

# Salvador Garrigues

## List of Publications by Year in descending order

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226  
papers

7,253  
citations

81900

39  
h-index

98798

67  
g-index

290  
all docs

290  
docs citations

290  
times ranked

6509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of phenolic acids by partial least squares Fourier transform infrared (PLS-FTIR) in extracts of medicinal plants. <i>Phytochemical Analysis</i> , 2021, 32, 206-221.	2.4	9
2	<i>Green Analytical Chemistry</i> , 2021, , 483-493.		2
3	Smart materials for sample preparation in bioanalysis: A green overview. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100411.	3.3	17
4	Date-rape evidence through fast determination of $\beta$ -butyrolactone in adulterated beverages. <i>Talanta</i> , 2021, 232, 122387.	5.5	7
5	An innovative multi-analytical approach based on spectroscopic and electrochemical techniques to study a complex Roman amphorae collection. <i>Applied Clay Science</i> , 2020, 198, 105857.	5.2	6
6	Portability in analytical chemistry: a green and democratic way for sustainability. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2019, 19, 94-98.	5.9	33
7	Smart Sorption Materials in Green Analytical Chemistry. <i>Green Chemistry and Sustainable Technology</i> , 2019, , 167-202.	0.7	3
8	Greening the wastes. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2019, 19, 24-29.	5.9	6
9	Green extraction techniques in green analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 248-253.	11.4	167
10	Variable selection for the determination of total polar materials in fried oils by near infrared spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2019, 27, 107-114.	1.5	3
11	Analytical Research Based on the Use of Low Cost Instrumentation. <i>Pharmaceutical Sciences</i> , 2019, 25, 82-84.	0.2	9
12	Essential oil counterfeit identification through middle infrared spectroscopy. <i>Microchemical Journal</i> , 2018, 139, 347-356.	4.5	25
13	Determination of fatty acids and lipid classes in salmon oil by near infrared spectroscopy. <i>Food Chemistry</i> , 2018, 239, 865-871.	8.2	37
14	Eucalyptol-based green extraction of brown alga <i>Zonaria tournefortii</i> . <i>Sustainable Chemistry and Pharmacy</i> , 2018, 10, 97-102.	3.3	13
15	<i>Green Analytical Chemistry</i> , 2018, , .		8
16	Preliminary results on direct quantitative determination of cocaine in impregnated materials by infrared spectroscopy. <i>Microchemical Journal</i> , 2018, 143, 110-117.	4.5	7
17	Fast authentication of tea tree oil through spectroscopy. <i>Talanta</i> , 2018, 189, 404-410.	5.5	21
18	Prediction of organic carbon and total nitrogen contents in organic wastes and their composts by Infrared spectroscopy and partial least square regression. <i>Talanta</i> , 2017, 167, 352-358.	5.5	27

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19	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
20	A green analytical chemistry approach for lipid extraction: computation methods in the selection of green solvents as alternative to hexane. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3527-3539.	3.7	64
21	Green Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , 2017, 76, 1-25.	1.3	19
22	Burned bones forensic investigations employing near infrared spectroscopy. <i>Vibrational Spectroscopy</i> , 2017, 90, 21-30.	2.2	22
23	Comparison of near and mid infrared spectroscopy as green analytical tools for the determination of total polar materials in fried oils. <i>Microchemical Journal</i> , 2017, 135, 55-59.	4.5	21
24	Fourier transform infrared analysis of commercial formulations for Varroa treatment. <i>Analytical Methods</i> , 2017, 9, 6574-6582.	2.7	2
25	Prediction of alkaline earth elements in bone remains by near infrared spectroscopy. <i>Talanta</i> , 2017, 162, 428-434.	5.5	9
26	Determination of 3,4-methylenedioxypropylamphetamine (MDPV) in oral and nasal fluids by ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3265-3273.	3.7	9
27	Determination of total phenolic compounds in compost by infrared spectroscopy. <i>Talanta</i> , 2016, 153, 360-365.	5.5	38
28	Green direct determination of mineral elements in artichokes by infrared spectroscopy and X-ray fluorescence. <i>Food Chemistry</i> , 2016, 196, 1023-1030.	8.2	28
29	Authentication of protected designation of origin artichokes by spectroscopy methods. <i>Food Control</i> , 2016, 59, 74-81.	5.5	18
30	Near Infrared Spectroscopy Detection and Quantification of Herbal Medicines Adulterated with Sibutramine. <i>Journal of Forensic Sciences</i> , 2015, 60, 1199-1205.	1.6	14
31	The role of green extraction techniques in Green Analytical Chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 2-8.	11.4	255
32	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
33	Direct determination of major components in human diets and baby foods. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1961-1972.	3.7	3
34	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
35	Determination of lidocaine in urine at low ppm levels using dispersive microextraction and attenuated total reflectance-Fourier transform infrared measurements of dry films. <i>Microchemical Journal</i> , 2015, 121, 178-183.	4.5	11
36	Assessment of the statistical significance of classifications in infrared spectroscopy based diagnostic models. <i>Analyst</i> , 2015, 140, 2422-2427.	3.5	19

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37	Detection and characterization of emerging psychoactive substances by ion mobility spectrometry. <i>Drug Testing and Analysis</i> , 2015, 7, 280-289.	2.6	37
38	Determination of the Mineral Composition of Foods by Infrared Spectroscopy: A Review of a Green Alternative. <i>Critical Reviews in Analytical Chemistry</i> , 2014, 44, 186-197.	3.5	27
39	A green method for the determination of cocaine in illicit samples. <i>Forensic Science International</i> , 2014, 237, 70-77.	2.2	26
40	Chemometric determination of lipidic parameters in serum using ATR measurements of dry films of solvent extracts. <i>Analyst, The</i> , 2014, 139, 170-178.	3.5	18
41	Classification of persimmon fruit origin by near infrared spectrometry and least squares-support vector machines. <i>Journal of Food Engineering</i> , 2014, 142, 17-22.	5.2	35
42	Analytical methods for clinical diagnostics. <i>Analytical Methods</i> , 2014, 6, 3889.	2.7	0
43	Determination of biochemical parameters in human serum by near-infrared spectroscopy. <i>Analytical Methods</i> , 2014, 6, 3982.	2.7	14
44	Towards the determination of isoprene in human breath using substrate-integrated hollow waveguide mid-infrared sensors. <i>Journal of Breath Research</i> , 2014, 8, 026003.	3.0	43
45	Direct determination of minerals in human diets by infrared spectroscopy and X-ray fluorescence. <i>Microchemical Journal</i> , 2014, 117, 156-163.	4.5	12
46	Infrared-based quantification of clinical parameters. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 62, 93-105.	11.4	48
47	The social responsibility of environmental analysis. <i>Trends in Environmental Analytical Chemistry</i> , 2014, 3-4, 7-13.	10.3	19
48	Evaluation of infrared spectroscopy as a screening tool for serum analysis. <i>Microchemical Journal</i> , 2013, 106, 202-211.	4.5	34
49	Non-invasive analysis of solid samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 43, 161-173.	11.4	38
50	Modified locally weightedâ€”Partial least squares regression improving clinical predictions from infrared spectra of human serum samples. <i>Talanta</i> , 2013, 107, 368-375.	5.5	30
51	Vibrational Spectroscopy. <i>Comprehensive Analytical Chemistry</i> , 2013, 60, 101-122.	1.3	6
52	Novel approach for the determination of azithromycin in pharmaceutical formulations by Fourier transform infrared spectroscopy in film-through transmission mode. <i>Microchemical Journal</i> , 2013, 110, 301-307.	4.5	19
53	Atmospheric Compensation in Fourier Transform Infrared (FT-IR) Spectra of Clinical Samples. <i>Applied Spectroscopy</i> , 2013, 67, 1339-1342.	2.2	11
54	Direct Analysis of Samples. , 2012, , 85-102.		0

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55	Partial least squares attenuated total reflectance IR spectroscopy versus chromatography: the greener method. <i>Bioanalysis</i> , 2012, 4, 1267-1269.	1.5	9
56	An infrared spectroscopic tool for process monitoring: Sugar contents during the production of a depilatory formulation. <i>Talanta</i> , 2012, 99, 660-667.	5.5	7
57	Protein determination in serum and whole blood by attenuated total reflectance infrared spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 649-656.	3.7	50
58	Direct determination of polymerised triacylglycerides in deep-frying vegetable oil by near infrared spectroscopy using Partial Least Squares regression. <i>Food Chemistry</i> , 2012, 131, 353-359.	8.2	33
59	The ways to the trace level analysis in infrared spectroscopy. <i>Analytical Methods</i> , 2011, 3, 43-52.	2.7	28
60	Science based calibration for the extraction of $\hat{c}$ -analyte-specific $\hat{c}$ ™ HPLC-DAD chromatograms in environmental analysis. <i>Talanta</i> , 2011, 83, 1158-1165.	5.5	5
61	Determination of sugars in depilatory formulations: A green analytical method employing infrared detection and partial least squares regression. <i>Talanta</i> , 2011, 85, 1721-1729.	5.5	15
62	An Ethical Commitment and an Economic Opportunity. <i>RSC Green Chemistry</i> , 2011, , 1-12.	0.1	1
63	Sample classification for improved performance of PLS models applied to the quality control of deep-frying oils of different botanic origins analyzed using ATR-FTIR spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1305-1314.	3.7	19
64	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
65	CHAPTER 2. Direct Determination Methods Without Sample Preparation. <i>RSC Green Chemistry</i> , 2011, , 13-43.	0.1	1
66	Monitoring of Polymerized Triglycerides in Deep-Frying Oil by On-Line GPC-FTIR Spectrometry Using the Science Based Calibration Multivariate Approach. <i>Chromatographia</i> , 2010, 71, 201-209.	1.3	14
67	Direct determination of polymerized triglycerides in deep-frying olive oil by attenuated total reflectance $\hat{c}$ Fourier transform infrared spectroscopy using partial least squares regression. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 861-869.	3.7	16
68	Hydrodistillation $\hat{c}$ liquid-phase microextraction for infrared analysis of food. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1467-1476.	3.7	4
69	Vibrational spectroscopy provides a green tool for multi-component analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 578-591.	11.4	221
70	Recent advances in on-line liquid chromatography - infrared spectrometry (LC-IR). <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 544-552.	11.4	27
71	Green strategies for decontamination of analytical wastes. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 592-601.	11.4	59
72	Cubic smoothing splines background correction in on-line liquid chromatography $\hat{c}$ Fourier transform infrared spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 6733-6741.	3.7	12

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73	Estuarine sediment quality assessment by Fourier-transform infrared spectroscopy. <i>Vibrational Spectroscopy</i> , 2010, 53, 204-213.	2.2	18
74	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
75	Determination of Olive Oil Parameters by Near Infrared Spectrometry. , 2010, , 533-544.		3
76	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
77	Application of point-to-point matching algorithms for background correction in on-line liquid chromatographyâ€“Fourier transform infrared spectrometry (LCâ€“FTIR). <i>Talanta</i> , 2010, 80, 1771-1776.	5.5	15
78	Partial least squares X-ray fluorescence determination of trace elements in sediments from the estuary of Nerbioi-Ibaizabal River. <i>Talanta</i> , 2010, 82, 1254-1260.	5.5	27
79	Chemometric extraction of analyteâ€“specific chromatograms in onâ€“line gradient LCâ€“infrared spectrometry. <i>Journal of Separation Science</i> , 2009, 32, 4089-4095.	2.5	13
80	Artificial neural network for quantitative determination of total protein in yogurt by infrared spectrometry. <i>Microchemical Journal</i> , 2009, 91, 47-52.	4.5	46
81	New background correction approach based on polynomial regressions for on-line liquid chromatographyâ€“Fourier transform infrared spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 3122-3130.	3.7	26
82	Preliminary studies about thermal degradation of edible oils through attenuated total reflectance mid-infrared spectrometry. <i>Food Chemistry</i> , 2009, 114, 1529-1536.	8.2	56
83	Use of Reflectance Infrared Spectroscopy for Monitoring the Metal Content of the Estuarine Sediments of the Nerbioi-Ibaizabal River (Metropolitan Bilbao, Bay of Biscay, Basque Country). <i>Environmental Science &amp; Technology</i> , 2009, 43, 9314-9320.	10.0	80
84	Testing of the Region of Murcia soils by near infrared diffuse reflectance spectrometry and chemometrics. <i>Talanta</i> , 2009, 78, 388-398.	5.5	39
85	Methods for the Vibrational Spectroscopy Analysis of Beers. , 2009, , 943-961.		2
86	Determination of total sterols in brown algae by Fourier transform infrared spectrometry. <i>Analytica Chimica Acta</i> , 2008, 616, 185-189.	5.4	37
87	Characterization of estuarine sediments by near infrared diffuse reflectance spectrometry. <i>Analytica Chimica Acta</i> , 2008, 624, 113-127.	5.4	29
88	New cut-off criterion for uninformative variable elimination in multivariate calibration of near-infrared spectra for the determination of heroin in illicit street drugs. <i>Analytica Chimica Acta</i> , 2008, 630, 150-160.	5.4	31
89	Screening of humic and fulvic acids in estuarine sediments by near-infrared spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 541-549.	3.7	11
90	Determination of glycolic acid in cosmetics by online liquid chromatographyâ€“Fourier transform infrared spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 1383-1389.	3.7	12

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91	Chemometric determination of arsenic and lead in untreated powdered red paprika by diffuse reflectance near-infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2008, 613, 196-206.	5.4	54
92	Determination of critical eluent composition for polyethyleneglycols using on-line liquid chromatographyâ€”Fourier transform infrared spectrometry. <i>Analytica Chimica Acta</i> , 2008, 624, 278-285.	5.4	17
93	Univariate method for background correction in liquid chromatographyâ€”Fourier transform infrared spectrometry. <i>Journal of Chromatography A</i> , 2008, 1190, 102-109.	3.7	25
94	Mid- and near-infrared determination of metribuzin in agrochemicals. <i>Vibrational Spectroscopy</i> , 2008, 46, 82-88.	2.2	21
95	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
96	Green Analytical Chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 497-511.	11.4	789
97	On-line gel permeation chromatographyâ€”attenuated total reflectanceâ€”Fourier transform infrared determination of lecithin and soybean oil in dietary supplements. <i>Journal of Chromatography A</i> , 2008, 1185, 71-77.	3.7	35
98	Nondestructive Direct Determination of Heroin in Seized Illicit Street Drugs by Diffuse Reflectance near-Infrared Spectroscopy. <i>Analytical Chemistry</i> , 2008, 80, 7257-7265.	6.5	51
99	Determination of vinegar acidity by attenuated total reflectance infrared measurements through the use of second-order absorbance-pH matrices and parallel factor analysis. <i>Talanta</i> , 2008, 74, 632-641.	5.5	25
100	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
101	Determination of lecithin and soybean oil in dietary supplements using partial least squaresâ€”Fourier transform infrared spectroscopy. <i>Talanta</i> , 2008, 77, 229-234.	5.5	31
102	On-line gradient liquid chromatographyâ€”Fourier transform infrared spectrometry determination of sugars in beverages using chemometric background correction. <i>Talanta</i> , 2008, 77, 779-785.	5.5	20
103	Firstâ€”Derivative Fourierâ€”Transform Infrared Determination of Oxadiazon in Commercial Herbicide Formulations. <i>Spectroscopy Letters</i> , 2008, 41, 1-8.	1.0	8
104	Vibrational Spectrometry. <i>Comprehensive Analytical Chemistry</i> , 2008, 54, 407-440.	1.3	0
105	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
106	HPLC determination of oxadiazon in commercial pesticide formulations. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1394-1398.	0.6	6
107	Comparison of two vibrational procedures for the direct determination of mancozeb in agrochemicals. <i>Talanta</i> , 2007, 72, 72-79.	5.5	16
108	Research on Spectroscopy in Morocco from 1984 to 2006. <i>Spectroscopy Letters</i> , 2007, 40, 681-693.	1.0	0

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109	Partial least squares-near infrared determination of pesticides in commercial formulations. <i>Vibrational Spectroscopy</i> , 2007, 44, 273-278.	2.2	31
110	Recent developments in flow-analysis vibrational spectroscopy. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 775-787.	11.4	24
111	Comparison of two partial least squares infrared spectrometric methods for the quality control of pediculosis lotions. <i>Analytica Chimica Acta</i> , 2007, 582, 174-180.	5.4	5
112	Near-infrared diffuse reflectance spectroscopy and neural networks for measuring nutritional parameters in chocolate samples. <i>Analytica Chimica Acta</i> , 2007, 584, 215-222.	5.4	48
113	Headspace <sup>®</sup> 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
114	Evaluation of nutritional parameters in infant formulas and powdered milk by Raman spectroscopy. <i>Analytica Chimica Acta</i> , 2007, 593, 30-38.	5.4	73
115	Monitoring of the smoking process by multicommutation Fourier Transform Infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2007, 593, 39-45.	5.4	5
116	Determination of edible oil parameters by near infrared spectrometry. <i>Analytica Chimica Acta</i> , 2007, 596, 330-337.	5.4	149
117	Quality control Fourier transform infrared determination of diazepam in pharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1277-1282.	2.8	19
118	Separation of motor oils, oily wastes and hydrocarbons from contaminated water by sorption on chrome shavings. <i>Journal of Hazardous Materials</i> , 2007, 145, 148-153.	12.4	59
119	Determination of iprodione in agrochemicals by infrared and Raman spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2887-2894.	3.7	27
120	Determination of nitrogen in hydrolyzed protein formulations by continuous vapour phase FTIR. <i>Talanta</i> , 2006, 68, 836-841.	5.5	6
121	FTIR-determination of sterols from the red alga <i>Asparagopsis armata</i> : Comparative studies with HPLC. <i>Talanta</i> , 2006, 68, 1230-1235.	5.5	17
122	Multicommutation-NIR determination of Hexythiazox in pesticide formulations. <i>Talanta</i> , 2006, 68, 1700-1706.	5.5	20
123	Determination of quality parameters of beers by the use of attenuated total reflectance-Fourier transform infrared spectroscopy. <i>Talanta</i> , 2006, 69, 469-480.	5.5	44
124	Attenuated total reflectance infrared determination of sodium nitrilotriacetate in alkaline liquid detergents. <i>Talanta</i> , 2006, 70, 870-875.	5.5	4
125	On-line sample treatment and FT-IR determination of doxylamine succinate in pharmaceuticals. <i>Talanta</i> , 2006, 70, 1100-1106.	5.5	9
126	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



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127	Direct determination of Mancozeb by photoacoustic spectrometry. <i>Analytica Chimica Acta</i> , 2006, 567, 255-261.	5.4	31
128	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
129	Combination of mid- and near-infrared spectroscopy for the determination of the quality properties of beers. <i>Analytica Chimica Acta</i> , 2006, 571, 167-174.	5.4	76
130	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
131	Univariate near infrared methods for determination of pesticides in agrochemicals. <i>Analytica Chimica Acta</i> , 2006, 579, 17-24.	5.4	15
132	Seafood freshness determination through vapour phase Fourier transform infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2006, 580, 216-222.	5.4	29
133	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
134	Evaluation of the application of attenuated total reflectance-Fourier transform infrared spectrometry (ATR-FTIR) and chemometrics to the determination of nutritional parameters of yogurt samples. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 708-715.	3.7	49
135	Partial least-squares near-infrared determination of hydrocarbons removed from polluted waters by using tanned solid wastes. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 766-770.	3.7	7
136	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
137	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
138	Determination of the energetic value of fruit and milk-based beverages through partial-least-squares attenuated total reflectance-Fourier transform infrared spectrometry. <i>Analytica Chimica Acta</i> , 2005, 538, 181-193.	5.4	49
139	Near infrared determination of Diuron in pesticide formulations. <i>Analytica Chimica Acta</i> , 2005, 543, 124-129.	5.4	23
140	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
141	Solid-phase FT-Raman determination of caffeine in energy drinks. <i>Analytica Chimica Acta</i> , 2005, 547, 197-203.	5.4	62
142	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
143	Development of a PLS based method for determination of the quality of beers by use of NIR: spectral ranges and sample-introduction considerations. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 1549-1561.	3.7	53
144	Quantitative Vibrational Spectrometry in the 21st Century: A Scientometric Evaluation. <i>Spectroscopy Letters</i> , 2005, 38, 665-675.	1.0	2

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145	Solid sampling Fourier transform infrared determination of Mancozeb in pesticide formulations. <i>Talanta</i> , 2005, 65, 971-979.	5.5	11
146	A validated and fast procedure for FTIR determination of Cypermethrin and Chlorpyrifos. <i>Talanta</i> , 2005, 67, 634-639.	5.5	39
147	Vibrational Spectrometry Strategies for Quality Control of Procymidone in Pesticide Formulations. <i>Spectroscopy Letters</i> , 2005, 38, 703-720.	1.0	2
148	FTIR Approaches for Diuron Determination in Commercial Pesticide Formulations. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 5842-5847.	5.2	17
149	Fourier transform infrared determination of imidacloprid in pesticide formulations. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 307-312.	0.6	26
150	FT-Raman determination of Mepiquat chloride in agrochemical products. <i>Vibrational Spectroscopy</i> , 2004, 36, 41-46.	2.2	12
151	Liquid-liquid equilibria in the system $H_3PO_4$ - $KCl$ - $H_2O$ -tri-n-butyl phosphate: experiments and modelling. <i>Fluid Phase Equilibria</i> , 2004, 224, 39-46.	2.5	13
152	Multicommutation ATR-FTIR: determination of sodium alpha-olefin sulfonate in detergent formulations. <i>Microchemical Journal</i> , 2004, 78, 47-54.	4.5	13
153	Fourier transform infrared spectrometric determination of Malathion in pesticide formulations. <i>Analytica Chimica Acta</i> , 2004, 502, 213-220.	5.4	25
154	Multicommutation Fourier transform infrared determination of benzene in gasoline. <i>Analytica Chimica Acta</i> , 2004, 512, 215-221.	5.4	22
155	Determination of cyromazine in pesticide commercial formulations by vibrational spectrometric procedures. <i>Analytica Chimica Acta</i> , 2004, 524, 257-264.	5.4	25
156	Nutritional parameters of commercially available milk samples by FTIR and chemometric techniques. <i>Analytica Chimica Acta</i> , 2004, 513, 401-412.	5.4	86
157	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
158	FTIR Determination of Aspartame and Acesulfame-K in Tabletop Sweeteners. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 7798-7803.	5.2	46
159	FT-Raman spectrometry determination of Malathion in pesticide formulations. <i>Talanta</i> , 2004, 63, 345-350.	5.5	30
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