

Antonio Molina-Díaz

List of Publications by Year in descending order

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215
papers

8,171
citations

46918

47
h-index

76769

74
g-index

220
all docs

220
docs citations

220
times ranked

7521
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct wine profiling by mass spectrometry (MS): A comparison of different ambient MS approaches. <i>Microchemical Journal</i> , 2022, 179, 107479.	2.3	6
2	Determination of atropine and scopolamine in spinach-based products contaminated with genus <i>Datura</i> by UHPLC-MS/MS. <i>Food Chemistry</i> , 2021, 347, 129020.	4.2	15
3	Appraisal of different clean-up strategies for the determination of fipronil and its metabolites in eggs by UHPLC-MS/MS. <i>Microchemical Journal</i> , 2021, 166, 106275.	2.3	3
4	Evaluation of a novel controlled-atmosphere flexible microtube plasma soft ionization source for the determination of BTEX in olive oil by headspace-gas chromatography/mass spectrometry. <i>Analytica Chimica Acta</i> , 2021, 1179, 338835.	2.6	8
5	Worldwide survey of pesticide residues in citrus-flavored soft drinks. <i>Food Chemistry</i> , 2021, 365, 130486.	4.2	7
6	Assessment of a specific sample cleanup for the multiresidue determination of veterinary drugs and pesticides in salmon using liquid chromatography/tandem mass spectrometry. <i>Food Control</i> , 2021, 130, 108311.	2.8	17
7	Direct analysis of olive oil and other vegetable oils by mass spectrometry: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 132, 116046.	5.8	25
8	Ambient (desorption/ionization) mass spectrometry methods for pesticide testing in food: a review. <i>Analytical Methods</i> , 2020, 12, 4831-4852.	1.3	40
9	Endogenous Biosynthesis of S-Nitrosoglutathione From Nitro-Fatty Acids in Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 962.	1.7	13
10	Quantitative determination of pesticide residues in specific parts of bee specimens by nanoflow liquid chromatography high resolution mass spectrometry. <i>Science of the Total Environment</i> , 2020, 715, 137005.	3.9	13
11	Ambient mass spectrometry from the point of view of Green Analytical Chemistry. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2019, 19, 50-60.	3.2	13
12	Basin-scale monitoring and risk assessment of emerging contaminants in South American Atlantic coastal lagoons. <i>Science of the Total Environment</i> , 2019, 697, 134058.	3.9	48
13	Critical assessment of two sample treatment methods for multiresidue determination of veterinary drugs in milk by UHPLC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1433-1442.	1.9	39
14	Detection of multiclass explosives and related compounds in soil and water by liquid chromatography-dielectric barrier discharge ionization-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4785-4796.	1.9	17
15	Use of a modified QuEChERS method for the determination of mycotoxin residues in edible nuts by nano flow liquid chromatography high resolution mass spectrometry. <i>Food Chemistry</i> , 2019, 279, 144-149.	4.2	50
16	Renewable chemiluminescence optosensors based on implementation of bead injection principle with multicommutation. <i>Talanta</i> , 2018, 182, 267-272.	2.9	6
17	Direct olive oil analysis by mass spectrometry: A comparison of different ambient ionization methods. <i>Talanta</i> , 2018, 180, 168-175.	2.9	39
18	Multicommutated Flow Injection Analysis Using Chemiluminescence Detection (MCFIA-CL) for Olive Oil Analysis. <i>Food Analytical Methods</i> , 2018, 11, 1804-1814.	1.3	5

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19	Use of dielectric barrier discharge ionization to minimize matrix effects and expand coverage in pesticide residue analysis by liquid chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1020, 76-85.	2.6	32
20	Experimental and theoretical determination of pesticide processing factors to model their behavior during virgin olive oil production. <i>Food Chemistry</i> , 2018, 239, 9-16.	4.2	35
21	Matrix-effect free multi-residue analysis of veterinary drugs in food samples of animal origin by nanoflow liquid chromatography high resolution mass spectrometry. <i>Food Chemistry</i> , 2018, 245, 29-38.	4.2	53
22	Sensitive Detection of Neonicotinoid Insecticides and Other Selected Pesticides in Pollen and Nectar Using Nanoflow Liquid Chromatography Orbitrap Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 367-373.	0.7	10
23	Fast Automated Determination of Total Tocopherol Content in Virgin Olive Oil Using a Single Multicommuted Luminescent Flow Method. <i>Food Analytical Methods</i> , 2017, 10, 2125-2131.	1.3	2
24	Multiclass profiling of lipids of archaeological interest by ultra-high pressure liquid chromatography-atmospheric pressure chemical ionization-high resolution mass spectrometry. <i>Microchemical Journal</i> , 2017, 132, 49-58.	2.3	5
25	Detection of over 100 selenium metabolites in selenized yeast by liquid chromatography electrospray time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1060, 84-90.	1.2	25
26	Matrix-effect free quantitative liquid chromatography mass spectrometry analysis in complex matrices using nanoflow liquid chromatography with integrated emitter tip and high dilution factors. <i>Journal of Chromatography A</i> , 2017, 1519, 110-120.	1.8	18
27	Simultaneous liquid chromatography/mass spectrometry determination of both polar and multiresidue pesticides in food using parallel hydrophilic interaction/reversed-phase liquid chromatography and a hybrid sample preparation approach. <i>Journal of Chromatography A</i> , 2017, 1517, 108-116.	1.8	18
28	Evaluation of nanoflow liquid chromatography high resolution mass spectrometry for pesticide residue analysis in food. <i>Journal of Chromatography A</i> , 2017, 1512, 78-87.	1.8	52
29	Screening of Over 600 Pesticides, Veterinary Drugs, Food-Packaging Contaminants, Mycotoxins, and Other Chemicals in Food by Ultra-High Performance Liquid Chromatography Quadrupole Time-of-Flight Mass Spectrometry (UHPLC-QTOFMS). <i>Food Analytical Methods</i> , 2017, 10, 1216-1244.	1.3	43
30	Study of different HILIC, mixed-mode, and other aqueous normal-phase approaches for the liquid chromatography/mass spectrometry-based determination of challenging polar pesticides. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4857-4869.	1.9	36
31	A feasibility study of UHPLC-HRMS accurate-mass screening methods for multiclass testing of organic contaminants in food. <i>Talanta</i> , 2016, 160, 704-712.	2.9	37
32	Evaluation of different cleanup sorbents for multiresidue pesticide analysis in fatty vegetable matrices by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1456, 89-104.	1.8	73
33	Determination of polar pesticides in olive oil and olives by hydrophilic interaction liquid chromatography coupled to tandem mass spectrometry and high resolution mass spectrometry. <i>Talanta</i> , 2016, 158, 222-228.	2.9	46
34	Evaluation of processing factors for selected organic contaminants during virgin olive oil production: Distribution of BTEXS during olives processing. <i>Food Chemistry</i> , 2016, 199, 273-279.	4.2	8
35	Determination of Over 350 Multiclass Pesticides in Jams by Ultra-High Performance Liquid Chromatography Time-of-Flight Mass Spectrometry (UHPLC-TOFMS). <i>Food Analytical Methods</i> , 2016, 9, 1939-1957.	1.3	11
36	Monitoring priority substances, other organic contaminants and heavy metals in a volcanic aquifer from different sources and hydrological processes. <i>Science of the Total Environment</i> , 2016, 551-552, 186-196.	3.9	23

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37	Multicommutated flow injection method for fast photometric determination of phenolic compounds in commercial virgin olive oil samples. <i>Talanta</i> , 2016, 147, 531-536.	2.9	9
38	Rapid determination of multiclass fungicides in wine by low-temperature plasma (LTP) ambient ionization mass spectrometry. <i>Analytical Methods</i> , 2015, 7, 7345-7351.	1.3	25
39	Study of tamoxifen urinary metabolites in rat by ultra-high performance liquid chromatography time-of-flight mass spectrometry. <i>Biomedical Chromatography</i> , 2015, 29, 1220-1228.	0.8	1
40	Screening and confirmation capabilities of liquid chromatography-time-of-flight mass spectrometry for the determination of 200 multiclass sport drugs in urine. <i>Talanta</i> , 2015, 134, 74-88.	2.9	17
41	Determination of Polyphenols in Commercial Extra Virgin Olive Oils from Different Origins (Mediterranean and South American Countries) by Liquid Chromatography-Electrospray Time-of-Flight Mass Spectrometry. <i>Food Analytical Methods</i> , 2014, 7, 1824-1833.	1.3	26
42	Monitoring of selected priority and emerging contaminants in the Guadalquivir River and other related surface waters in the province of Ja�n, South East Spain. <i>Science of the Total Environment</i> , 2014, 479-480, 247-257.	3.9	127
43	Multi-residue method for the determination of over 400 priority and emerging pollutants in water and wastewater by solid-phase extraction and liquid chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1350, 30-43.	1.8	101
44	Quantification of Se-Methylselenocysteine and Its γ -Glutamyl Derivative from Naturally Se-Enriched Green Bean (<i>Phaseolus vulgaris vulgaris</i>) After HPLC-ESI-TOF-MS and Orbitrap MS n -Based Identification. <i>Food Analytical Methods</i> , 2014, 7, 1147-1157.	1.3	27
45	Comparative evaluation of seven different sample treatment approaches for large-scale multiclass sport drug testing in urine by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1361, 34-42.	1.8	28
46	Ambient Diode Laser Desorption Dielectric Barrier Discharge Ionization Mass Spectrometry of Nonvolatile Chemicals. <i>Analytical Chemistry</i> , 2013, 85, 3174-3182.	3.2	58
47	Gas chromatography triple quadrupole mass spectrometry method for monitoring multiclass organic pollutants in Spanish sewage treatment plants effluents. <i>Talanta</i> , 2013, 111, 196-205.	2.9	20
48	Determination of the Reaction Rate Constants and Decomposition Mechanisms of Ozone with Two Model Emerging Contaminants: DEET and Nortriptyline. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 17064-17073.	1.8	24
49	Combined data mining strategy for the systematic identification of sport drug metabolites in urine by liquid chromatography time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 761, 1-10.	2.6	16
50	Comparative evaluation of liquid-liquid extraction, solid-phase extraction and solid-phase microextraction for the gas chromatography-mass spectrometry determination of multiclass priority organic contaminants in wastewater. <i>Talanta</i> , 2013, 117, 382-391.	2.9	35
51	Performance of dielectric barrier discharge ionization mass spectrometry for pesticide testing: a comparison with atmospheric pressure chemical ionization and electrospray ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 419-429.	0.7	35
52	Oxidation of chlorophene by ozonation: Kinetics, identification of by-products and reaction pathways. <i>Chemical Engineering Journal</i> , 2013, 230, 447-455.	6.6	18
53	Degradation of caffeine by conductive diamond electrochemical oxidation. <i>Chemosphere</i> , 2013, 93, 1720-1725.	4.2	58
54	Detection of main urinary metabolites of β_2 -agonists clenbuterol, salbutamol and terbutaline by liquid chromatography high resolution mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 923-924, 128-135.	1.2	34

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55	Overcoming matrix effects in electrospray: Quantitation of β^2 -agonists in complex matrices by isotope dilution liquid chromatography–mass spectrometry using singly ^{13}C -labeled analogues. <i>Journal of Chromatography A</i> , 2013, 1288, 40-47.	1.8	48
56	Simultaneous testing of multiclass organic contaminants in food and environment by liquid chromatography/dielectric barrier discharge ionization-mass spectrometry. <i>Analyst</i> , The, 2012, 137, 5403.	1.7	51
57	Conductive-diamond electrochemical oxidation of chlorpyrifos in wastewater and identification of its main degradation products by LC–TOFMS. <i>Chemosphere</i> , 2012, 89, 1169-1176.	4.2	22
58	Screening of emerging contaminants and priority substances (2008/105/EC) in reclaimed water for irrigation and groundwater in a volcanic aquifer (Gran Canaria, Canary Islands, Spain). <i>Science of the Total Environment</i> , 2012, 433, 538-546.	3.9	105
59	Determination of fungicide residues in baby food by liquid chromatography–ion trap tandem mass spectrometry. <i>Food Chemistry</i> , 2012, 135, 780-786.	4.2	39
60	Retrospective screening of relevant pesticide metabolites in food using liquid chromatography high resolution mass spectrometry and accurate-mass databases of parent molecules and diagnostic fragment ions. <i>Journal of Chromatography A</i> , 2012, 1249, 83-91.	1.8	56
61	Generic sample treatment method for simultaneous determination of multiclass pesticides and mycotoxins in wines by liquid chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1249, 32-40.	1.8	58
62	Study on the occurrence of pesticide residues in fruit-based soft drinks from the EU market and morocco using liquid chromatography–mass spectrometry. <i>Food Control</i> , 2012, 26, 341-346.	2.8	29
63	The Potential of Ambient Desorption Ionization Methods Combined with High-Resolution Mass Spectrometry for Pesticide Testing in Food. <i>Comprehensive Analytical Chemistry</i> , 2012, , 339-366.	0.7	6
64	Determination of nitrotyrosine in <i>Arabidopsis thaliana</i> cell cultures with a mixed-mode solid-phase extraction cleanup followed by liquid chromatography time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1495-1503.	1.9	9
65	Low-molecular weight protein profiling of genetically modified maize using fast liquid chromatography electrospray ionization and time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2012, 35, 1447-1461.	1.3	8
66	Systematic bottom-up approach for flavonoid derivative screening in plant material using liquid chromatography high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 995-1006.	1.9	12
67	Removal of sulfamethoxazole from waters and wastewaters by conductive–diamond electrochemical oxidation. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 1441-1449.	1.6	56
68	Multiclass determination of pesticides and priority organic pollutants in fruit-based soft drinks by headspace solid-phase microextraction/gas chromatography tandem mass spectrometry. <i>Analytical Methods</i> , 2011, 3, 2221.	1.3	21
69	Multiclass detection and quantitation of antibiotics and veterinary drugs in shrimps by fast liquid chromatography time-of-flight mass spectrometry. <i>Talanta</i> , 2011, 85, 1419-1427.	2.9	90
70	In-source fragmentation and accurate mass analysis of multiclass flavonoid conjugates by electrospray ionization time-of-flight mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2011, 46, 478-488.	0.7	76
71	Screening and quantitation of multiclass drugs of abuse and pharmaceuticals in hair by fast liquid chromatography electrospray time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2034-2042.	1.2	58
72	Large-scale pesticide testing in olives by liquid chromatography–electrospray tandem mass spectrometry using two sample preparation methods based on matrix solid-phase dispersion and QuEChERS. <i>Journal of Chromatography A</i> , 2010, 1217, 6022-6035.	1.8	106

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73	Occurrence of emerging contaminants, priority substances (2008/105/CE) and heavy metals in treated wastewater and groundwater at Depurbaix facility (Barcelona, Spain). <i>Science of the Total Environment</i> , 2010, 408, 3584-3595.	3.9	244
74	Evaluation of two sample treatment methodologies for large-scale pesticide residue analysis in olive oil by fast liquid chromatography-electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 3736-3747.	1.8	59
75	Solid-phase spectroscopy from the point of view of green analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 654-666.	5.8	40
76	Potential chemical and microbiological risks on human health from urban wastewater reuse in agriculture. Case study of wastewater effluents in Spain. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2010, 45, 300-309.	0.7	21
77	Multi-residue determination of pesticides in fruit-based soft drinks by fast liquid chromatography time-of-flight mass spectrometry. <i>Talanta</i> , 2010, 81, 1310-1321.	2.9	48
78	Determination of organic priority pollutants in sewage treatment plant effluents by gas chromatography high-resolution mass spectrometry. <i>Talanta</i> , 2010, 82, 1318-1324.	2.9	20
79	Rapid determination of BTEXS in olives and olive oil by headspace-gas chromatography/mass spectrometry (HS-GC-MS). <i>Talanta</i> , 2010, 83, 391-399.	2.9	31
80	Olive Fruit Growth and Ripening as Seen by Vibrational Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 82-87.	2.4	53
81	Analysis of drugs of abuse in biofluids by low temperature plasma (LTP) ionization mass spectrometry. <i>Analyst</i> , 2010, 135, 927.	1.7	112
82	Determination of enzyme activity inhibition by FTIR spectroscopy on the example of fructose biphosphatase. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 2137-2144.	1.9	10
83	Chemical evaluation of contaminants in wastewater effluents and the environmental risk of reusing effluents in agriculture. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 676-694.	5.8	136
84	Desorption Electrospray Ionization Mass Spectrometry for Trace Analysis of Agrochemicals in Food. <i>Analytical Chemistry</i> , 2009, 81, 820-829.	3.2	141
85	Sample treatment and determination of pesticide residues in fatty vegetable matrices: A review. <i>Talanta</i> , 2009, 79, 109-128.	2.9	245
86	Accurate-Mass Databases for Comprehensive Screening of Pesticide Residues in Food by Fast Liquid Chromatography Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 913-929.	3.2	150
87	Flow-through optosensing device implemented with photochemically-induced fluorescence for the rapid and simple screening of metsulfuron methyl in environmental waters. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1080.	2.1	19
88	Flow-Through Solid-Phase Spectroscopy: A Contribution to Green Analytical Chemistry. <i>Spectroscopy Letters</i> , 2009, 42, 383-393.	0.5	8
89	Simultaneous Flow-Injection Solid-Phase Fluorometric Determination of Thiabendazole and Metsulfuron Methyl Using Photochemical Derivatization. <i>Analytical Sciences</i> , 2009, 25, 681-686.	0.8	12
90	Flow-injection solid surface lanthanide-sensitized luminescence sensor for determination of p-aminobenzoic acid. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 715-719.	1.9	10

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91	Implementation of terbium-sensitized luminescence in sequential-injection analysis for automatic analysis of orbifloxacin. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 1397-1403.	1.9	13
92	Sequential injection multi-optosensor based on a dual-luminescence system using two sensing zones: application to multivitamin determination. <i>Mikrochimica Acta</i> , 2008, 162, 199-204.	2.5	16
93	Fast Determination of Salicylic Acid in Pharmaceuticals by Using a Terbium-Sensitized Luminescent SIA Optosensor. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 791-797.	1.6	8
94	Pesticide residues in washing water of olive oil mills: effect on olive washing efficiency and decontamination proposal. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 2467-2473.	1.7	9
95	Assessment of dentifrice adulteration with diethylene glycol by means of ATR-FTIR spectroscopy and chemometrics. <i>Analytica Chimica Acta</i> , 2008, 620, 113-119.	2.6	17
96	Pharmaceutical powders analysis using FT-Raman spectrometry: Simultaneous determination of sulfathiazole and sulfanilamide. <i>Talanta</i> , 2008, 74, 1603-1607.	2.9	12
97	Ranking potential impacts of priority and emerging pollutants in urban wastewater through life cycle impact assessment. <i>Chemosphere</i> , 2008, 74, 37-44.	4.2	173
98	Determination of Pesticide Residues in Fruit-Based Soft Drinks. <i>Analytical Chemistry</i> , 2008, 80, 8966-8974.	3.2	101
99	Flow-through Fluorescence-based Optosensor for the Screening of Zinc in Drinking Water. <i>Analytical Sciences</i> , 2007, 23, 1179-1183.	0.8	7
100	Multicommutated Fluorometric Multiparameter Sensor for Simultaneous Determination of Naproxen and Salicylic Acid in Biological Fluids. <i>Analytical Sciences</i> , 2007, 23, 423-428.	0.8	12
101	Development of a photochemically induced fluorescence-based optosensor for the determination of imidacloprid in peppers and environmental waters. <i>Talanta</i> , 2007, 72, 991-997.	2.9	48
102	Identification of Pesticide Transformation Products in Food by Liquid Chromatography/Time-of-Flight Mass Spectrometry via "Fragmentation" Degradation Relationships. <i>Analytical Chemistry</i> , 2007, 79, 307-321.	3.2	127
103	Determination of Postharvest Fungicides in Fruit Juices by Solid-Phase Extraction Followed by Liquid Chromatography Electrospray Time-of-Flight Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 10548-10556.	2.4	62
104	Large Scale Pesticide Multiresidue Methods in Food Combining Liquid Chromatography Time-of-Flight Mass Spectrometry and Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 7308-7323.	3.2	114
105	Accurate mass analysis and structure elucidation of selenium metabolites by liquid chromatography electrospray time-of-flight mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 947-959.	1.6	17
106	Determination of pesticide residues in olive oil and olives. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 239-251.	5.8	152
107	Comprehensive screening of target, non-target and unknown pesticides in food by LC-TOF-MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 828-841.	5.8	132
108	Multicommutated fluorescence based optosensor for the screening of bitertanol residues in banana samples. <i>Food Chemistry</i> , 2007, 102, 676-682.	4.2	20

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109	Multicommutated flow-through optosensors implemented with photochemically induced fluorescence: Determination of flufenamic acid. <i>Analytical Biochemistry</i> , 2007, 361, 280-286.	1.1	27
110	Determination of azoxystrobin residues in grapes, musts and wines with a multicommutated flow-through optosensor implemented with photochemically induced fluorescence. <i>Analytica Chimica Acta</i> , 2007, 585, 185-191.	2.6	36
111	Flow-through optosensor combined with photochemically induced fluorescence for simultaneous determination of binary mixtures of sulfonamides in pharmaceuticals, milk and urine. <i>Analytica Chimica Acta</i> , 2007, 600, 164-171.	2.6	24
112	Two-dimensional correlation spectroscopy and multivariate curve resolution for the study of lipid oxidation in edible oils monitored by FTIR and FT-Raman spectroscopy. <i>Analytica Chimica Acta</i> , 2007, 593, 54-67.	2.6	152
113	Development of a multicommutated flow-through optosensor for the determination of a ternary pharmaceutical mixture. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 515-521.	1.4	18
114	Fluorimetric SIA optosensing in pharmaceutical analysis: Determination of paracetamol. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 318-321.	1.4	33
115	Analyses of pesticide residues in fruit-based baby food by liquid chromatography/electrospray ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2059-2071.	0.7	64
116	Determination of sub-ppb reserpine by an optosensing device based on photochemically induced fluorescence. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 1771-1777.	1.9	10
117	Application of high-performance liquid chromatography-tandem mass spectrometry with a quadrupole/linear ion trap instrument for the analysis of pesticide residues in olive oil. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1815-1831.	1.9	73
118	Environmental Water Samples Analysis of Pesticides by Means of Chemometrics Combined with Fluorimetric Multi-optosensing. <i>Journal of Fluorescence</i> , 2007, 17, 271-277.	1.3	21
119	Multi-commutated Flow-through Multi-optosensing: A Tool for Environmental Analysis. <i>Spectroscopy Letters</i> , 2006, 39, 619-629.	0.5	16
120	Influence of Harvesting Method and Washing on the Presence of Pesticide Residues in Olives and Olive Oil. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 8538-8544.	2.4	32
121	The potential of combining solid-phase optosensing and multicommutation principles for routine analyses of pharmaceuticals. <i>Talanta</i> , 2006, 68, 1482-1488.	2.9	10
122	A multicommutated fluorescence-based sensing system for simultaneous determination of Vitamins B2 and B6. <i>Analytica Chimica Acta</i> , 2006, 555, 128-133.	2.6	50
123	Determination of thiabendazole residues in citrus fruits using a Multicommutated fluorescence-based optosensor. <i>Analytica Chimica Acta</i> , 2006, 557, 95-100.	2.6	34
124	Chemiluminescence optosensing implemented with multicommutation: Determination of salicylic acid. <i>Analytica Chimica Acta</i> , 2006, 580, 149-154.	2.6	21
125	Sensing of trace amounts of cadmium in drinking water using a single fluorescence-based optosensor. <i>Microchemical Journal</i> , 2006, 82, 94-99.	2.3	20
126	Effect of polyethyleneimine ion on the sorption of a reactive dye onto Leacril fabric: Electrokinetic properties and surface free energy of the system. <i>Journal of Colloid and Interface Science</i> , 2006, 297, 317-321.	5.0	12

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127	Determination of pesticides in washing waters of olive processing by gas chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2006, 29, 1578-1586.	1.3	8
128	Determination of Triazine Herbicides and Diuron in Mud from Olive Washing Devices and Soils Using Gas Chromatography with Selective Detectors. <i>Analytical Letters</i> , 2006, 39, 835-850.	1.0	7
129	Resolution of Biparametric Mixtures Using Bead Injection Spectroscopic Flow-through Renewable Surface Sensors. <i>Analytical Sciences</i> , 2005, 21, 1079-1084.	0.8	17
130	Using optical NIR sensor for on-line virgin olive oils characterization. <i>Sensors and Actuators B: Chemical</i> , 2005, 107, 64-68.	4.0	61
131	Multicommutated optosensor for the determination of pipemidic acid in biological fluids. <i>Analytical Biochemistry</i> , 2005, 347, 330-332.	1.1	22
132	Terbium-sensitized luminescence optosensor for the determination of norfloxacin in biological fluids. <i>Analytica Chimica Acta</i> , 2005, 532, 159-164.	2.6	46
133	Implementation of flow-through solid phase spectroscopic transduction with photochemically induced fluorescence: determination of thiamine. <i>Analytica Chimica Acta</i> , 2005, 535, 161-168.	2.6	30
134	Implementation of multicommutation principle with flow-through multiptosensors. <i>Analytica Chimica Acta</i> , 2005, 545, 113-118.	2.6	27
135	Direct monitoring of lipid oxidation in edible oils by Fourier transform Raman spectroscopy. <i>Chemistry and Physics of Lipids</i> , 2005, 134, 173-182.	1.5	237
136	Multicommutated flow-through fluorescence optosensor for determination of furosemide and triamterene. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 383, 797-803.	1.9	21
137	Solid-phase ultraviolet sensing system for determination of methylxanthines. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 158-163.	1.9	17
138	Searching for non-target chlorinated pesticides in food by liquid chromatography/time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2780-2788.	0.7	64
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