

# Sergio Armenta

## List of Publications by Citations

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171  
papers

3,839  
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29  
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176  
ext. papers

4,363  
ext. citations

5.3  
avg, IF

5.79  
L-index

#	Paper	IF	Citations
171	Green Analytical Chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2008</b> , 27, 497-511	14.6	606
170	The role of green extraction techniques in Green Analytical Chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2015</b> , 71, 2-8	14.6	202
169	A review of recent, unconventional applications of ion mobility spectrometry (IMS). <i>Analytica Chimica Acta</i> , <b>2011</b> , 703, 114-23	6.6	161
168	Trace-element composition and stable-isotope ratio for discrimination of foods with Protected Designation of Origin. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2009</b> , 28, 1295-1311	14.6	153
167	Determination of edible oil parameters by near infrared spectrometry. <i>Analytica Chimica Acta</i> , <b>2007</b> , 596, 330-7	6.6	127
166	Elemental fingerprint of wines from the protected designation of origin Valencia. <i>Food Chemistry</i> , <b>2009</b> , 112, 26-34	8.5	120
165	A review of non-chromatographic methods for speciation analysis. <i>Analytica Chimica Acta</i> , <b>2009</b> , 636, 129-57	6.6	103
164	Green extraction techniques in green analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 116, 248-253	14.6	82
163	Effects of oxidative modifications induced by the glycation of bovine serum albumin on its structure and on cultured adipose cells. <i>Biochimie</i> , <b>2006</b> , 88, 1467-77	4.6	69
162	Geographical traceability of <i>Arroz de Valencia</i> rice grain based on mineral element composition. <i>Food Chemistry</i> , <b>2011</b> , 126, 1254-1260	8.5	65
161	The use of near-infrared spectrometry in the olive oil industry. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2010</b> , 50, 567-82	11.5	52
160	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> , <b>2016</b> , 131, 48-53	3.5	52
159	Solid-phase FT-Raman determination of caffeine in energy drinks. <i>Analytica Chimica Acta</i> , <b>2005</b> , 547, 197-203	6.6	51
158	Green strategies for decontamination of analytical wastes. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2010</b> , 29, 592-601	14.6	50
157	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> , <b>2007</b> , 460, 141-50	4.1	50
156	Adulteration detection of argan oil by inductively coupled plasma optical emission spectrometry. <i>Food Chemistry</i> , <b>2010</b> , 121, 878-886	8.5	49
155	Non-chromatographic speciation of inorganic arsenic in mushrooms by hydride generation atomic fluorescence spectrometry. <i>Food Chemistry</i> , <b>2009</b> , 115, 360-364	8.5	46

154	Non-chromatographic speciation. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2010</b> , 29, 260-268	14.6	41
153	Sweeteners determination in table top formulations using FT-Raman spectrometry and chemometric analysis. <i>Analytica Chimica Acta</i> , <b>2004</b> , 521, 149-155	6.6	41
152	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> , <b>2008</b> , 56, 4943-4954	5.7	40
151	Mid-infrared and Raman spectrometry for quality control of pesticide formulations. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2005</b> , 24, 772-781	14.6	39
150	Cocaine abuse determination by ion mobility spectrometry using molecular imprinting. <i>Journal of Chromatography A</i> , <b>2017</b> , 1481, 23-30	4.5	38
149	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> , <b>2011</b> , 83, 9391-8	7.8	38
148	FTIR determination of Aspartame and Acesulfame-K in tabletop sweeteners. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 7798-803	5.7	37
147	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> , <b>2007</b> , 587, 89-96	6.6	35
146	Analytical methods to determine cocaine contamination of banknotes from around the world. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2008</b> , 27, 344-351	14.6	33
145	Detection and characterization of emerging psychoactive substances by ion mobility spectrometry. <i>Drug Testing and Analysis</i> , <b>2015</b> , 7, 280-9	3.5	31
144	Elemental composition of seasoning products. <i>Talanta</i> , <b>2008</b> , 74, 1085-95	6.2	31
143	Magnetic molecularly imprinted polymers for the selective determination of cocaine by ion mobility spectrometry. <i>Journal of Chromatography A</i> , <b>2018</b> , 1545, 22-31	4.5	30
142	Amphetamine-type stimulants analysis in oral fluid based on molecularly imprinting extraction. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1052, 73-83	6.6	28
141	A validated and fast procedure for FTIR determination of Cypermethrin and Chlorpyrifos. <i>Talanta</i> , <b>2005</b> , 67, 634-9	6.2	27
140	Seafood freshness determination through vapour phase Fourier transform infrared spectroscopy. <i>Analytica Chimica Acta</i> , <b>2006</b> , 580, 216-22	6.6	27
139	Validated, non-destructive and environmentally friendly determination of cocaine in euro bank notes. <i>Journal of Chromatography A</i> , <b>2005</b> , 1065, 321-5	4.5	27
138	Trace analysis by ion mobility spectrometry: From conventional to smart sample preconcentration methods. A review. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1026, 37-50	6.6	26
137	Partial least squares-near infrared determination of pesticides in commercial formulations. <i>Vibrational Spectroscopy</i> , <b>2007</b> , 44, 273-278	2.1	25

136	Simultaneous determination of Folpet and Metalaxyl in pesticide formulations by flow injection Fourier transform infrared spectrometry. <i>Analytica Chimica Acta</i> , <b>2003</b> , 480, 11-21	6.6	25
135	Highly selective solid-phase extraction sorbents for chloramphenicol determination in food and urine by ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 8559-8567	4.4	24
134	Hard Cap Espresso Machines in Analytical Chemistry: What Else?. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 6570-6	7.8	23
133	Green chromatography for the analysis of foods of animal origin. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 80, 517-530	14.6	23
132	The ways to the trace level analysis in infrared spectroscopy. <i>Analytical Methods</i> , <b>2011</b> , 3, 43-52	3.2	23
131	Determination of iprodione in agrochemicals by infrared and Raman spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 2887-94	4.4	23
130	Direct determination of Mancozeb by photoacoustic spectrometry. <i>Analytica Chimica Acta</i> , <b>2006</b> , 567, 255-261	6.6	22
129	Determination of cyromazine in pesticide commercial formulations by vibrational spectrometric procedures. <i>Analytica Chimica Acta</i> , <b>2004</b> , 524, 257-264	6.6	22
128	Indoor and outdoor determination of pesticides in air by ion mobility spectrometry. <i>Talanta</i> , <b>2016</b> , 161, 632-639	6.2	22
127	Passive exposure to nicotine from e-cigarettes. <i>Talanta</i> , <b>2016</b> , 152, 329-34	6.2	21
126	Recent developments in flow-analysis vibrational spectroscopy. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2007</b> , 26, 775-787	14.6	21
125	Fourier transform infrared spectrometric strategies for the determination of Buprofezin in pesticide formulations. <i>Analytica Chimica Acta</i> , <b>2002</b> , 468, 81-90	6.6	21
124	Attenuated Total Reflection-Fourier transform infrared analysis of the fermentation process of pineapple. <i>Analytica Chimica Acta</i> , <b>2005</b> , 545, 99-106	6.6	21
123	Flavonoid determination in onion, chili and leek by hard cap espresso extraction and liquid chromatography with diode array detection. <i>Microchemical Journal</i> , <b>2018</b> , 140, 74-79	4.8	20
122	Off-line coupling of multidimensional immunoaffinity chromatography and ion mobility spectrometry: A promising partnership. <i>Journal of Chromatography A</i> , <b>2015</b> , 1426, 110-7	4.5	20
121	Developing automated analytical methods for scientific environments using LabVIEW. <i>Talanta</i> , <b>2010</b> , 80, 1081-7	6.2	20
120	Near infrared determination of Diuron in pesticide formulations. <i>Analytica Chimica Acta</i> , <b>2005</b> , 543, 124-129	6.2	20
119	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> , <b>2019</b> , 205, 120158	6.2	19

118	Analysis of ecstasy in oral fluid by ion mobility spectrometry and infrared spectroscopy after liquid-liquid extraction. <i>Journal of Chromatography A</i> , <b>2015</b> , 1384, 1-8	4.5	19
117	Pros and cons of benzodiazepines screening in human saliva by ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 401, 1935-48	4.4	19
116	Headspace-liquid phase microextraction for attenuated total reflection infrared determination of volatile organic compounds at trace levels. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 3045-51	7.8	19
115	Multicommutation-NIR determination of Hexythiazox in pesticide formulations. <i>Talanta</i> , <b>2006</b> , 68, 1700-6.2		18
114	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> , <b>2018</b> , 1574, 91-100	4.5	18
113	Determination of the new psychoactive substance dichloropane in saliva by microextraction by packed sorbent - Ion mobility spectrometry. <i>Journal of Chromatography A</i> , <b>2019</b> , 1603, 61-66	4.5	17
112	Fourier transform infrared spectrometric determination of Malathion in pesticide formulations. <i>Analytica Chimica Acta</i> , <b>2004</b> , 502, 213-220	6.6	17
111	Green Analytical Chemistry: The Role of Green Extraction Techniques. <i>Comprehensive Analytical Chemistry</i> , <b>2017</b> , 76, 1-25	1.9	16
110	Comprehensive analysis of airborne pesticides using hard cap espresso extraction-liquid chromatography-high-resolution mass spectrometry. <i>Journal of Chromatography A</i> , <b>2017</b> , 1506, 27-36	4.5	16
109	Hard cap espresso extraction-stir bar preconcentration of polychlorinated biphenyls in soil and sediments. <i>Analytica Chimica Acta</i> , <b>2017</b> , 952, 41-49	6.6	16
108	Vibrational spectroscopy in soil and sediment analysis. <i>Trends in Environmental Analytical Chemistry</i> , <b>2014</b> , 2, 43-52	12	16
107	Towards an automatic lab-on-valve-ion mobility spectrometric system for detection of cocaine abuse. <i>Journal of Chromatography A</i> , <b>2017</b> , 1512, 43-50	4.5	16
106	Green Spectroscopy: A Scientometric Picture. <i>Spectroscopy Letters</i> , <b>2009</b> , 42, 277-283	1.1	16
105	Mid- and near-infrared determination of metribuzin in agrochemicals. <i>Vibrational Spectroscopy</i> , <b>2008</b> , 46, 82-88	2.1	16
104	Quality control of Metamitron in agrochemicals using Fourier transform infrared spectroscopy in the middle and near range. <i>Analytica Chimica Acta</i> , <b>2006</b> , 565, 255-260	6.6	16
103	Fast extraction of cannabinoids in marijuana samples by using hard-cap espresso machines. <i>Talanta</i> , <b>2018</b> , 190, 321-326	6.2	15
102	Dispersive magnetic immunoaffinity extraction. Anatoxin-a determination. <i>Journal of Chromatography A</i> , <b>2017</b> , 1529, 57-62	4.5	15
101	Determination of Mercury in Milk by Cold Vapor Atomic Fluorescence: A Green Analytical Chemistry Laboratory Experiment. <i>Journal of Chemical Education</i> , <b>2011</b> , 88, 488-491	2.4	15

100	Comparison of two vibrational procedures for the direct determination of mancozeb in agrochemicals. <i>Talanta</i> , <b>2007</b> , 72, 72-9	6.2	15
99	Fourier transform infrared determination of imidacloprid in pesticide formulations. <i>Journal of the Brazilian Chemical Society</i> , <b>2004</b> , 15, 307-312	1.5	15
98	Uptake and translocation monitoring of imidacloprid to chili and tomato plants by molecularly imprinting extraction - ion mobility spectrometry. <i>Microchemical Journal</i> , <b>2019</b> , 144, 195-202	4.8	15
97	Identification and determination of synthetic cannabinoids in herbal products by dry film attenuated total reflectance-infrared spectroscopy. <i>Talanta</i> , <b>2017</b> , 167, 344-351	6.2	14
96	Greening Sample Treatments. <i>Comprehensive Analytical Chemistry</i> , <b>2011</b> , 57, 87-120	1.9	14
95	Origins of Green Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , <b>2011</b> , 57, 1-23	1.9	14
94	Univariate near infrared methods for determination of pesticides in agrochemicals. <i>Analytica Chimica Acta</i> , <b>2006</b> , 579, 17-24	6.6	14
93	Development of a molecularly imprinted monolithic polymer disk for agitation-extraction of ecgonine methyl ester from environmental water. <i>Talanta</i> , <b>2019</b> , 199, 388-395	6.2	14
92	Hard cap espresso extraction and liquid chromatography determination of bioactive compounds in vegetables and spices. <i>Food Chemistry</i> , <b>2017</b> , 237, 75-82	8.5	13
91	Development of immunosorbents for the analysis of forchlorfenuron in fruit juices by ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 5961-5967	4.4	13
90	Ion mobility spectrometry evaluation of cocaine occupational exposure in forensic laboratories. <i>Talanta</i> , <b>2014</b> , 130, 251-8	6.2	13
89	Analysis of hazardous chemicals by stand alone drift tube ion mobility spectrometry: a review. <i>Analytical Methods</i> , <b>2020</b> , 12, 1163-1181	3.2	12
88	Ion mobility spectrometry: a valuable tool for kinetic studies in enzymology. <i>Analytica Chimica Acta</i> , <b>2011</b> , 685, 1-8	6.6	12
87	Determination at low ppm levels of dithiocarbamate residues in foodstuff by vapour phase-liquid phase microextraction-infrared spectroscopy. <i>Analytica Chimica Acta</i> , <b>2011</b> , 688, 191-6	6.6	12
86	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> , <b>2010</b> , 397, 297-308	4.4	12
85	Flow through FTIR sensor based on solid phase spectroscopy (SPS) on conventional octadecyl (C18) silica. <i>Vibrational Spectroscopy</i> , <b>2009</b> , 51, 60-64	2.1	11
84	FTIR approaches for diuron determination in commercial pesticide formulations. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 5842-7	5.7	11
83	Automated Fourier Transform near Infrared Determination of Buprofezin in Pesticide Formulations. <i>Journal of Near Infrared Spectroscopy</i> , <b>2005</b> , 13, 161-168	1.5	11

82	Selective determination of clenbuterol residues in urine by molecular imprinted polymer ion mobility spectrometry. <i>Microchemical Journal</i> , <b>2017</b> , 134, 62-67	4.8	10
81	A new approach to determine the homogeneity in hyperspectral imaging considering the particle size. <i>Analytica Chimica Acta</i> , <b>2013</b> , 787, 173-80	6.6	10
80	Noninvasive double confirmation of cocaine abuse. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 11382-90	7.8	10
79	Ion mobility spectrometry: a comprehensive and versatile tool for occupational pharmaceutical exposure assessment. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 4560-8	7.8	9
78	Determination of enzyme activity inhibition by FTIR spectroscopy on the example of fructose biphosphatase. <i>Analytical and Bioanalytical Chemistry</i> , <b>2009</b> , 394, 2137-44	4.4	9
77	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> , <b>2006</b> , 569, 238-243	6.6	9
76	Determination of 3,4-methylenedioxypropylamphetamine (MDPV) in oral and nasal fluids by ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 3265-73	4.4	9
75	The importance of incorporating a waste detoxification step in analytical methodologies. <i>Analytical Methods</i> , <b>2015</b> , 7, 5702-5706	3.2	8
74	Flow-through Fourier transform infrared sensor for total hydrocarbons determination in water. <i>Applied Spectroscopy</i> , <b>2009</b> , 63, 1015-21	3.1	8
73	A mid-infrared flow-through sensor for label-free monitoring of enzyme inhibition. <i>Applied Spectroscopy</i> , <b>2008</b> , 62, 1322-5	3.1	8
72	First-Derivative Fourier-Transform Infrared Determination of Oxadiazon in Commercial Herbicide Formulations. <i>Spectroscopy Letters</i> , <b>2008</b> , 41, 1-8	1.1	8
71	On-line vapor-phase generation combined with Fourier transform infrared spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2008</b> , 27, 15-23	14.6	8
70	Determination of Third-Generation Synthetic Cannabinoids in Oral Fluids. <i>Journal of Analytical Toxicology</i> , <b>2021</b> , 45, 331-336	2.9	8
69	Ion mobility spectrometry for monitoring diamine oxidase activity. <i>Analyst, The</i> , <b>2012</b> , 137, 5891-7	5	7
68	A Green Evaluation of Existing Analytical Methods. <i>Comprehensive Analytical Chemistry</i> , <b>2011</b> , 57, 39-57	1.9	7
67	Development and Evaluation of Paper-Based Devices for Iron(III) Determination in an Advanced Undergraduate Laboratory. <i>Journal of Chemical Education</i> , <b>2020</b> , 97, 3852-3857	2.4	7
66	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> , <b>2020</b> , 1610, 460573	4.5	7
65	Identification and characterization of the new psychoactive substance 3-fluoroamphetamine in seized material. <i>Forensic Toxicology</i> , <b>2018</b> , 36, 404-414	2.6	6

64	Preliminary results about the breath of passive smokers and vapers based on the use of portable air monitoring devices. <i>Microchemical Journal</i> , <b>2016</b> , 126, 454-459	4.8	6
63	Trace elemental composition of curry by inductively coupled plasma optical emission spectrometry (ICP-OES). <i>Food Additives and Contaminants: Part B Surveillance</i> , <b>2008</b> , 1, 114-21	3.3	6
62	Solid sampling Fourier transform infrared determination of Mancozeb in pesticide formulations. <i>Talanta</i> , <b>2005</b> , 65, 971-9	6.2	6
61	Sample preparation strategies for the determination of psychoactive substances in biological fluids. <i>Journal of Chromatography A</i> , <b>2020</b> , 1633, 461615	4.5	6
60	Smart materials for sample preparation in bioanalysis: A green overview. <i>Sustainable Chemistry and Pharmacy</i> , <b>2021</b> , 21, 100411	3.9	6
59	Green Solvents for Analytical Separation and Analyses <b>2010</b> ,		5
58	Optimization of transmission near infrared spectrometry procedures for quality control of pesticide formulations. <i>Analytica Chimica Acta</i> , <b>2006</b> , 571, 288-97	6.6	5
57	Pollutants and Air Pollution. <i>Comprehensive Analytical Chemistry</i> , <b>2016</b> , 73, 27-44	1.9	5
56	Detection of tetrahydrocannabinol residues on hands by ion-mobility spectrometry (IMS). Correlation of IMS data with saliva analysis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 5999-6008	4.4	4
55	The Basis of a Greener Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , <b>2011</b> , 57, 25-38	1.9	4
54	Downsizing the Methods. <i>Comprehensive Analytical Chemistry</i> , <b>2011</b> , 157-184	1.9	4
53	HPLC determination of oxadiazon in commercial pesticide formulations. <i>Journal of the Brazilian Chemical Society</i> , <b>2008</b> , 19, 1394-1398	1.5	4
52	Methylone determination in oral fluid using microextraction by packed sorbent coupled to ion mobility spectrometry. <i>Microchemical Journal</i> , <b>2020</b> , 153, 104504	4.8	4
51	Tuning the selectivity of molecularly imprinted polymer extraction of arylcyclohexylamines: From class-selective to specific. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1124, 94-103	6.6	3
50	Analytical Approaches for the Evaluation of Food Protected Designation of Origin <b>2016</b> , 275-301		3
49	Implementing the contamination prevention programs in the pesticide industry by infrared spectroscopy. <i>Talanta</i> , <b>2014</b> , 119, 312-9	6.2	3
48	Ion mobility spectrometry as a fast analytical tool in benzalkonium chloride homologs determination. <i>Talanta</i> , <b>2017</b> , 164, 110-115	6.2	3
47	Ion mobility spectrometry as a high-throughput analytical tool in occupational pyrethroid exposure. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 404, 635-48	4.4	3



46	Hydrodistillation-liquid-phase microextraction for infrared analysis of food. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 398, 1467-76	4.4	3
45	Quality Control of Agrochemical Formulations by Diffuse Reflectance near Infrared Spectrometry. <i>Journal of Near Infrared Spectroscopy</i> , <b>2008</b> , 16, 129-137	1.5	3
44	Analysis of drugs including illicit and new psychoactive substances in oral fluids by gas chromatography-drift tube ion mobility spectrometry. <i>Talanta</i> , <b>2022</b> , 238, 122966	6.2	3
43	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> , <b>2021</b> , 1167, 338604	6.6	3
42	In situ derivatization for double confirmation of 2C <sub>1</sub> in oral fluids by ion mobility spectrometry. <i>Analytical Methods</i> , <b>2017</b> , 9, 2682-2688	3.2	2
41	Carbon-Based Nanomaterials in Analytical Chemistry <b>2019</b> , 345-374		2
40	Spray nebulization for sample introduction in ion mobility spectrometry. <i>Analytica Chimica Acta</i> , <b>2013</b> , 769, 91-9	6.6	2
39	Ion mobility spectrometry for the simultaneous determination of diacetyl midecamycin and detergents in cleaning validation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 83, 265-72	3.5	2
38	Determination of Olive Oil Parameters by Near Infrared Spectrometry <b>2010</b> , 533-544		2
37	Quantitative Vibrational Spectrometry in the 21st Century: A Scientometric Evaluation. <i>Spectroscopy Letters</i> , <b>2005</b> , 38, 665-675	1.1	2
36	Vibrational Spectrometry Strategies for Quality Control of Procymidone in Pesticide Formulations. <i>Spectroscopy Letters</i> , <b>2005</b> , 38, 703-720	1.1	2
35	An Infrared Method, with Reduced Solvent Consumption, for the Determination of Chlorsulfuron in Pesticide Formulations. <i>Spectroscopy Letters</i> , <b>2003</b> , 36, 515-529	1.1	2
34	Molecularly imprinted polymer-based device for field collection of oral fluid samples for cocaine identification. <i>Journal of Chromatography A</i> , <b>2020</b> , 1633, 461629	4.5	2
33	Development of a simulation chamber for the evaluation of dermal absorption of volatile organic compounds. <i>Atmospheric Pollution Research</i> , <b>2020</b> , 11, 1009-1017	4.5	1
32	Green near-infrared determination of copper and mancozeb in pesticide formulations. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 1259-68	4.4	1
31	Green Analytical Chemistry <b>2018</b> ,		1
30	Avoiding Sample Treatments. <i>Comprehensive Analytical Chemistry</i> , <b>2011</b> , 57, 59-86	1.9	1
29	Multianalyte Determination Versus One-at-a-Time Methodologies. <i>Comprehensive Analytical Chemistry</i> , <b>2011</b> , 121-156	1.9	1

28	Practical Consequences of Green Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , <b>2011</b> , 57, 219-232	1.9	1
27	Towards minimization of chlorinated solvents consume in Fourier transform infrared spectroscopy determination of Propamocarb in pesticide formulations. <i>Talanta</i> , <b>2008</b> , 75, 339-43	6.2	1
26	Simultaneous determination of third-generation synthetic cannabinoids in oral fluids using cyclodextrin-silica porous sorbents. <i>Microchemical Journal</i> , <b>2022</b> , 172, 106915	4.8	1
25	Environmental applications (air) <b>2020</b> , 647-671		1
24	Pesticide Industries Air Quality. <i>Comprehensive Analytical Chemistry</i> , <b>2016</b> , 73, 655-682	1.9	1
23	Challenges in Green Analytical Chemistry <b>2016</b> , 1-9		1
22	Green Analytical Chemistry <b>2021</b> , 483-493		1
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