Antonio Molina-Daz

List of Publications by Year in Descending Order

219 papers	6,867 citations	44 h-index	69 g-index
220 ext. papers	7,419 ext. citations	5.2 avg, IF	5.89 L-index

#	Paper	IF	Citations
219	Direct wine profiling by mass spectrometry (MS): A comparison of different ambient MS approaches. *Microchemical Journal*, **2022**, 179, 107479	4.8	1
218	Determination of atropine and scopolamine in spinach-based products contaminated with genus Datura by UHPLC-MS/MS. *Food Chemistry*, **2021**, 347, 129020	8.5	5
217	Appraisal of different clean-up strategies for the determination of fipronil and its metabolites in eggs by UHPLC-MS/MS. *Microchemical Journal*, **2021**, 166, 106275	4.8	2
216	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. *Analytica Chimica Acta*, **2021**, 1179, 338835	6.6	0
215	Worldwide survey of pesticide residues in citrus-flavored soft drinks. *Food Chemistry*, **2021**, 365, 130486	8.5	2
214	Assessment of a specific sample cleanup for the multiresidue determination of veterinary drugs and pesticides in salmon using liquid chromatography/tandem mass spectrometry. *Food Control*, **2021**, 130, 108311	6.2	3
213	Endogenous Biosynthesis of S-Nitrosoglutathione From Nitro-Fatty Acids in Plants. *Frontiers in Plant Science*, **2020**, 11, 962	6.2	8
212	Quantitative determination of pesticide residues in specific parts of bee specimens by nanoflow liquid chromatography high resolution mass spectrometry. *Science of the Total Environment*, **2020**, 715, 137005	10.2	7
211	Direct analysis of olive oil and other vegetable oils by mass spectrometry: A review. *TrAC - Trends in Analytical Chemistry*, **2020**, 132, 116046	14.6	9
210	Ambient (desorption/ionization) mass spectrometry methods for pesticide testing in food: a review. *Analytical Methods*, **2020**, 12, 4831-4852	3.2	17
209	Critical assessment of two sample treatment methods for multiresidue determination of veterinary drugs in milk by UHPLC-MS/MS. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 1433-1442	4.4	19
208	Detection of multiclass explosives and related compounds in soil and water by liquid chromatography-dielectric barrier discharge ionization-mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 4785-4796	4.4	10
207	Ambient mass spectrometry from the point of view of Green Analytical Chemistry. *Current Opinion in Green and Sustainable Chemistry*, **2019**, 19, 50-60	7.9	7
206	Basin-scale monitoring and risk assessment of emerging contaminants in South American Atlantic coastal lagoons. *Science of the Total Environment*, **2019**, 697, 134058	10.2	30
205	Use of a modified QuEChERS method for the determination of mycotoxin residues in edible nuts by nano flow liquid chromatography high resolution mass spectrometry. *Food Chemistry*, **2019**, 279, 144-149	8.5	33
204	Renewable chemiluminescence optosensors based on implementation of bead injection principle with multicommutation. *Talanta*, **2018**, 182, 267-272	6.2	5
203	Direct olive oil analysis by mass spectrometry: A comparison of different ambient ionization methods. *Talanta*, **2018**, 180, 168-175	6.2	29

202	Multicommuted Flow Injection Analysis Using Chemiluminescence Detection (MCFIA-CL) for Olive Oil Analysis. *Food Analytical Methods*, **2018**, 11, 1804-1814	3.4	3
201	Use of dielectric barrier discharge ionization to minimize matrix effects and expand coverage in pesticide residue analysis by liquid chromatography-mass spectrometry. *Analytica Chimica Acta*, **2018**, 1020, 76-85	6.6	20
200	Experimental and theoretical determination of pesticide processing factors to model their behavior during virgin olive oil production. *Food Chemistry*, **2018**, 239, 9-16	8.5	20
199	Matrix-effect free multi-residue analysis of veterinary drugs in food samples of animal origin by nanoflow liquid chromatography high resolution mass spectrometry. *Food Chemistry*, **2018**, 245, 29-38	8.5	40
198	Sensitive Detection of Neonicotinoid Insecticides and Other Selected Pesticides in Pollen and Nectar Using Nanoflow Liquid Chromatography Orbitrap Tandem Mass Spectrometry. *Journal of AOAC INTERNATIONAL*, **2018**, 101, 367-373	1.7	10
197	High-Resolution Mass Spectrometry for the Analysis of Pesticide Residues in Food **2018**, 1-25		
196	Fast Automated Determination of Total Tocopherol Content in Virgin Olive Oil Using a Single Multicommuted Luminescent Flow Method. *Food Analytical Methods*, **2017**, 10, 2125-2131	3.4	2
195	Multiclass profiling of lipids of archaeological interest by ultra-high pressure liquid chromatography-atmospheric pressure chemical ionization-high resolution mass spectrometry. *Microchemical Journal*, **2017**, 132, 49-58	4.8	3
194	Detection of over 100 selenium metabolites in selenized yeast by liquid chromatography electrospray time-of-flight mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1060, 84-90	3.2	18
193	Matrix-effect free quantitative liquid chromatography mass spectrometry analysis in complex matrices using nanoflow LC with integrated emitter tip and high dilution factors. *Journal of Chromatography A*, **2017**, 1519, 110-120	4.5	13
192	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. *Journal of Chromatography A*, **2017**, 1517, 108-116	4.5	10
191	Evaluation of nanoflow liquid chromatography high resolution mass spectrometry for pesticide residue analysis in food. *Journal of Chromatography A*, **2017**, 1512, 78-87	4.5	46
190	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). *Food Analytical Methods*, **2017**, 10, 1216-1244	3.4	37
189	Multicommuted flow injection method for fast photometric determination of phenolic compounds in commercial virgin olive oil samples. *Talanta*, **2016**, 147, 531-6	6.2	8
188	Evaluation of different cleanup sorbents for multiresidue pesticide analysis in fatty vegetable matrices by liquid chromatography tandem mass spectrometry. *Journal of Chromatography A*, **2016**, 1456, 89-104	4.5	57
187	Determination of polar pesticides in olive oil and olives by hydrophilic interaction liquid chromatography coupled to tandem mass spectrometry and high resolution mass spectrometry. *Talanta*, **2016**, 158, 222-228	6.2	37
186	Evaluation of processing factors for selected organic contaminants during virgin olive oil production: Distribution of BTEXS during olives processing. *Food Chemistry*, **2016**, 199, 273-9	8.5	6
185	Determination of Over 350 Multiclass Pesticides in Jams by Ultra-High Performance Liquid Chromatography Time-of-Flight Mass Spectrometry (UHPLC-TOFMS). *Food Analytical Methods*, **2016**, 9, 1939-1957	3.4	9

184	Monitoring priority substances, other organic contaminants and heavy metals in a volcanic aquifer from different sources and hydrological processes. *Science of the Total Environment*, **2016**, 551-552, 186-96	10.2	17
183	Study of different HILIC, mixed-mode, and other aqueous normal-phase approaches for the liquid chromatography/mass spectrometry-based determination of challenging polar pesticides. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 4857-69	4.4	27
182	A feasibility study of UHPLC-HRMS accurate-mass screening methods for multiclass testing of organic contaminants in food. *Talanta*, **2016**, 160, 704-712	6.2	32
181	Screening and confirmation capabilities of liquid chromatography-time-of-flight mass spectrometry for the determination of 200 multiclass sport drugs in urine. *Talanta*, **2015**, 134, 74-88	6.2	14
180	Rapid determination of multiclass fungicides in wine by low-temperature plasma (LTP) ambient ionization mass spectrometry. *Analytical Methods*, **2015**, 7, 7345-7351	3.2	21
179	Study of tamoxifen urinary metabolites in rat by ultra-high-performance liquid chromatography time-of-flight mass spectrometry. *Biomedical Chromatography*, **2015**, 29, 1220-8	1.7	1
178	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. *Food Analytical Methods*, **2014**, 7, 1824-1833	3.4	22
177	Monitoring of selected priority and emerging contaminants in the Guadalquivir River and other related surface waters in the province of Jaén, South East Spain. *Science of the Total Environment*, **2014**, 479-480, 247-57	10.2	100
176	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. *Journal of Chromatography A*, **2014**, 1350, 30-43	4.5	88
175	Quantification of Se-Methylselenocysteine and Its γ-Glutamyl Derivative from Naturally Se-Enriched Green Bean (Phaseolus vulgaris vulgaris) After HPLC-ESI-TOF-MS and Orbitrap MSn-Based Identification. *Food Analytical Methods*, **2014**, 7, 1147-1157	3.4	20
174	Comparative evaluation of seven different sample treatment approaches for large-scale multiclass sport drug testing in urine by liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2014**, 1361, 34-42	4.5	23
173	Ambient diode laser desorption dielectric barrier discharge ionization mass spectrometry of nonvolatile chemicals. *Analytical Chemistry*, **2013**, 85, 3174-82	7.8	52
172	Gas chromatography triple quadrupole mass spectrometry method for monitoring multiclass organic pollutants in Spanish sewage treatment plants effluents. *Talanta*, **2013**, 111, 196-205	6.2	19
171	Determination of the Reaction Rate Constants and Decomposition Mechanisms of Ozone with Two Model Emerging Contaminants: DEET and Nortriptyline. *Industrial & Engineering Chemistry Research*, **2013**, 52, 17064-17073	3.9	18
170	Combined data mining strategy for the systematic identification of sport drug metabolites in urine by liquid chromatography time-of-flight mass spectrometry. *Analytica Chimica Acta*, **2013**, 761, 1-10	6.6	14
169	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. *Talanta*, **2013**, 117, 382-91	6.2	30
168	Performance of dielectric barrier discharge ionization mass spectrometry for pesticide testing: a comparison with atmospheric pressure chemical ionization and electrospray ionization. *Rapid Communications in Mass Spectrometry*, **2013**, 27, 419-29	2.2	30
167	Oxidation of chlorophene by ozonation: Kinetics, identification of by-products and reaction pathways. *Chemical Engineering Journal*, **2013**, 230, 447-455	14.7	17

166	Degradation of caffeine by conductive diamond electrochemical oxidation. *Chemosphere*, **2013**, 93, 1720-5	3.4	50
165	Detection of main urinary metabolites of 2-agonists clenbuterol, salbutamol and terbutaline by liquid chromatography high resolution mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2013**, 923-924, 128-35	3.2	28
164	Overcoming matrix effects in electrospray: quantitation of agonists in complex matrices by isotope dilution liquid chromatography-mass spectrometry using singly (13)C-labeled analogues. *Journal of Chromatography A*, **2013**, 1288, 40-7	4.5	43
163	Removal of sulfamethoxazole from waters and wastewaters by conductive-diamond electrochemical oxidation. *Journal of Chemical Technology and Biotechnology*, **2012**, 87, 1441-1449	3.5	49
162	Simultaneous testing of multiclass organic contaminants in food and environment by liquid chromatography/dielectric barrier discharge ionization-mass spectrometry. *Analyst, The*, **2012**, 137, 5403-10	5	48
161	Conductive-diamond electrochemical oxidation of chlorpyrifos in wastewater and identification of its main degradation products by LC-TOFMS. *Chemosphere*, **2012**, 89, 1169-76	8.4	18
160	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). *Science of the Total Environment*, **2012**, 433, 538-46	10.2	91
159	Determination of fungicide residues in baby food by liquid chromatography-ion trap tandem mass spectrometry. *Food Chemistry*, **2012**, 135, 780-6	8.5	33
158	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. *Journal of Chromatography A*, **2012**, 1249, 83-91	4.5	54
157	Generic sample treatment method for simultaneous determination of multiclass pesticides and mycotoxins in wines by liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2012**, 1249, 32-40	4.5	51
156	Study on the occurrence of pesticide residues in fruit-based soft drinks from the EU market and morocco using liquid chromatography mass spectrometry. *Food Control*, **2012**, 26, 341-346	6.2	24
155	The Potential of Ambient Desorption Ionization Methods Combined with High-Resolution Mass Spectrometry for Pesticide Testing in Food. *Comprehensive Analytical Chemistry*, **2012**, 339-366	1.9	5
154	Determination of nitrotyrosine in Arabidopsis thaliana cell cultures with a mixed-mode solid-phase extraction cleanup followed by liquid chromatography time-of-flight mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2012**, 404, 1495-503	4.4	9
153	Low-molecular weight protein profiling of genetically modified maize using fast liquid chromatography electrospray ionization and time-of-flight mass spectrometry. *Journal of Separation Science*, **2012**, 35, 1447-61	3.4	7
152	Systematic bottom-up approach for flavonoid derivative screening in plant material using liquid chromatography high-resolution mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2012**, 403, 995-1006	4.4	10
151	Pesticides: Organophosphates **2012**, 199-218		1
150	Multiclass detection and quantitation of antibiotics and veterinary drugs in shrimps by fast liquid chromatography time-of-flight mass spectrometry. *Talanta*, **2011**, 85, 1419-27	6.2	84
149	In-source fragmentation and accurate mass analysis of multiclass flavonoid conjugates by electrospray ionization time-of-flight mass spectrometry. *Journal of Mass Spectrometry*, **2011**, 46, 478-88	2.2	71

148	Multiclass determination of pesticides and priority organic pollutants in fruit-based soft drinks by headspace solid-phase microextraction/gas chromatography tandem mass spectrometry. *Analytical Methods*, **2011**, 3, 2221	3.2	21
147	Screening and quantitation of multiclass drugs of abuse and pharmaceuticals in hair by fast liquid chromatography electrospray time-of-flight mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2011**, 879, 2034-42	3.2	54
146	Potential chemical and microbiological risks on human health from urban wastewater reuse in agriculture. Case study of wastewater effluents in Spain. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2010**, 45, 300-9	2.2	19
145	Multi-residue determination of pesticides in fruit-based soft drinks by fast liquid chromatography time-of-flight mass spectrometry. *Talanta*, **2010**, 81, 1310-21	6.2	43
144	Determination of organic priority pollutants in sewage treatment plant effluents by gas chromatography high-resolution mass spectrometry. *Talanta*, **2010**, 82, 1318-24	6.2	18
143	Rapid determination of BTEXS in olives and olive oil by headspace-gas chromatography/mass spectrometry (HS-GC-MS). *Talanta*, **2010**, 83, 391-9	6.2	27
142	Olive fruit growth and ripening as seen by vibrational spectroscopy. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 82-7	5.7	47
141	Analysis of drugs of abuse in biofluids by low temperature plasma (LTP) ionization mass spectrometry. *Analyst, The*, **2010**, 135, 927-33	5	104
140	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. *Journal of Chromatography A*, **2010**, 1217, 6022-35	4.5	96
139	Occurrence of emerging contaminants, priority substances (2008/105/CE) and heavy metals in treated wastewater and groundwater at Depurbaix facility (Barcelona, Spain). *Science of the Total Environment*, **2010**, 408, 3584-95	10.2	214
138	Evaluation of two sample treatment methodologies for large-scale pesticide residue analysis in olive oil by fast liquid chromatography-electrospray mass spectrometry. *Journal of Chromatography A*, **2010**, 1217, 3736-47	4.5	45
137	Solid-phase spectroscopy from the point of view of green analytical chemistry. *TrAC - Trends in Analytical Chemistry*, **2010**, 29, 654-666	14.6	39
136	Determination of enzyme activity inhibition by FTIR spectroscopy on the example of fructose bisphosphatase. *Analytical and Bioanalytical Chemistry*, **2009**, 394, 2137-44	4.4	9
135	Chemical evaluation of contaminants in wastewater effluents and the environmental risk of reusing effluents in agriculture. *TrAC - Trends in Analytical Chemistry*, **2009**, 28, 676-694	14.6	117
134	Desorption electrospray ionization mass spectrometry for trace analysis of agrochemicals in food. *Analytical Chemistry*, **2009**, 81, 820-9	7.8	126
133	Sample treatment and determination of pesticide residues in fatty vegetable matrices: a review. *Talanta*, **2009**, 79, 109-28	6.2	210
132	Accurate-mass databases for comprehensive screening of pesticide residues in food by fast liquid chromatography time-of-flight mass spectrometry. *Analytical Chemistry*, **2009**, 81, 913-29	7.8	139
131	Flow-through optosensing device implemented with photochemically-induced fluorescence for the rapid and simple screening of metsulfuron methyl in environmental waters. *Journal of Environmental Monitoring*, **2009**, 11, 1080-5		16

130	Flow-Through Solid-Phase Spectroscopy: A Contribution to Green Analytical Chemistry. *Spectroscopy Letters*, **2009**, 42, 383-393	1.1	6
129	Simultaneous flow-injection solid-phase fluorometric determination of thiabendazole and metsulfuron methyl using photochemical derivatization. *Analytical Sciences*, **2009**, 25, 681-6	1.7	11
128	Pharmaceutical powders analysis using FT-Raman spectrometry: simultaneous determination of sulfathiazole and sulfanilamide. *Talanta*, **2008**, 74, 1603-7	6.2	11
127	Ranking potential impacts of priority and emerging pollutants in urban wastewater through life cycle impact assessment. *Chemosphere*, **2008**, 74, 37-44	8.4	138
126	Determination of pesticide residues in fruit-based soft drinks. *Analytical Chemistry*, **2008**, 80, 8966-74	7.8	91
125	Flow-injection solid surface lanthanide-sensitized luminescence sensor for determination of p-aminobenzoic acid. *Analytical and Bioanalytical Chemistry*, **2008**, 391, 715-9	4.4	9
124	Implementation of terbium-sensitized luminescence in sequential-injection analysis for automatic analysis of orbifloxacin. *Analytical and Bioanalytical Chemistry*, **2008**, 392, 1397-403	4.4	13
123	Sequential injection multi-optosensor based on a dual-luminescence system using two sensing zones: application to multivitamin determination. *Mikrochimica Acta*, **2008**, 162, 199-204	5.8	15
122	Fast determination of salicylic acid in pharmaceuticals by using a terbium-sensitized luminescent SIA optosensor. *Journal of Pharmaceutical Sciences*, **2008**, 97, 791-7	3.9	8
121	Pesticide residues in washing water of olive oil mills: effect on olive washing efficiency and decontamination proposal. *Journal of the Science of Food and Agriculture*, **2008**, 88, 2467-2473	4.3	7
120	Assessment of dentifrice adulteration with diethylene glycol by means of ATR-FTIR spectroscopy and chemometrics. *Analytica Chimica Acta*, **2008**, 620, 113-9	6.6	13
119	Large scale pesticide multiresidue methods in food combining liquid chromatography--time-of-flight mass spectrometry and tandem mass spectrometry. *Analytical Chemistry*, **2007**, 79, 7308-23	7.8	106
118	Accurate mass analysis and structure elucidation of selenium metabolites by liquid chromatography electrospray time-of-flight mass spectrometry. *Journal of Analytical Atomic Spectrometry*, **2007**, 22, 947-959	3.7	14
117	Determination of pesticide residues in olive oil and olives. *TrAC - Trends in Analytical Chemistry*, **2007**, 26, 239-251	14.6	130
116	Comprehensive screening of target, non-target and unknown pesticides in food by LC-TOF-MS. *TrAC - Trends in Analytical Chemistry*, **2007**, 26, 828-841	14.6	113
115	Multicommuted fluorescence based optosensor for the screening of bitertanol residues in banana samples. *Food Chemistry*, **2007**, 102, 676-682	8.5	15
114	Multicommutated flow-through optosensors implemented with photochemically induced fluorescence: determination of flufenamic acid. *Analytical Biochemistry*, **2007**, 361, 280-6	3.1	18
113	Determination of azoxystrobin residues in grapes, musts and wines with a multicommuted flow-through optosensor implemented with photochemically induced fluorescence. *Analytica Chimica Acta*, **2007**, 585, 185-91	6.6	31

112	Flow-through optosensor combined with photochemically induced fluorescence for simultaneous determination of binary mixtures of sulfonamides in pharmaceuticals, milk and urine. *Analytica Chimica Acta*, **2007**, 600, 164-71	6.6	20
111	Two-dimensional correlation spectroscopy and multivariate curve resolution for the study of lipid oxidation in edible oils monitored by FTIR and FT-Raman spectroscopy. *Analytica Chimica Acta*, **2007** , 593, 54-67	6.6	129
110	Development of a multicommuted flow-through optosensor for the determination of a ternary pharmaceutical mixture. *Journal of Pharmaceutical and Biomedical Analysis*, **2007**, 43, 515-21	3.5	18
109	Fluorimetric SIA optosensing in pharmaceutical analysis: determination of paracetamol. *Journal of Pharmaceutical and Biomedical Analysis*, **2007**, 45, 318-21	3.5	24
108	Analyses of pesticide residues in fruit-based baby food by liquid chromatography/electrospray ionization time-of-flight mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2007**, 21, 2059-71	2.2	58
107	Determination of sub-ppb reserpine by an optosensing device based on photochemically induced fluorescence. *Analytical and Bioanalytical Chemistry*, **2007**, 388, 1771-7	4.4	8
106	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. *Analytical and Bioanalytical Chemistry*, **2007**, 389, 1815-31	4.4	66
105	Environmental water samples analysis of pesticides by means of chemometrics combined with fluorimetric multioptosensing. *Journal of Fluorescence*, **2007**, 17, 271-7	2.4	19
104	Flow-through fluorescence-based optosensor for the screening of zinc in drinking water. *Analytical Sciences*, **2007**, 23, 1179-83	1.7	7
103	Multicommuted fluorometric multiparameter sensor for simultaneous determination of naproxen and salicylic acid in biological fluids. *Analytical Sciences*, **2007**, 23, 423-8	1.7	8
102	Development of a photochemically induced fluorescence-based optosensor for the determination of imidacloprid in peppers and environmental waters. *Talanta*, **2007**, 72, 991-7	6.2	35
101	Identification of pesticide transformation products in food by liquid chromatography/time-of-flight mass spectrometry via "fragmentation-degradation" relationships. *Analytical Chemistry*, **2007**, 79, 307-21	7.8	112
100	Determination of postharvest fungicides in fruit juices by solid-phase extraction followed by liquid chromatography electrospray time-of-flight mass spectrometry. *Journal of Agricultural and Food Chemistry*, **2007**, 55, 10548-56	5.7	58
99	Determination of pesticides in washing waters of olive processing by gas chromatography-tandem mass spectrometry. *Journal of Separation Science*, **2006**, 29, 1578-86	3.4	6
98	Determination of Triazine Herbicides and Diuron in Mud from Olive Washing Devices and Soils Using Gas Chromatography with Selective Detectors. *Analytical Letters*, **2006**, 39, 835-850	2.2	2
97	Multi-commutated Flow-through Multi-optosensing: A Tool for Environmental Analysis. *Spectroscopy Letters*, **2006**, 39, 619-629	1.1	15
96	Influence of harvesting method and washing on the presence of pesticide residues in olives and olive oil. *Journal of Agricultural and Food Chemistry*, **2006**, 54, 8538-44	5.7	26
95	The potential of combining solid-phase optosensing and multicommutation principles for routine analyses of pharmaceuticals. *Talanta*, **2006**, 68, 1482-8	6.2	10

94	A multicommuted fluorescence-based sensing system for simultaneous determination of Vitamins B2 and B6. *Analytica Chimica Acta*, **2006**, 555, 128-133	6.6	44
93	Determination of thiabendazole residues in citrus fruits using a Multicommuted fluorescence-based optosensor. *Analytica Chimica Acta*, **2006**, 557, 95-100	6.6	29
92	Chemiluminescence optosensing implemented with multicommutation: determination of salicylic acid. *Analytica Chimica Acta*, **2006**, 580, 149-54	6.6	18
91	Sensing of trace amounts of cadmium in drinking water using a single fluorescence-based optosensor. *Microchemical Journal*, **2006**, 82, 94-99	4.8	19
90	Effect of polyethyleneimine ion on the sorption of a reactive dye onto Leacril fabric: electrokinetic properties and surface free energy of the system. *Journal of Colloid and Interface Science*, **2006**, 297, 317-21	9.3	12
89	Rapid determination of diphenylamine residues in apples and pears with a single multicommuted fluorometric optosensor. *Journal of Agricultural and Food Chemistry*, **2005**, 53, 9874-8	5.7	11
88	Fourier-Transform Near-Infrared Spectroscopy as a Tool for Olive Fruit Classification and Quantitative Analysis. *Spectroscopy Letters*, **2005**, 38, 769-785	1.1	17
87	Flow-through sensor with Fourier transform Raman detection for determination of sulfonamides. *Analyst, The*, **2005**, 130, 1617-23	5	16
86	Development of a solid surface fluorescence-based sensing system for aluminium monitoring in drinking water. *Talanta*, **2005**, 65, 1203-8	6.2	24
85	A flow-injection renewable surface sensor for the fluorimetric determination of vanadium(V) with Alizarin Red S. *Talanta*, **2005**, 66, 1333-9	6.2	36
84	Resolution of biparametric mixtures using bead injection spectroscopic flow-through renewable surface sensors. *Analytical Sciences*, **2005**, 21, 1079-84	1.7	17
83	Using optical NIR sensor for on-line virgin olive oils characterization. *Sensors and Actuators B: Chemical*, **2005**, 107, 64-68	8.5	55
82	Multicommuted optosensor for the determination of pipemidic acid in biological fluids. *Analytical Biochemistry*, **2005**, 347, 330-2	3.1	21
81	Terbium-sensitized luminescence optosensor for the determination of norfloxacin in biological fluids. *Analytica Chimica Acta*, **2005**, 532, 159-164	6.6	43
80	Implementation of flow-through solid phase spectroscopic transduction with photochemically induced fluorescence: determination of thiamine. *Analytica Chimica Acta*, **2005**, 535, 161-168	6.6	22
79	Implementation of multicommutation principle with flow-through multioptosensors. *Analytica Chimica Acta*, **2005**, 545, 113-118	6.6	26
78	Direct monitoring of lipid oxidation in edible oils by Fourier transform Raman spectroscopy. *Chemistry and Physics of Lipids*, **2005**, 134, 173-82	3.7	185
77	Multicommuted flow-through fluorescence optosensor for determination of furosemide and triamterene. *Analytical and Bioanalytical Chemistry*, **2005**, 383, 797-803	4.4	18

76	Solid-phase ultraviolet sensing system for determination of methylxanthines. *Analytical and Bioanalytical Chemistry*, **2005**, 382, 158-63	4.4	15
75	Searching for non-target chlorinated pesticides in food by liquid chromatography/time-of-flight mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2005**, 19, 2780-8	2.2	58
74	Flow-Through Fluorescence-Based Optosensor with On-Line Solid-Phase Separation for the Simultaneous Determination of a Ternary Pesticide Mixture. *Journal of AOAC INTERNATIONAL*, **2005**, 88, 860-865	1.7	14
73	Flow-through fluorescence-based optosensor with on-line solid-phase separation for the simultaneous determination of a ternary pesticide mixture. *Journal of AOAC INTERNATIONAL*, **2005**, 88, 860-5	1.7	7
72	Fluorimetric Flow-Through Sensing of Quinine and Quinidine. *Mikrochimica Acta*, **2004**, 147, 211	5.8	12
71	Continuous-flow separation and pre-concentration coupled on-line to solid-surface fluorescence spectroscopy for the simultaneous determination of o-phenylphenol and thiabendazole. *Analytical and Bioanalytical Chemistry*, **2004**, 378, 429-37	4.4	11
70	Determination of oil and water content in olive pomace using near infrared and Raman spectrometry. A comparative study. *Analytical and Bioanalytical Chemistry*, **2004**, 379, 35-41	4.4	55
69	A Prussian blue-based flow-through renewable surface optosensor for analysis of ascorbic acid. *Microchemical Journal*, **2004**, 78, 157-162	4.8	20
68	A single spectroscopic flow-through sensing device for determination of ciprofloxacin. *Journal of Pharmaceutical and Biomedical Analysis*, **2004**, 35, 689-95	3.5	30
67	Bead injection spectroscopy-flow injection analysis (BIS-FIA): an interesting tool applicable to pharmaceutical analysis. Determination of promethazine and trifluoperazine. *Journal of Pharmaceutical and Biomedical Analysis*, **2004**, 35, 1027-34	3.5	29
66	Solid-phase UV spectrophotometric method for determination of ciprofloxacin. *Microchemical Journal*, **2004**, 77, 79-84	4.8	50
65	Discrimination of olives according to fruit quality using Fourier transform Raman spectroscopy and pattern recognition techniques. *Journal of Agricultural and Food Chemistry*, **2004**, 52, 6055-60	5.7	39
64	Development of a single fluorescence-based optosensor for rapid simultaneous determination of fungicides benomyl and thiabendazole in waters and commercial formulations. *Journal of Agricultural and Food Chemistry*, **2004**, 52, 2197-202	5.7	22
63	Implementation of flow-through multi-sensors with bead injection spectroscopy: fluorimetric renewable surface biparameter sensor for determination of berillium and aluminum. *Talanta*, **2004**, 62, 879-86	6.2	18
62	Multiwavelength fluorescence based optosensor for simultaneous determination of fuberidazole, carbaryl and benomyl. *Talanta*, **2004**, 64, 742-9	6.2	24
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2	Solid Phase Molecular Spectroscopy221-244		
1	Luminescence Detection in Flow Analysis343-393		1