determination of caffeine in energy drinks. <i>Analytica Chimica Acta</i> , 2005 , 547, 197-203	6.6 51

10	Validated, non-destructive and environmentally friendly determination of cocaine in euro bank notes. <i>Journal of Chromatography A</i> , 2005 , 1065, 321-5	4.5	27
9	Fourier transform infrared determination of imidacloprid in pesticide formulations. <i>Journal of the Brazilian Chemical Society</i> , 2004 , 15, 307-312	1.5	15
8	Fourier transform infrared spectrometric determination of Malathion in pesticide formulations. <i>Analytica Chimica Acta</i> , 2004 , 502, 213-220	6.6	17
7	Determination of cyromazine in pesticide commercial formulations by vibrational spectrometric procedures. <i>Analytica Chimica Acta</i> , 2004 , 524, 257-264	6.6	22
6	Sweeteners determination in table top formulations using FT-Raman spectrometry and chemometric analysis. <i>Analytica Chimica Acta</i> , 2004 , 521, 149-155	6.6	41
5	FTIR determination of Aspartame and Acesulfame-K in tabletop sweeteners. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 7798-803	5.7	37
4	An Infrared Method, with Reduced Solvent Consumption, for the Determination of Chlorsulfuron in Pesticide Formulations. <i>Spectroscopy Letters</i> , 2003 , 36, 515-529	1.1	2
3	Simultaneous determination of Folpet and Metalaxyl in pesticide formulations by flow injection Fourier transform infrared spectrometry. <i>Analytica Chimica Acta</i> , 2003 , 480, 11-21	6.6	25
2	Fourier transform infrared spectrometric strategies for the determination of Buprofezin in pesticide formulations. <i>Analytica Chimica Acta</i> , 2002 , 468, 81-90	6.6	21
1	Green Industrial Analysis 505-518		