

Monsalud del Olmo-Iruela

List of Publications by Year in descending order

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58
papers

1,978
citations

186265
28
h-index

254184
43
g-index

61
all docs

61
docs citations

61
times ranked

2144
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of bisphenol A (BPA) in water by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 1997, 346, 87-92.	5.4	107
2	Determination of trace amounts of bisphenol F, bisphenol A and their diglycidyl ethers in wastewater by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2001, 431, 31-40.	5.4	90
3	Determination of Bisphenol A in Water by Micro Liquid-Liquid Extraction Followed by Silylation and Gas Chromatography-Mass Spectrometry Analysis. <i>Journal of Chromatographic Science</i> , 1998, 36, 565-570.	1.4	87
4	Gas chromatographic-mass spectrometric method for the determination of bisphenol A and its chlorinated derivatives in urban wastewater. <i>Water Research</i> , 2003, 37, 735-742.	11.3	84
5	Applications of capillary electrophoresis to the determination of antibiotics in food and environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 967-986.	3.7	81
6	Advances in the determination of β -lactam antibiotics by liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 38, 52-66.	11.4	74
7	Trace determination of β -lactam antibiotics in environmental aqueous samples using off-line and on-line preconcentration in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2008, 1185, 273-280.	3.7	71
8	Salting-out assisted liquid-liquid extraction combined with capillary HPLC for the determination of sulfonylurea herbicides in environmental water and banana juice samples. <i>Talanta</i> , 2014, 127, 51-58.	5.5	70
9	Vortex-assisted ionic liquid dispersive liquid-liquid microextraction for the determination of sulfonylurea herbicides in wine samples by capillary high-performance liquid chromatography. <i>Food Chemistry</i> , 2015, 170, 348-353.	8.2	70
10	Simultaneous determination of naproxen, salicylic acid and acetylsalicylic acid by spectrofluorimetry using partial least-squares (PLS) multivariate calibration. <i>Talanta</i> , 1999, 48, 469-475.	5.5	68
11	Evaluation of dispersive liquid-liquid microextraction for the determination of patulin in apple juices using micellar electrokinetic capillary chromatography. <i>Food Control</i> , 2013, 31, 353-358.	5.5	62
12	Trace determination of 10 β -lactam antibiotics in environmental and food samples by capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 8355-8361.	3.7	58
13	Convenient solid phase extraction of cephalosporins in milk using a molecularly imprinted polymer. <i>Food Chemistry</i> , 2012, 135, 775-779.	8.2	49
14	Use of solid-phase microextraction followed by on-column silylation for determining chlorinated bisphenol A in human plasma by gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 817, 167-172.	2.3	47
15	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.	5.4	46
16	Kohonen artificial neural networks as a tool for wavelength selection in multicomponent spectrofluorimetric PLS modelling: application to phenol, o-cresol, m-cresol and p-cresol mixtures. <i>TrAC - Trends in Analytical Chemistry</i> , 1999, 18, 93-98.	11.4	45
17	Trace determination of sulfonylurea herbicides in water and grape samples by capillary zone electrophoresis using large volume sample stacking. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2593-2601.	3.7	44
18	Collision cross section (CCS) as a complementary parameter to characterize human and veterinary drugs. <i>Analytica Chimica Acta</i> , 2018, 1043, 52-63.	5.4	43

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19	Large-volume sample stacking for the analysis of seven β -lactam antibiotics in milk samples of different origins by CZE. <i>Electrophoresis</i> , 2007, 28, 4082-4090.	2.4	39
20	Determination of bisphenol A (BPA) in the presence of phenol by first-derivative fluorescence following micro liquid-liquid extraction (MLLE). <i>Talanta</i> , 2000, 50, 1141-1148.	5.5	38
21	Sensitive determination of carbaryl in vegetal food and natural waters by flow-injection analysis based on the luminol chemiluminescence reaction. <i>Analytica Chimica Acta</i> , 2004, 524, 161-166.	5.4	35
22	Determination of the herbicide metribuzin and its major conversion products in soil by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2006, 1102, 280-286.	3.7	35
23	On-line anion exchange solid-phase extraction coupled to liquid chromatography with fluorescence detection to determine quinolones in water and human urine. <i>Journal of Chromatography A</i> , 2013, 1310, 91-97.	3.7	34
24	Resolution of mixtures of three nonsteroidal anti-inflammatory drugs by fluorescence using partial least squares multivariate calibration with previous wavelength selection by Kohonen artificial neural networks. <i>Talanta</i> , 2000, 52, 1069-1079.	5.5	33
25	Multiresidue determination of penicillins in environmental waters and chicken muscle samples by means of capillary electrophoresis-tandem mass spectrometry. <i>Electrophoresis</i> , 2009, 30, 1708-1717.	2.4	33
26	Validation of a new method based on salting-out assisted liquid-liquid extraction and UHPLC-MS/MS for the determination of betalactam antibiotics in infant dairy products. <i>Talanta</i> , 2017, 167, 493-498.	5.5	33
27	Large volume sample stacking in capillary zone electrophoresis for the monitoring of the degradation products of metribuzin in environmental samples. <i>Journal of Chromatography A</i> , 2007, 1164, 320-328.	3.7	32
28	Determination of polycyclic aromatic hydrocarbon residues in water by synchronous solid-phase spectrofluorimetry. <i>Analyst</i> , The, 1994, 119, 1211-1214.	3.5	28
29	Hollow-fiber liquid-phase microextraction combined with capillary HPLC for the selective determination of six sulfonyleurea herbicides in environmental waters. <i>Journal of Separation Science</i> , 2013, 36, 3395-3401.	2.5	28
30	Determination of Synthetic Food Antioxidants in Multicomponent Mixtures Using UV-Visible Spectrophotometry and Partial Least-Squares Calibration. <i>Applied Spectroscopy</i> , 1996, 50, 449-453.	2.2	27
31	Determination of benzimidazoles in meat samples by capillary zone electrophoresis tandem mass spectrometry following dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , 2017, 1490, 212-219.	3.7	26
32	Determination of bisphenol-a and related compounds in human saliva by gas chromatography-mass spectrometry. <i>Chromatographia</i> , 2002, 56, 213-218.	1.3	24
33	Ion-paired extraction of cephalosporins in acetone prior to their analysis by capillary liquid chromatography in environmental water and meat samples. <i>Talanta</i> , 2013, 115, 943-949.	5.5	24
34	Green and simple analytical method to determine benzimidazoles in milk samples by using salting-out assisted liquid-liquid extraction and capillary liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1091, 46-52.	2.3	24
35	Use of an ionic liquid-based surfactant as pseudostationary phase in the analysis of carbamates by micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2015, 36, 955-961.	2.4	22
36	Mortars, pigments and binding media of wall paintings in the "Carrera del Darro"™ in Granada, Spain. <i>Journal of Cultural Heritage</i> , 2000, 1, 19-28.	3.3	21

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37	Analysis of cephalosporin residues in environmental waters by capillary zone electrophoresis with off-line and on-line preconcentration. <i>Analytical Methods</i> , 2012, 4, 2341.	2.7	20
38	Capillary electrochromatography coupled with dispersive liquid-liquid microextraction for the analysis of benzimidazole residues in water samples. <i>Talanta</i> , 2016, 161, 8-14.	5.5	20
39	Determination of trace amounts of carbaryl in water by solid-phase laser-induced fluorescence. <i>Talanta</i> , 1997, 44, 443-449.	5.5	18
40	Trace determination of phenol, bisphenol A and bisphenol A diglycidyl ether in mixtures by excitation fluorescence following micro liquid-liquid extraction using partial least squares regression. <i>Analyst</i> , The, 1999, 124, 385-390.	3.5	18
41	Close overlapping discrimination of polycyclic aromatic hydrocarbons by synchronous scanning at variable-angle solid-phase spectrofluorimetry. <i>Analytica Chimica Acta</i> , 1995, 302, 193-200.	5.4	17
42	Coupling sweeping-micellar electrokinetic chromatography with tandem mass spectrometry for the therapeutic monitoring of benzimidazoles in animal urine by dilute and shoot. <i>Talanta</i> , 2017, 175, 542-549.	5.5	15
43	Multiclass cyanotoxin analysis in reservoir waters: Tandem solid-phase extraction followed by zwitterionic hydrophilic interaction liquid chromatography-mass spectrometry. <i>Talanta</i> , 2022, 237, 122929.	5.5	15
44	Monitoring of cyanotoxins in water from hypersaline microalgae colonies by ultra high performance liquid chromatography with diode array and tandem mass spectrometry detection following salting-out liquid-liquid extraction. <i>Journal of Chromatography A</i> , 2019, 1608, 460409.	3.7	13
45	Determination of Benzo(a)pyrene in Water by Synchronous Fluorimetry Following Preconcentration on Sephadex Gels. <i>Analytical Letters</i> , 1993, 26, 2443-2454.	1.8	11
46	Micellar electrokinetic chromatography as efficient alternative for the multiresidue determination of seven neonicotinoids and 6-chloronicotinic acid in environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6231-6240.	3.7	11
47	Determination of Ultra-Traces of Anthracene in Water Samples by Solid-Phase Spectrofluorimetry. <i>Analytical Sciences</i> , 1993, 9, 117-120.	1.6	10
48	Ultra-high performance liquid chromatography with fluorescence detection following salting-out assisted liquid-liquid extraction for the analysis of benzimidazole residues in farm fish samples. <i>Journal of Chromatography A</i> , 2018, 1543, 58-66.	3.7	10
49	Amino- ϵ -functionalized material from a bio- ϵ -template for silver adsorption: process evaluation in batch and fixed bed. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 590-599.	3.2	10
50	Capillary liquid chromatography as an effective method for the determination of seven neonicotinoid residues in honey samples. <i>Journal of Separation Science</i> , 2020, 43, 3847-3855.	2.5	9
51	A novel approach based on capillary liquid chromatography for the simultaneous determination of neonicotinoid residues in cereal samples. <i>Microchemical Journal</i> , 2021, 161, 105756.	4.5	9
52	Determination of pyrene and benzo(a)pyrene residues in water by derivative synchronous solid-phase spectrofluorimetry. <i>Mikrochimica Acta</i> , 1993, 112, 55-62.	5.0	7
53	Use of carbon paste electrodes as a novel strategy to study adsorption mechanism of silver ions onto functionalized grapefruit peel. <i>Journal of Electroanalytical Chemistry</i> , 2018, 830-831, 20-26.	3.8	7
54	Use of Transmitted Room-Temperature Phosphorescence to Improve Nalidixic Acid Determination. <i>Applied Spectroscopy</i> , 1998, 52, 101-105.	2.2	6

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55	Determination of carbetamide in groundwater by micro liquid-liquid extraction and gas chromatography-mass spectrometry. <i>Chromatographia</i> , 2000, 52, 233-236.	1.3	6
56	Dispersive Liquid-Liquid Microextraction Followed by Capillary High-Performance Liquid Chromatography for the Determination of Six Sulfonylurea Herbicides in Fruit Juices. <i>Food Analytical Methods</i> , 2013, 7, 1465.	2.6	6
57	Laser-Excited Synchronous Fluorescence System for the Analysis of Polycyclic Aromatic Compounds. <i>Polycyclic Aromatic Compounds</i> , 1996, 9, 265-272.	2.6	3
58	Development of Methodologies for Different Degrees of Resolution of Linear Alkylbenzene Sulfonates in Groundwater and Wastewater by Liquid Chromatography Using Sodium Dodecyl Sulphate. <i>Chromatographia</i> , 2004, 60, .	1.3	2