

Alberto NavalÃ³n

List of Publications by Year in descending order

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62
papers

1,856
citations

236612

25
h-index

264894

42
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62
all docs

62
docs citations

62
times ranked

2064
citing authors

#	ARTICLE	IF	CITATIONS
1	A new liquid chromatographyâ€“tandem mass spectrometry method for determination of parabens in human placental tissue samples. <i>Talanta</i> , 2011, 84, 702-709.	2.9	91
2	Determination of Bisphenol A and its chlorinated derivatives in placental tissue samples by liquid chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 3363-3369.	1.2	90
3	UHPLCâ€“MS/MS method for the determination of bisphenol A and its chlorinated derivatives, bisphenol S, parabens, and benzophenones in human urine samples. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3773-3785.	1.9	82
4	Determination of oxadiazon residues by headspace solid-phase microextraction and gas chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 946, 239-245.	1.8	77
5	A multiclass method for the analysis of endocrine disrupting chemicals in human urine samples. Sample treatment by dispersive liquidâ€“liquid microextraction. <i>Talanta</i> , 2014, 129, 209-218.	2.9	75
6	Determination of benzophenones in human placental tissue samples by liquid chromatographyâ€“tandem mass spectrometry. <i>Talanta</i> , 2011, 85, 1848-1855.	2.9	72
7	Multiclass method for the determination of quinolones and β -lactams, in raw cow milk using dispersive liquidâ€“liquid microextraction and ultra high performance liquid chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1356, 10-22.	1.8	72
8	Analytical methods for the determination of personal care products in human samples: An overview. <i>Talanta</i> , 2014, 129, 448-458.	2.9	68
9	Gas chromatography and ultra high performance liquid chromatography tandem mass spectrometry methods for the determination of selected endocrine disrupting chemicals in human breast milk after stir-bar sorptive extraction. <i>Journal of Chromatography A</i> , 2014, 1349, 69-79.	1.8	64
10	Analytical methods for the assessment of endocrine disrupting chemical exposure during human fetal and lactation stages: A review. <i>Analytica Chimica Acta</i> , 2015, 892, 27-48.	2.6	64
11	Determination of pyrimethanil and kresoxim-methyl in green groceries by headspace solid-phase microextraction and gas chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 975, 355-360.	1.8	63
12	Simultaneous determination of quinolone and β -lactam residues in raw cow milk samples using ultrasound-assisted extraction and dispersive-SPE prior to UHPLCâ€“MS/MS analysis. <i>Food Control</i> , 2016, 60, 382-393.	2.8	63
13	Differential-pulse polarographic determination of the insecticide imidacloprid in commercial formulations. <i>Mikrochimica Acta</i> , 1999, 130, 261-265.	2.5	61
14	A new method for the determination of benzophenone-UV filters in human serum samples by dispersive liquidâ€“liquid microextraction with liquid chromatographyâ€“tandem mass spectrometry. <i>Talanta</i> , 2014, 121, 97-104.	2.9	56
15	Simplified matrix solid phase dispersion procedure for the determination of parabens and benzophenone-ultraviolet filters in human placental tissue samples. <i>Journal of Chromatography A</i> , 2014, 1371, 39-47.	1.8	55
16	Determination of benzophenone-UV filters in human milk samples using ultrasound-assisted extraction and clean-up with dispersive sorbents followed by UHPLCâ€“MS/MS analysis. <i>Talanta</i> , 2015, 134, 657-664.	2.9	54
17	Simultaneous determination of the UV-filters benzyl salicylate, phenyl salicylate, octyl salicylate, homosalate, 3-(4-methylbenzylidene) camphor and 3-benzylidene camphor in human placental tissue by LCâ€“MS/MS. Assessment of their in vitro endocrine activity. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 936, 80-87.	1.2	51
18	A multiresidue method for the determination of selected endocrine disrupting chemicals in human breast milk based on a simple extraction procedure. <i>Talanta</i> , 2014, 130, 561-570.	2.9	50

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19	New method for the determination of parabens and bisphenol A in human milk samples using ultrasound-assisted extraction and clean-up with dispersive sorbents prior to UHPLC-MS/MS analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 992, 47-55.	1.2	40
20	Stir-membrane solid-liquid-liquid microextraction for the determination of parabens in human breast milk samples by ultra high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1354, 26-33.	1.8	39
21	A new treatment by dispersive liquid-liquid microextraction for the determination of parabens in human serum samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7259-7267.	1.9	37
22	A multiclass method for endocrine disrupting chemical residue analysis in human placental tissue samples by UHPLC-MS/MS. <i>Analytical Methods</i> , 2011, 3, 2073.	1.3	36
23	Assessment of parabens and ultraviolet filters in human placenta tissue by ultrasound-assisted extraction and ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1487, 153-161.	1.8	36
24	Biomonitoring of 21 endocrine disrupting chemicals in human hair samples using ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Chemosphere</i> , 2017, 168, 676-684.	4.2	35
25	Matrix solid phase dispersion for the extraction of selected endocrine disrupting chemicals from human placental tissue prior to UHPLC-MS/MS analysis. <i>Microchemical Journal</i> , 2015, 118, 32-39.	2.3	34
26	Analysis of 17 neurotransmitters, metabolites and precursors in zebrafish through the life cycle using ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1001, 191-201.	1.2	25
27	Determination of bisphenol-a and related compounds in human saliva by gas chromatography-mass spectrometry. <i>Chromatographia</i> , 2002, 56, 213-218.	0.7	24
28	Determination of quinolone residues in raw cow milk. Application of polar stir-bars and ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 1127-1138.	1.1	22
29	Determination of endocrine disrupting chemicals in human nails using an alkaline digestion prior to ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2020, 208, 120429.	2.9	21
30	Simple Multiresidue Determination of Fluoroquinolones in Bovine Milk by Liquid Chromatography with Fluorescence Detection. <i>Analytical Letters</i> , 2007, 40, 779-791.	1.0	20
31	Determination of pyrimethanil and kresoxim-methyl in soils by headspace solid-phase microextraction and gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 1100-5.	1.9	19
32	SPECTROFLUORIMETRIC DETERMINATION OF ACETYLSALICYLIC ACID AND CODEINE MIXTURES IN PHARMACEUTICALS. <i>Analytical Letters</i> , 2001, 34, 579-595.	1.0	15
33	Determination of Trace Amounts of Carbaryl in Water by Solid Phase Spectrofluorimetry. <i>International Journal of Environmental Analytical Chemistry</i> , 1993, 53, 139-149.	1.8	14
34	Determination of tebufenpyrad and oxadiazon by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Chromatographia</i> , 2001, 54, 377-382.	0.7	13
35	Validated method for the determination of perfluorinated compounds in placental tissue samples based on a simple extraction procedure followed by ultra-high performance liquid chromatography-tandem mass spectrometry analysis. <i>Talanta</i> , 2016, 150, 169-176.	2.9	13
36	Determination of 1-naphthylacetic acid in commercial formulations and natural waters by solid-phase spectrofluorimetry. <i>Mikrochimica Acta</i> , 1997, 126, 33-38.	2.5	12

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37	Micelle-Enhanced Spectrofluorimetric Method for the Determination of Antibacterial Trovafloxacin in Human Urine and Serum. <i>Mikrochimica Acta</i> , 2005, 150, 247-252.	2.5	12
38	Determination of Danofloxacin and Marbofloxacin in Milk Samples by Micellar Liquid Chromatography with Fluorescence Detection. <i>Analytical Letters</i> , 2007, 40, 601-613.	1.0	12
39	Comparison of Three Analytical Methods for the Determination of Quinolones in Pig Muscle Samples. <i>Chromatographia</i> , 2013, 76, 707-713.	0.7	12
40	Determination of ultraviolet filters in human nails using an acid sample digestion followed by ultra-high performance liquid chromatographyâ€“mass spectrometry analysis. <i>Chemosphere</i> , 2021, 273, 128603.	4.2	12
41	Determination of boron with chromotropic acid by first-derivative synchronous spectrofluorimetry. <i>Fresenius' Journal of Analytical Chemistry</i> , 1991, 340, 6-10.	1.5	11
42	Optimization of the composition and pH of the mobile phase used for separation and determination of a series of quinolone antibacterials regulated by the European Union. <i>Chromatographia</i> , 2002, 56, 413-421.	0.7	11
43	Determination of (1,1'-biphenyl)-2-ol residues in waters by solid phase spectrofluorimetry. <i>Fresenius' Journal of Analytical Chemistry</i> , 1993, 345, 716-719.	1.5	10
44	Determination of grepafloxacin and clinafloxacin by capillary zone electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 772, 65-72.	1.2	10
45	Effect of the injection of pure oxygen into a membrane bioreactor on the elimination of bisphenol A. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 9-20.	1.8	10
46	Determination of ciprofloxacin in human urine and serum samples by solid-phase spectrofluorimetry. <i>Talanta</i> , 2000, 52, 845-52.	2.9	10
47	Determination of Trace Amounts of Molybdenum in Waters with Carminic Acid by Ion-Exchange Spectrofluorimetry. <i>Analytical Letters</i> , 1994, 27, 2355-2368.	1.0	9
48	Application of Isotope Dilution to the Determination of Anthracene in Environmental Samples by Headspace Solid-Phase Microextraction and Gas Chromatographyâ€“Mass Spectrometry. <i>Mikrochimica Acta</i> , 2006, 155, 435-439.	2.5	9
49	Development of a New Microextraction Fiber Combined to On-Line Sample Stacking Capillary Electrophoresis UV Detection for Acidic Drugs Determination in Real Water Samples. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 739.	1.2	9
50	Determination of the Antibacterial Drug Enrofloxacin by Solid-Phase Spectrofluorimetry. <i>Mikrochimica Acta</i> , 2004, 148, 227-233.	2.5	8
51	DETERMINATION OF THE ANTIBACTERIAL DRUG TROVAFLOXACIN BY SOLID-PHASE SPECTROFLUORIMETRY. <i>Analytical Letters</i> , 2002, 35, 257-268.	1.0	6
52	Polar stir bars for isolation and preconcentration of perfluoroalkyl substances from human milk samples prior to UHPLCâ€“MS/MS analysis. <i>Bioanalysis</i> , 2016, 8, 633-647.	0.6	6
53	Simultaneous determination of naproxen, salicylic acid and acetylsalicylic acid by spectrofluorimetry using partial least-squares (PLS) multivariate calibration. <i>Talanta</i> , 1999, 48, 469-75.	2.9	6
54	Determination of Bentazone in Waters by Solid-Phase Spectrofluorimetry. <i>Journal of AOAC INTERNATIONAL</i> , 1996, 79, 567-570.	0.7	5

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55	Capillary zone electrophoretic determination of tosufloxacin and trovafloxacin in urine. <i>Chromatographia</i> , 2002, 56, 351-356.	0.7	5
56	Sensitive gas chromatographic-mass spectrometric (GC-MS) method for the determination of bisphenol A in rice-prepared dishes. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2009, 26, 1209-1216.	1.1	5
57	Evaluation of the levels of alcohol sulfates and ethoxysulfates in marine sediments near wastewater discharge points along the coast of Tenerife Island. <i>Marine Pollution Bulletin</i> , 2014, 79, 107-113.	2.3	5
58	Spectrofluorimetric Determination of Gallium with 5-Bromosalicylidene-o-Aminophenol. <i>Analytical Letters</i> , 1990, 23, 1907-1920.	1.0	4
59	DETERMINATION OF CARBETAMIDE IN WATER BY MICRO LIQUID-LIQUID EXTRACTION FOLLOWED BY HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001, 24, 355-366.	0.5	4
60	Simultaneous Determination of 4-(Indol-3-yl)Butyric and $\hat{\pm}$ -Naphthalene Acetic Acids in Commercial Formulations by First-Derivative Spectrofluorimetry. <i>Analytical Letters</i> , 1996, 29, 233-248.	1.0	2
61	Determination of Sulfohenyl Carboxylic Acids in Agricultural Groundwater Samples by Liquid Chromatography with Fluorescence Detection. <i>Analytical Letters</i> , 2008, 41, 1785-1801.	1.0	0
62	Seasonal Variations in the Behavior of Alcohol Sulfates in Agricultural Soils: a Field Study. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	0