

# 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	Sample treatment and determination of pesticide residues in fatty vegetable matrices: A review. <i>Talanta</i> , 2009, 79, 109-128.	2.9	245
2	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
3	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
4	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
5	Determination of pesticide residues in olive oil and olives. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 239-251.	5.8	152
6	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
7	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
8	Desorption Electrospray Ionization Mass Spectrometry for Trace Analysis of Agrochemicals in Food. <i>Analytical Chemistry</i> , 2009, 81, 820-829.	3.2	141
9	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
10	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
11	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
12	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
13	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
14	Analysis of drugs of abuse in biofluids by low temperature plasma (LTP) ionization mass spectrometry. <i>Analyst</i> , 2010, 135, 927.	1.7	112
15	Direct, reagent-free determination of free fatty acid content in olive oil and olives by Fourier transform Raman spectrometry. <i>Analytica Chimica Acta</i> , 2003, 487, 211-220.	2.6	109
16	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
17	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
18	Determination of Pesticide Residues in Fruit-Based Soft Drinks. <i>Analytical Chemistry</i> , 2008, 80, 8966-8974.	3.2	101

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19	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
20	Selection of calibration set samples in determination of olive oil acidity by partial least squares-attenuated total reflectance-Fourier transform infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2003, 489, 59-75.	2.6	91
21	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
22	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
23	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
24	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
25	Determination of oil and water content in olive pomace using near infrared and Raman spectrometry. A comparative study. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 35-41.	1.9	68
26	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
27	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
28	Solid-phase UV spectrophotometric method for determination of ciprofloxacin. <i>Microchemical Journal</i> , 2004, 77, 79-84.	2.3	63
29	Solid-phase spectrophotometric determination of trace amounts of hydrazine at sub-ng mL <sup>-1</sup> level. <i>Analytica Chimica Acta</i> , 1997, 353, 115-122.	2.6	62
30	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
31	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
32	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
33	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
34	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
35	Ambient Diode Laser Desorption Dielectric Barrier Discharge Ionization Mass Spectrometry of Nonvolatile Chemicals. <i>Analytical Chemistry</i> , 2013, 85, 3174-3182.	3.2	58
36	Degradation of caffeine by conductive diamond electrochemical oxidation. <i>Chemosphere</i> , 2013, 93, 1720-1725.	4.2	58

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37	Fast determination of paracetamol by using a very simple photometric flow-through sensing device. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 22, 59-66.	1.4	56
38	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
39	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
40	A flow-through solid phase UV spectrophotometric biparameter sensor for the sequential determination of ascorbic acid and paracetamol. <i>Analytica Chimica Acta</i> , 2000, 404, 131-139.	2.6	53
41	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
42	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
43	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
44	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
45	Simultaneous determination of paracetamol, caffeine and acetylsalicylic acid by means of a FI ultraviolet pls multiptosensing device. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999, 21, 983-992.	1.4	50
46	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
47	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
48	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
49	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
50	Overcoming matrix effects in electrospray: Quantitation of $\beta$ -agonists in complex matrices by isotope dilution liquid chromatography-mass spectrometry using singly $^{13}\text{C}$ -labeled analogues. <i>Journal of Chromatography A</i> , 2013, 1288, 40-47.	1.8	48
51	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
52	Resolution of phenol, o-cresol, m-cresol and p-cresol mixtures by excitation fluorescence using partial least-squares (PLS) multivariate calibration. <i>Analytica Chimica Acta</i> , 1996, 335, 23-33.	2.6	46
53	Indirect spectrophotometric determination of ascorbic acid with ferrozine by flow-injection analysis. <i>Talanta</i> , 1998, 47, 531-536.	2.9	46
54	Terbium-sensitized luminescence optosensor for the determination of norfloxacin in biological fluids. <i>Analytica Chimica Acta</i> , 2005, 532, 159-164.	2.6	46

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55	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
56	Indirect determination of ascorbic acid by solid-phase spectrophotometry. <i>Analytica Chimica Acta</i> , 1998, 360, 143-152.	2.6	45
57	Simultaneous spectrofluorimetric determination of (acetyl)salicylic acid, codeine and pyridoxine in pharmaceutical preparations using partial least-squares multivariate calibration. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 23, 837-844.	1.4	43
58	Flow-through UV spectrophotometric sensor for determination of (acetyl)salicylic acid in pharmaceutical preparations. <i>International Journal of Pharmaceutics</i> , 2001, 216, 95-104.	2.6	43
59	The potential of flow-through optosensors in pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 28, 399-419.	1.4	43
60	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
61	Discrimination of Olives According to Fruit Quality Using Fourier Transform Raman Spectroscopy and Pattern Recognition Techniques. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6055-6060.	2.4	42
62	A flow-injection renewable surface sensor for the fluorimetric determination of vanadium(V) with Alizarin Red S. <i>Talanta</i> , 2005, 66, 1333-1339.	2.9	41
63	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
64	Ambient (desorption/ionization) mass spectrometry methods for pesticide testing in food: a review. <i>Analytical Methods</i> , 2020, 12, 4831-4852.	1.3	40
65	Spectrophotometric determination of iron with ferrozine by flow-injection analysis. <i>Talanta</i> , 1997, 44, 1793-1801.	2.9	39
66	A selective optosensor for UV spectrophotometric determination of thiamine in the presence of other vitamins B. <i>Analytica Chimica Acta</i> , 1998, 376, 227-233.	2.6	39
67	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
68	Direct olive oil analysis by mass spectrometry: A comparison of different ambient ionization methods. <i>Talanta</i> , 2018, 180, 168-175.	2.9	39
69	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
70	A single spectroscopic flow-through sensing device for determination of ciprofloxacin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 35, 689-695.	1.4	38
71	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
72	Gel-surface enhanced fluorescence sensing system coupled to a continuous-flow assembly for simultaneous monitoring of benomyl and carbendazim. <i>Analytica Chimica Acta</i> , 2003, 493, 35-45.	2.6	36

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73	Determination of azoxystrobin residues in grapes, musts and wines with a multicommuted flow-through optosensor implemented with photochemically induced fluorescence. <i>Analytica Chimica Acta</i> , 2007, 585, 185-191.	2.6	36
74	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
75	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
76	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
77	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
78	Continuous flow-through solid phase spectrophotometric determination of trace amounts of zinc. <i>Analytica Chimica Acta</i> , 1998, 375, 71-80.	2.6	34
79	Determination of thiabendazole residues in citrus fruits using a Multicommuted fluorescence-based optosensor. <i>Analytica Chimica Acta</i> , 2006, 557, 95-100.	2.6	34
80	Detection of main urinary metabolites of $\beta_2$ -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
81	Flow injection-solid phase spectrofluorimetric determination of pyridoxine in presence of group B-vitamins. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 363, 265-269.	1.5	33
82	Fluorimetric SIA optosensing in pharmaceutical analysis: Determination of paracetamol. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 318-321.	1.4	33
83	Determination of ascorbic acid by use of a flow-through solid phase UV spectrophotometric system. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 363, 92-97.	1.5	32
84	UV SPECTROPHOTOMETRIC FLOW-THROUGH MULTIPARAMETER SENSOR FOR THE SIMULTANEOUS DETERMINATION OF ACETAMINOPHEN, ACETYLSALICYLIC ACID, AND CAFFEINE. <i>Analytical Letters</i> , 2002, 35, 2433-2447.	1.0	32
85	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
86	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
87	A rapid and selective solid-phase UV spectrophotometric method for determination of ascorbic acid in pharmaceutical preparations and urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999, 20, 247-254.	1.4	31
88	Simultaneous determination of thiamine and pyridoxine in pharmaceuticals by using a single flow-through biparameter sensor. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 25, 619-630.	1.4	31
89	Bead injection spectroscopy-flow injection analysis (BIS-FIA): an interesting tool applicable to pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 35, 1027-1034.	1.4	31
90	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

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91	Sensitive and selective determination of diclofenac sodium in pharmaceutical preparations by solid phase ultraviolet absorptiometry. <i>Analytica Chimica Acta</i> , 1998, 369, 263-268.	2.6	30
92	Solid-phase UV spectroscopic multisensor for the simultaneous determination of caffeine, dimenhydrinate and acetaminophen by using partial least squares multicalibration. <i>Talanta</i> , 1999, 49, 691-701.	2.9	30
93	Multiwavelength fluorescence based optosensor for simultaneous determination of fuberidazole, carbaryl and benomyl. <i>Talanta</i> , 2004, 64, 742-749.	2.9	30
94	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
95	Selective determination of pyridoxine in the presence of hydrosoluble vitamins using a continuous-flow solid phase sensing device with UV detection. <i>International Journal of Pharmaceutics</i> , 2000, 202, 113-120.	2.6	29
96	A flow-through optosensing device with fluorimetric transduction for rapid and sensitive determination of dipyridamole in pharmaceuticals and human plasma. <i>European Journal of Pharmaceutical Sciences</i> , 2001, 13, 385-391.	1.9	29
97	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
98	A Simple and Straightforward Procedure for Monitoring Phenol Compounds in Waters by Using UV Solid Phase Transduction Integrated in a Continuous Flow System. <i>Mikrochimica Acta</i> , 2003, 141, 143-148.	2.5	28
99	A flow injection sensor for simultaneous determination of sulfamethoxazole and trimethoprim by using Sephadex SP C-25 for continuous on-line separation and solid phase UV transduction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 669-677.	1.4	28
100	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
101	Use of a solid sensing zone implemented with unsegmented flow analysis for simultaneous determination of thiabendazole and warfarin. <i>Analytica Chimica Acta</i> , 2002, 459, 235-243.	2.6	27
102	Development of a Single Fluorescence-Based Optosensor for Rapid Simultaneous Determination of Fungicides Benomyl and Thiabendazole in Waters and Commercial Formulations. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2197-2202.	2.4	27
103	Implementation of multicommutation principle with flow-through multiptosensors. <i>Analytica Chimica Acta</i> , 2005, 545, 113-118.	2.6	27
104	Development of a solid surface fluorescence-based sensing system for aluminium monitoring in drinking water. <i>Talanta</i> , 2005, 65, 1203-1208.	2.9	27
105	Multicommutated flow-through optosensors implemented with photochemically induced fluorescence: Determination of flufenamic acid. <i>Analytical Biochemistry</i> , 2007, 361, 280-286.	1.1	27
106	Quantification of Se-Methylselenocysteine and Its $\hat{I}^3$ -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
107	Fourier Transform Raman Spectrometry for the Quantitative Analysis of Oil Content and Humidity in Olives. <i>Applied Spectroscopy</i> , 2003, 57, 233-237.	1.2	26
108	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

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109	A Prussian blue-based flow-through renewable surface optosensor for analysis of ascorbic acid. <i>Microchemical Journal</i> , 2004, 78, 157-162.	2.3	25
110	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
111	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
112	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
113	A very simple resolution of the mixture paracetamol and salicylamide by flow injection "solid phase spectrophotometry. <i>Analytica Chimica Acta</i> , 1999, 394, 149-158.	2.6	24
114	Simultaneous Determination of Paracetamol, Caffeine and Propyphenazone in Pharmaceuticals by Means of a Single Flow-Through UV Multiparameter Sensor. <i>Mikrochimica Acta</i> , 2003, 141, 157-163.	2.5	24
115	A flow-through fluorimetric sensing device for determination of 1±- and 1²-naphthol mixtures using a partial least-squares multivariate calibration approach. <i>Talanta</i> , 2003, 60, 313-323.	2.9	24
116	Implementation of flow-through multi-sensors with bead injection spectroscopy: fluorimetric renewable surface biparameter sensor for determination of berillium and aluminum. <i>Talanta</i> , 2004, 62, 879-886.	2.9	24
117	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
118	Determination of the Reaction Rate Constants and Decomposition Mechanisms of Ozone with Two Model Emerging Contaminants: DEET and Nortriptyline. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 17064-17073.	1.8	24
119	Integrated flow injection-solid phase spectrophotometric determination of minoxidil. <i>Talanta</i> , 1999, 50, 277-282.	2.9	23
120	Simultaneous Determination of Paracetamol and Caffeine by Flow Injection-Solid Phase Spectrometry Using C18 Silica Gel as a Sensing Support.. <i>Analytical Sciences</i> , 2002, 18, 1241-1246.	0.8	23
121	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
122	Solid phase Fourier transform near infrared spectroscopy. <i>Analyst, The</i> , 1999, 124, 579-582.	1.7	22
123	Multicommuted optosensor for the determination of pipemidic acid in biological fluids. <i>Analytical Biochemistry</i> , 2005, 347, 330-332.	1.1	22
124	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
125	UV spectrophotometric flow-injection assay of tetracycline antibiotics retained on Sephadex QAE A-25 in drug formulations. <i>Microchemical Journal</i> , 2000, 65, 325-331.	2.3	21
126	Multicommuted flow-through fluorescence optosensor for determination of furosemide and triamterene. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 383, 797-803.	1.9	21



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127	Chemiluminescence optosensing implemented with multicommutation: Determination of salicylic acid. <i>Analytica Chimica Acta</i> , 2006, 580, 149-154.	2.6	21
128	Environmental Water Samples Analysis of Pesticides by Means of Chemometrics Combined with Fluorimetric Multiptosensing. <i>Journal of Fluorescence</i> , 2007, 17, 271-277.	1.3	21
129	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
130	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
131	Fast flow-injection fluorimetric determination of amiloride by using a solid sensing zone. <i>Talanta</i> , 2002, 56, 1005-1013.	2.9	20
132	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
133	Multicommutated fluorescence based optosensor for the screening of bitertanol residues in banana samples. <i>Food Chemistry</i> , 2007, 102, 676-682.	4.2	20
134	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
135	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
136	A simple solid phase spectrofluorimetric method combined with flow analysis for the rapid determination of salicylamide and salicylic acid in pharmaceutical samples. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 365, 619-624.	1.5	19
137	Bead injection spectroscopic flow-through renewable surface sensors with commercial flow cells as an alternative to reusable flow-through sensors. <i>Analytica Chimica Acta</i> , 2003, 482, 209-217.	2.6	19
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