

MarÃ-a Dolores Marazuela

List of Publications by Year in descending order

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29
papers

2,003
citations

279701

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docs citations

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times ranked

2429
citing authors

#	ARTICLE	IF	CITATIONS
1	Fiber-optic biosensors – an overview. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 372, 664-682.	1.9	291
2	Combined biological and chemical assessment of estrogenic activities in wastewater treatment plant effluents. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 688-696.	1.9	214
3	An overview of sample preparation procedures for LC-MS multiclass antibiotic determination in environmental and food samples. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 921-946.	1.9	147
4	Multiresidue determination of fluoroquinolones in milk by column liquid chromatography with fluorescence and ultraviolet absorbance detection. <i>Journal of Chromatography A</i> , 2004, 1034, 25-32.	1.8	126
5	A review of novel strategies of sample preparation for the determination of antibacterial residues in foodstuffs using liquid chromatography-based analytical methods. <i>Analytica Chimica Acta</i> , 2009, 645, 5-17.	2.6	110
6	Molecularly imprinted polymers with a streamlined mimic for zearalenone analysis. <i>Journal of Chromatography A</i> , 2006, 1116, 127-134.	1.8	102
7	Multiresidue Determination of Ultratrace Levels of Fluoroquinolone Antimicrobials in Drinking and Aquaculture Water Samples by Automated Online Molecularly Imprinted Solid Phase Extraction and Liquid Chromatography. <i>Analytical Chemistry</i> , 2011, 83, 2046-2055.	3.2	102
8	Fiber optic monitoring of carbamate pesticides using porous glass with covalently bound chlorophenol red. <i>Biosensors and Bioelectronics</i> , 2000, 14, 895-905.	5.3	100
9	Luminescent Nafion Membranes Dyed with Ruthenium(II) Complexes as Sensing Materials for Dissolved Oxygen. <i>Langmuir</i> , 1999, 15, 6451-6459.	1.6	79
10	Development of a new sample pretreatment procedure based on pressurized liquid extraction for the determination of fluoroquinolone residues in table eggs. <i>Journal of Chromatography A</i> , 2007, 1140, 63-70.	1.8	73
11	An SPR biosensor for the detection of microcystins in drinking water. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2625-2634.	1.9	73
12	Molecularly imprinted polymers applied to the clean-up of zearalenone and \pm -zearalenol from cereal and swine feed sample extracts. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 1155-1161.	1.9	68
13	Analysis for zearalenone and \pm -zearalenol in cereals and swine feed using accelerated solvent extraction and liquid chromatography with fluorescence detection. <i>Analytica Chimica Acta</i> , 2004, 524, 175-183.	2.6	62
14	Free cholesterol fiber-optic biosensor for serum samples with simplex optimization. <i>Biosensors and Bioelectronics</i> , 1997, 12, 233-240.	5.3	61
15	Fiber-optic sensing of carbon dioxide based on excited-state proton transfer to a luminescent ruthenium(II) complex. <i>Analytical Chemistry</i> , 1992, 64, 2210-2215.	3.2	53
16	Multiresidue determination of fluoroquinolone antimicrobials in baby foods by liquid chromatography. <i>Food Chemistry</i> , 2011, 127, 1354-1360.	4.2	46
17	Phototransformation of model micropollutants in water samples by photocatalytic singlet oxygen production in heterogeneous medium. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 445-455.	10.8	45
18	Development and validation of a solid-phase extraction method coupled to liquid chromatography with fluorescence detection for the determination of fluoroquinolone residues in powdered infant formulae. <i>Journal of Chromatography A</i> , 2008, 1209, 136-144.	1.8	44

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19	Enhanced performance of a fibre-optic luminescence CO ₂ sensor using carbonic anhydrase. <i>Sensors and Actuators B: Chemical</i> , 1995, 29, 126-131.	4.0	40
20	Optimization of a pressurized liquid extraction method by experimental design methodologies for the determination of fluoroquinolone residues in infant foods by liquid chromatography. <i>Journal of Chromatography A</i> , 2010, 1217, 605-613.	1.8	39
21	Automated portable array biosensor for multisample microcystin analysis in freshwater samples. <i>Biosensors and Bioelectronics</i> , 2012, 33, 50-55.	5.3	36
22	Determination of choline-containing phospholipids in serum with a fiber-optic biosensor. <i>Analytica Chimica Acta</i> , 1998, 374, 19-29.	2.6	31
23	Preparation of antibodies and development of a sensitive immunoassay with fluorescence detection for triazine herbicides. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1801-1812.	1.9	29
24	Comparison of sample preparation strategies for target analysis of total thyroid hormones levels in serum by liquid chromatography-quadrupole time-of-flight-mass spectrometry. <i>Talanta</i> , 2017, 164, 570-579.	2.9	13
25	Determination of veterinary drug residues in foods by liquid chromatography-mass spectrometry: Basic and cutting-edge applications. , 2017, , 539-570.		6
26	<title>Intensity- and lifetime-based luminescence optosensing of carbon dioxide</title>. , 1995, 2508, 18.		4
27	Lipidomics Reveals Cisplatin-Induced Renal Lipid Alterations during Acute Kidney Injury and Their Attenuation by Cilastatin. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12521.	1.8	4
28	Determination of Veterinary Drug Residues in Foods by Liquid Chromatographyâ€“Mass Spectrometry. , 2013, , 455-476.		3
29	Fibre-optic chemical sensors. , 1998, , 103-115.		2