

Salvador Garrigues

List of Publications by Year in descending order

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226
papers

7,253
citations

81839
39
h-index

98753
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.	1.2	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.	1.6	17
4	Date-rape evidence through fast determination of β -butyrolactone in adulterated beverages. <i>Talanta</i> , 2021, 232, 122387.	2.9	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.	2.6	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.	3.2	33
7	Smart Sorption Materials in Green Analytical Chemistry. <i>Green Chemistry and Sustainable Technology</i> , 2019, , 167-202.	0.4	3
8	Greening the wastes. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2019, 19, 24-29.	3.2	6
9	Green extraction techniques in green analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 248-253.	5.8	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.	0.8	3
11	Analytical Research Based on the Use of Low Cost Instrumentation. <i>Pharmaceutical Sciences</i> , 2019, 25, 82-84.	0.1	9
12	Essential oil counterfeit identification through middle infrared spectroscopy. <i>Microchemical Journal</i> , 2018, 139, 347-356.	2.3	25
13	Determination of fatty acids and lipid classes in salmon oil by near infrared spectroscopy. <i>Food Chemistry</i> , 2018, 239, 865-871.	4.2	37
14	Eucalyptol-based green extraction of brown alga <i>Zonaria tournefortii</i> . <i>Sustainable Chemistry and Pharmacy</i> , 2018, 10, 97-102.	1.6	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.	2.3	7
17	Fast authentication of tea tree oil through spectroscopy. <i>Talanta</i> , 2018, 189, 404-410.	2.9	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.	2.9	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.	2.9	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.	1.9	64
21	Green Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , 2017, 76, 1-25.	0.7	19
22	Burned bones forensic investigations employing near infrared spectroscopy. <i>Vibrational Spectroscopy</i> , 2017, 90, 21-30.	1.2	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.	2.3	21
24	Fourier transform infrared analysis of commercial formulations for Varroa treatment. <i>Analytical Methods</i> , 2017, 9, 6574-6582.	1.3	2
25	Prediction of alkaline earth elements in bone remains by near infrared spectroscopy. <i>Talanta</i> , 2017, 162, 428-434.	2.9	9
26	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.	1.9	9
27	Determination of total phenolic compounds in compost by infrared spectroscopy. <i>Talanta</i> , 2016, 153, 360-365.	2.9	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.	4.2	28
29	Authentication of protected designation of origin artichokes by spectroscopy methods. <i>Food Control</i> , 2016, 59, 74-81.	2.8	18
30	Near Infrared Spectroscopy Detection and Quantification of Herbal Medicines Adulterated with Sibutramine. <i>Journal of Forensic Sciences</i> , 2015, 60, 1199-1205.	0.9	14
31	The role of green extraction techniques in Green Analytical Chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 2-8.	5.8	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.	1.8	23
33	Direct determination of major components in human diets and baby foods. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1961-1972.	1.9	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.	1.9	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.	2.3	11
36	Assessment of the statistical significance of classifications in infrared spectroscopy based diagnostic models. <i>Analyst</i> , 2015, 140, 2422-2427.	1.7	19

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37	Detection and characterization of emerging psychoactive substances by ion mobility spectrometry. Drug Testing and Analysis, 2015, 7, 280-289.	1.6	37
38	Determination of the Mineral Composition of Foods by Infrared Spectroscopy: A Review of a Green Alternative. Critical Reviews in Analytical Chemistry, 2014, 44, 186-197.	1.8	27
39	A green method for the determination of cocaine in illicit samples. Forensic Science International, 2014, 237, 70-77.	1.3	26
40	Chemometric determination of lipidic parameters in serum using ATR measurements of dry films of solvent extracts. Analyst, The, 2014, 139, 170-178.	1.7	18
41	Classification of persimmon fruit origin by near infrared spectrometry and least squares-support vector machines. Journal of Food Engineering, 2014, 142, 17-22.	2.7	35
42	Analytical methods for clinical diagnostics. Analytical Methods, 2014, 6, 3889.	1.3	0
43	Determination of biochemical parameters in human serum by near-infrared spectroscopy. Analytical Methods, 2014, 6, 3982.	1.3	14
44	Towards the determination of isoprene in human breath using substrate-integrated hollow waveguide mid-infrared sensors. Journal of Breath Research, 2014, 8, 026003.	1.5	43
45	Direct determination of minerals in human diets by infrared spectroscopy and X-ray fluorescence. Microchemical Journal, 2014, 117, 156-163.	2.3	12
46	Infrared-based quantification of clinical parameters. TrAC - Trends in Analytical Chemistry, 2014, 62, 93-105.	5.8	48
47	The social responsibility of environmental analysis. Trends in Environmental Analytical Chemistry, 2014, 3-4, 7-13.	5.3	19
48	Evaluation of infrared spectroscopy as a screening tool for serum analysis. Microchemical Journal, 2013, 106, 202-211.	2.3	34
49	Non-invasive analysis of solid samples. TrAC - Trends in Analytical Chemistry, 2013, 43, 161-173.	5.8	38
50	Modified locally weightedâ€”Partial least squares regression improving clinical predictions from infrared spectra of human serum samples. Talanta, 2013, 107, 368-375.	2.9	30
51	Vibrational Spectroscopy. Comprehensive Analytical Chemistry, 2013, 60, 101-122.	0.7	6
52	Novel approach for the determination of azithromycin in pharmaceutical formulations by Fourier transform infrared spectroscopy in film-through transmission mode. Microchemical Journal, 2013, 110, 301-307.	2.3	19
53	Atmospheric Compensation in Fourier Transform Infrared (FT-IR) Spectra of Clinical Samples. Applied Spectroscopy, 2013, 67, 1339-1342.	1.2	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.	0.6	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.	2.9	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.	1.9	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.	4.2	33
59	The ways to the trace level analysis in infrared spectroscopy. <i>Analytical Methods</i> , 2011, 3, 43-52.	1.3	28
60	Science based calibration for the extraction of "analyte-specific"™ HPLC-DAD chromatograms in environmental analysis. <i>Talanta</i> , 2011, 83, 1158-1165.	2.9	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.	2.9	15
62	An Ethical Commitment and an Economic Opportunity. <i>RSC Green Chemistry</i> , 2011, , 1-12.	0.0	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.	1.9	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.	2.6	15
65	CHAPTER 2. Direct Determination Methods Without Sample Preparation. <i>RSC Green Chemistry</i> , 2011, , 13-43.	0.0	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.	0.7	14
67	Direct determination of polymerized triglycerides in deep-frying olive oil by attenuated total reflectance "Fourier transform infrared spectroscopy using partial least squares regression. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 861-869.	1.9	16
68	Hydrodistillation "liquid-phase microextraction for infrared analysis of food. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1467-1476.	1.9	4
69	Vibrational spectroscopy provides a green tool for multi-component analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 578-591.	5.8	221
70	Recent advances in on-line liquid chromatography - infrared spectrometry (LC-IR). <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 544-552.	5.8	27
71	Green strategies for decontamination of analytical wastes. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 592-601.	5.8	59
72	Cubic smoothing splines background correction in on-line liquid chromatography "Fourier transform infrared spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 6733-6741.	1.8	12

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73	Estuarine sediment quality assessment by Fourier-transform infrared spectroscopy. Vibrational Spectroscopy, 2010, 53, 204-213.	1.2	18
74	The Use of Near-Infrared Spectrometry in the Olive Oil Industry. Critical Reviews in Food Science and Nutrition, 2010, 50, 567-582.	5.4	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. Analytical Chemistry, 2010, 82, 3045-3051.	3.2	21
77	Application of point-to-point matching algorithms for background correction in on-line liquid chromatographyâ€“Fourier transform infrared spectrometry (LCâ€“FTIR). Talanta, 2010, 80, 1771-1776.	2.9	15
78	Partial least squares X-ray fluorescence determination of trace elements in sediments from the estuary of Nerbioi-Ibaizabal River. Talanta, 2010, 82, 1254-1260.	2.9	27
79	Chemometric extraction of analyteâ€“specific chromatograms in onâ€“line gradient LCâ€“infrared spectrometry. Journal of Separation Science, 2009, 32, 4089-4095.	1.3	13
80	Artificial neural network for quantitative determination of total protein in yogurt by infrared spectrometry. Microchemical Journal, 2009, 91, 47-52.	2.3	46
81	New background correction approach based on polynomial regressions for on-line liquid chromatographyâ€“Fourier transform infrared spectrometry. Journal of Chromatography A, 2009, 1216, 3122-3130.	1.8	26
82	Preliminary studies about thermal degradation of edible oils through attenuated total reflectance mid-infrared spectrometry. Food Chemistry, 2009, 114, 1529-1536.	4.2	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). Environmental Science & Technology, 2009, 43, 9314-9320.	4.6	80
84	Testing of the Region of Murcia soils by near infrared diffuse reflectance spectroscopy and chemometrics. Talanta, 2009, 78, 388-398.	2.9	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 spectroscopy. Analytica Chimica Acta, 2008, 616, 185-189.	2.6	37
87	Characterization of estuarine sediments by near infrared diffuse reflectance spectroscopy. Analytica Chimica Acta, 2008, 624, 113-127.	2.6	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. Analytica Chimica Acta, 2008, 630, 150-160.	2.6	31
89	Screening of humic and fulvic acids in estuarine sediments by near-infrared spectrometry. Analytical and Bioanalytical Chemistry, 2008, 392, 541-549.	1.9	11
90	Determination of glycolic acid in cosmetics by online liquid chromatographyâ€“Fourier transform infrared spectrometry. Analytical and Bioanalytical Chemistry, 2008, 392, 1383-1389.	1.9	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.	2.6	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.	2.6	17
93	Univariate method for background correction in liquid chromatographyâ€”Fourier transform infrared spectrometry. <i>Journal of Chromatography A</i> , 2008, 1190, 102-109.	1.8	25
94	Mid- and near-infrared determination of metribuzin in agrochemicals. <i>Vibrational Spectroscopy</i> , 2008, 46, 82-88.	1.2	21
95	On-line vapor-phase generation combined with Fourier transform infrared spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 15-23.	5.8	9
96	Green Analytical Chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 497-511.	5.8	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.	1.8	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.	3.2	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.	2.9	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.	2.9	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.	2.9	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.	2.9	20
103	Firstâ€”Derivative Fourierâ€”Transform Infrared Determination of Oxadiazon in Commercial Herbicide Formulations. <i>Spectroscopy Letters</i> , 2008, 41, 1-8.	0.5	8
104	Vibrational Spectrometry. <i>Comprehensive Analytical Chemistry</i> , 2008, 54, 407-440.	0.7	0
105	Quality Control of Agrochemical Formulations by Diffuse Reflectance near Infrared Spectrometry. <i>Journal of Near Infrared Spectroscopy</i> , 2008, 16, 129-137.	0.8	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.	2.9	16
108	Research on Spectroscopy in Morocco from 1984 to 2006. <i>Spectroscopy Letters</i> , 2007, 40, 681-693.	0.5	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.	1.2	31
110	Recent developments in flow-analysis vibrational spectroscopy. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 775-787.	5.8	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.	2.6	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.	2.6	48
113	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.	2.6	37
114	Evaluation of nutritional parameters in infant formulas and powdered milk by Raman spectroscopy. <i>Analytica Chimica Acta</i> , 2007, 593, 30-38.	2.6	73
115	Monitoring of the smoking process by multicommutation Fourier Transform Infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2007, 593, 39-45.	2.6	5
116	Determination of edible oil parameters by near infrared spectrometry. <i>Analytica Chimica Acta</i> , 2007, 596, 330-337.	2.6	149
117	Quality control Fourier transform infrared determination of diazepam in pharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1277-1282.	1.4	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.	6.5	59
119	Determination of iprodione in agrochemicals by infrared and Raman spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2887-2894.	1.9	27
120	Determination of nitrogen in hydrolyzed protein formulations by continuous vapour phase FTIR. <i>Talanta</i> , 2006, 68, 836-841.	2.9	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.	2.9	17
122	Multicommutation-NIR determination of Hexythiazox in pesticide formulations. <i>Talanta</i> , 2006, 68, 1700-1706.	2.9	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.	2.9	44
124	Attenuated total reflectance infrared determination of sodium nitrilotriacetate in alkaline liquid detergents. <i>Talanta</i> , 2006, 70, 870-875.	2.9	4
125	On-line sample treatment and FT-IR determination of doxylamine succinate in pharmaceuticals. <i>Talanta</i> , 2006, 70, 1100-1106.	2.9	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.	2.6	17

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127	Direct determination of Mancozeb by photoacoustic spectrometry. <i>Analytica Chimica Acta</i> , 2006, 567, 255-261.	2.6	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.	2.6	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.	2.6	76
130	Optimization of transmission near infrared spectrometry procedures for quality control of pesticide formulations. <i>Analytica Chimica Acta</i> , 2006, 571, 288-297.	2.6	6
131	Univariate near infrared methods for determination of pesticides in agrochemicals. <i>Analytica Chimica Acta</i> , 2006, 579, 17-24.	2.6	15
132	Seafood freshness determination through vapour phase Fourier transform infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2006, 580, 216-222.	2.6	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.	1.8	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.	1.9	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.	1.9	7
136	Automated Fourier Transform near Infrared Determination of Buprofezin in Pesticide Formulations. <i>Journal of Near Infrared Spectroscopy</i> , 2005, 13, 161-168.	0.8	12
137	Mid-infrared and Raman spectrometry for quality control of pesticide formulations. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 772-781.	5.8	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.	2.6	49
139	Near infrared determination of Diuron in pesticide formulations. <i>Analytica Chimica Acta</i> , 2005, 543, 124-129.	2.6	23
140	Attenuated Total Reflection-Fourier transform infrared analysis of the fermentation process of pineapple. <i>Analytica Chimica Acta</i> , 2005, 545, 99-106.	2.6	26
141	Solid-phase FT-Raman determination of caffeine in energy drinks. <i>Analytica Chimica Acta</i> , 2005, 547, 197-203.	2.6	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.	1.8	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.	1.9	53
144	Quantitative Vibrational Spectrometry in the 21st Century: A Scientometric Evaluation. <i>Spectroscopy Letters</i> , 2005, 38, 665-675.	0.5	2

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145	Solid sampling Fourier transform infrared determination of Mancozeb in pesticide formulations. <i>Talanta</i> , 2005, 65, 971-979.	2.9	11
146	A validated and fast procedure for FTIR determination of Cypermethrin and Chlorpyrifos. <i>Talanta</i> , 2005, 67, 634-639.	2.9	39
147	Vibrational Spectrometry Strategies for Quality Control of Procymidone in Pesticide Formulations. <i>Spectroscopy Letters</i> , 2005, 38, 703-720.	0.5	2
148	FTIR Approaches for Diuron Determination in Commercial Pesticide Formulations. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 5842-5847.	2.4	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.	1.2	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.	1.4	13
152	Multicommutation ATR-FTIR: determination of sodium alpha-olefin sulfonate in detergent formulations. <i>Microchemical Journal</i> , 2004, 78, 47-54.	2.3	13
153	Fourier transform infrared spectrometric determination of Malathion in pesticide formulations. <i>Analytica Chimica Acta</i> , 2004, 502, 213-220.	2.6	25
154	Multicommutation Fourier transform infrared determination of benzene in gasoline. <i>Analytica Chimica Acta</i> , 2004, 512, 215-221.	2.6	22
155	Determination of cyromazine in pesticide commercial formulations by vibrational spectrometric procedures. <i>Analytica Chimica Acta</i> , 2004, 524, 257-264.	2.6	25
156	Nutritional parameters of commercially available milk samples by FTIR and chemometric techniques. <i>Analytica Chimica Acta</i> , 2004, 513, 401-412.	2.6	86
157	Sweeteners determination in table top formulations using FT-Raman spectrometry and chemometric analysis. <i>Analytica Chimica Acta</i> , 2004, 521, 149-155.	2.6	51
158	FTIR Determination of Aspartame and Acesulfame-K in Tabletop Sweeteners. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 7798-7803.	2.4	46
159	FT-Raman spectrometry determination of Malathion in pesticide formulations. <i>Talanta</i> , 2004, 63, 345-350.	2.9	30
160	Determination of insolubles in diesel lubricating oil by FIA-visible spectrometry. <i>Talanta</i> , 2004, 64, 1359-1363.	2.9	13
161	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.	2.6	34
162	Non-destructive and clean prediction of aviation fuel characteristics through Fourier transform-Raman spectroscopy and multivariate calibration. <i>Analytica Chimica Acta</i> , 2003, 482, 115-128.	2.6	18

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163	Selection of calibration set samples in determination of olive oil acidity by partial least squaresâ€“attenuated total reflectanceâ€“Fourier transform infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2003, 489, 59-75.	2.6	91
164	Fourier transform infrared determination of Fluometuron in pesticide formulations. <i>Vibrational Spectroscopy</i> , 2003, 31, 63-69.	1.2	15
165	An Infrared Method, with Reduced Solvent Consumption, for the Determination of Chlorsulfuron in Pesticide Formulations. <i>Spectroscopy Letters</i> , 2003, 36, 515-529.	0.5	2
166	Flow Injection/Atomic Absorption Spectrometric Determination of Zineb in Commercial Formulations of Pesticide Based on Slurry Sampling.. <i>Analytical Sciences</i> , 2002, 18, 1253-1256.	0.8	15
167	Flow-Injection Solid Phase Partial Least-Squares Spectrophotometric Simultaneous Determination of Iron, Nickel and Zinc. <i>Journal of the Brazilian Chemical Society</i> , 2002, 13, 54-59.	0.6	15
168	Determination of caffeine in tea samples by Fourier transform infrared spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 561-565.	1.9	28
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170	Fourier transform infrared spectrometric strategies for the determination of Buprofezin in pesticide formulations. <i>Analytica Chimica Acta</i> , 2002, 468, 81-90.	2.6	29
171	FTIR TENTATIVE CHARACTERIZATION OF HUMIC ACIDS EXTRACTED FROM ORGANIC MATERIALS. <i>Spectroscopy Letters</i> , 2001, 34, 179-190.	0.5	27
172	Fourier transform infrared spectrometric determination of Ziram. <i>Talanta</i> , 2001, 54, 1087-1094.	2.9	22
173	Fourier transform infrared determination of CO ₂ evolved from carbonate in carbonated apatites. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 367, 556-561.	1.5	9
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175	Spectrophotometric determination of carbaryl by on-line elution after its preconcentration onto polyurethane foam. <i>Talanta</i> , 2000, 52, 717-725.	2.9	12
176	Direct ATR-FTIR determination of sucrose in beet root. <i>Talanta</i> , 2000, 51, 247-255.	2.9	16
177	Determination of sulfide in waters by flow-injection solid phase spectrophotometry. <i>Analyst, The</i> , 2000, 125, 1835-1838.	1.7	32
178	Flow injection-FTIR determination of dithiocarbamate pesticides. <i>Analyst, The</i> , 2000, 125, 1829-1833.	1.7	40
179	Retention of carbaryl by polyether type polyurethane foam: a critical study. <i>Analyst, The</i> , 2000, 125, 257-261.	1.7	28
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184	Fourier-transform infrared determination of nicotine in tobacco samples by transmittance measurements after leaching with CHCl ₃ . <i>Analytica Chimica Acta</i> , 1998, 373, 63-71.	2.6	32
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197	Liquid chromatography-Fourier transform infrared spectrometric determination of cholesterol in animal greases. <i>Analytica Chimica Acta</i> , 1997, 354, 97-106.	2.6	9
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206	Solid phase preconcentration-Fourier transform infrared spectrometric determination of carbaryl and 1-naphthol. <i>Analytica Chimica Acta</i> , 1995, 314, 203-212.	2.6	38
207	Multivariate calibrations in Fourier transform infrared spectrometry for prediction of kerosene properties. <i>Analytica Chimica Acta</i> , 1995, 317, 95-105.	2.6	37
208	Flow injection near-infrared determination of ethanol in chloroform. <i>Fresenius' Journal of Analytical Chemistry</i> , 1995, 351, 724-728.	1.5	9
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210	Stopped-flow near-infrared spectrometric determination of ethanol and maltose in beers. <i>Analytica Chimica Acta</i> , 1994, 296, 155-161.	2.6	31
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214	Derivative Fourier transform infrared spectrometric determination of ethanol in beers. <i>Analyst, The</i> , 1994, 119, 1773.	1.7	22
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216	Direct determination of benzene in gasoline by flow-injection Fourier transform infrared spectrometry. <i>Analytica Chimica Acta</i> , 1993, 274, 267-274.	2.6	32

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218	Determination of carbaryl in pesticide formulations by Fourier transform infrared spectrometry with flow analysis. <i>Analyst, The</i> , 1993, 118, 1043-1048.	1.7	30
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225	Fourier transform infrared analysis of paint solvents. <i>Analytica Chimica Acta</i> , 1991, 242, 123-129.	2.6	13
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