

Ana Maria Contento Salcedo

List of Publications by Year in descending order

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47
papers

1,047
citations

361045

20
h-index

454577

30
g-index

47
all docs

47
docs citations

47
times ranked

1203
citing authors

#	ARTICLE	IF	CITATIONS
1	Innovative and versatile nanoplasmonic approach for the full sensing of proteinogenic aminoacids in nutritional supplements. <i>Talanta</i> , 2022, 237, 122976.	2.9	0
2	Graphene quantum dots an efficient nanomaterial for enhancing the photostability of trans-resveratrol in food samples. <i>Food Chemistry</i> , 2022, 386, 132766.	4.2	11
3	Cyclodextrin-modified graphene quantum dots as a novel additive for the selective separation of bioactive compounds by capillary electrophoresis. <i>Mikrochimica Acta</i> , 2021, 188, 440.	2.5	7
4	Discrimination between nanocurcumin and free curcumin using graphene quantum dots as a selective fluorescence probe. <i>Mikrochimica Acta</i> , 2020, 187, 446.	2.5	15
5	Erythrosine B " coated gold nanoparticles as an analytical sensing tool for the proper determination of both compounds based on surface-enhanced Raman spectroscopy. <i>Microchemical Journal</i> , 2020, 157, 104937.	2.3	8
6	A screen-printed electrode modified with silver nanoparticles and carbon nanofibers in a nafion matrix for ionic liquid-based dispersive liquid-liquid microextraction and voltammetric assay of heterocyclic amine 8-MelQx in food. <i>Mikrochimica Acta</i> , 2020, 187, 190.	2.5	11
7	Development and Validation of an Electrochemical Screening Methodology for Sulfonamide Residue Control in Milk Samples Using a Graphene Quantum Dots@Nafion Modified Glassy Carbon Electrode. <i>Food Analytical Methods</i> , 2018, 11, 1711-1721.	1.3	14
8	Determination of vanillin by using gold nanoparticle-modified screen-printed carbon electrode modified with graphene quantum dots and Nafion. <i>Mikrochimica Acta</i> , 2018, 185, 204.	2.5	30
9	Discrimination of penicillamine enantiomers using β -cyclodextrin modified CdSe/ZnS quantum dots. <i>Mikrochimica Acta</i> , 2017, 184, 815-824.	2.5	34
10	Analysis of penicillamine using Cu-modified graphene quantum dots synthesized from uric acid as single precursor. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 324-331.	2.4	32
11	Determination of mutagenic amines in water and food samples by high pressure liquid chromatography with amperometric detection using a multiwall carbon nanotubes-glassy carbon electrode. <i>Food Chemistry</i> , 2016, 192, 343-350.	4.2	10
12	A continuous method incorporating β -cyclodextrin modified CdSe/ZnS quantum dots for determination of ascorbic acid. <i>Analytical Methods</i> , 2015, 7, 3472-3479.	1.3	12
13	β -Cyclodextrin coated CdSe/ZnS quantum dots for vanillin sensing in food samples. <i>Talanta</i> , 2015, 131, 286-291.	2.9	46
14	Sensing Strategies Using Quantum Dots: A Critical View. <i>Current Organic Chemistry</i> , 2015, 19, 1134-1149.	0.9	6
15	Determination of sulfonamides in milk samples by HPLC with amperometric detection using a glassy carbon electrode modified with multiwalled carbon nanotubes. <i>Journal of Separation Science</i> , 2014, 37, 382-389.	1.3	20
16	Microwave-assisted synthesis of water soluble thiol capped CdSe/ZnS quantum dots and its interaction with sulfonylurea herbicides. <i>Journal of Colloid and Interface Science</i> , 2014, 428, 235-241.	5.0	32
17	Validation of a screening method for the rapid control of sulfonamide residues based on electrochemical detection using multiwalled carbon nanotubes-glassy carbon electrodes. <i>Analytical Methods</i> , 2013, 5, 6821.	1.3	25
18	Use of Cdse/ZnS quantum dots for sensitive detection and quantification of paraquat in water samples. <i>Analytica Chimica Acta</i> , 2013, 801, 84-90.	2.6	43

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19	Determination of neonicotinoid insecticides in environmental samples by micellar electrokinetic chromatography using solid-phase treatments. <i>Electrophoresis</i> , 2012, 33, 2969-2977.	1.3	26
20	Determination of morphine, codeine, and paclitaxel in human serum and plasma by micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , 2012, 35, 2297-2306.	1.3	10
21	Direct and fast determination of paclitaxel, morphine and codeine in urine by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2012, 1231, 66-72.	1.8	29
22	Rapid screening of poly(ethylene glycol) polymers by C18 column-flow injection with piezoelectric detection system. <i>Microchemical Journal</i> , 2012, 103, 135-141.	2.3	1
23	Simplified determination of bacterial contamination by <i>Escherichia coli</i> using a flow injection system with piezoelectric detection. <i>Mikrochimica Acta</i> , 2011, 172, 447-454.	2.5	6
24	Analytical characterization of alcohol-ethoxylate substances by instrumental separation techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1018-1034.	5.8	12
25	Analytical characterization of PEG polymers by MEKC. <i>Electrophoresis</i> , 2010, 31, 679-687.	1.3	7
26	State-of-the-Art of (Bio)Chemical Sensor Developments in Analytical Spanish Groups. <i>Sensors</i> , 2010, 10, 2511-2576.	2.1	29
27	Rapid quantitative analysis of letrozole, fluoxetine and their metabolites in biological and environmental samples by MEKC. <i>Electrophoresis</i> , 2009, 30, 624-632.	1.3	15
28	Development of a novel biotoxicity screening assay for analytical use. <i>Chemosphere</i> , 2009, 76, 959-966.	4.2	1
29	Characterization and analytical validation of a microcantilever-based sensor for the determination of total carbonate in soil samples. <i>Sensors and Actuators B: Chemical</i> , 2008, 134, 245-251.	4.0	14
30	Micellar electrokinetic chromatographic screening of letrozole and its metabolite in human urine: Validation and robustness/ruggedness evaluation. <i>Electrophoresis</i> , 2008, 29, 811-818.	1.3	7
31	Nonaqueous capillary electrophoresis method for the analysis of gleevec and its main metabolite in human urine. <i>Journal of Chromatography A</i> , 2005, 1068, 175-182.	1.8	25
32	Development and validation method for determination of Paroxetine and its metabolites by nonaqueous capillary electrophoresis in human urine. Experimental design for evaluating the ruggedness of the method. <i>Electrophoresis</i> , 2004, 25, 454-462.	1.3	19
33	Development of a Capillary Zone Electrophoretic method to determine six antidepressants in their pharmaceutical preparations. Experimental design for evaluating the ruggedness of method. <i>Journal of Separation Science</i> , 2004, 27, 33-40.	1.3	39
34	Determination of drugs used in advanced breast cancer by capillary gas chromatography of pharmaceutical formulations. <i>Journal of Separation Science</i> , 2003, 26, 908-914.	1.3	22
35	Capillary gas chromatographic determination of Tamoxifen in the presence of a number of antidepressants in urine. <i>Journal of Separation Science</i> , 2003, 26, 915-922.	1.3	14
36	Method development and validation for the simultaneous determination of five selective serotonin reuptake inhibitors by capillary zone electrophoresis. <i>Chromatographia</i> , 2002, 55, 369-373.	0.7	19

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37	Validation of a capillary gas chromatographic method for the determination of Sildenafil Citrate in its pharmaceutical formulations (Viagra). Experimental design for evaluating the ruggedness of the method. <i>Chromatographia</i> , 2002, 55, 601-606.	0.7	25
38	Sensitive and rapid high-performance liquid chromatographic method for simultaneous determination of antidepressants in pharmaceutical formulations. <i>Chromatographia</i> , 2002, 56, 545-551.	0.7	19
39	Micellar electrokinetic capillary chromatography for the determination of fluoxetine and its metabolite norfluoxetine in biological fluids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 769, 261-268.	1.2	21
40	Determination of Fluoxetine, Fluvoxamine, and Clomipramine in Pharmaceutical Formulations by Capillary Gas Chromatography. <i>Journal of Chromatographic Science</i> , 2000, 38, 200-206.	0.7	57
41	Spectrophotometric Simultaneous Determination of Amaranth, Ponceau 4R, Allura Red and Red 2G by Partial Least Squares and Principal Component Regression Multivariate Calibration. <i>Analytical Letters</i> , 1999, 32, 1879-1898.	1.0	23
42	Simultaneous determination of cis- and trans-resveratrol in wines by capillary zone electrophoresis. <i>Analyst</i> , 1999, 124, 61-66.	1.7	45
43	Experimental and statistical approach for validating and HPLC assay for the determination of vitamin A in flour and milk powder for children. <i>Chromatographia</i> , 1998, 47, 716-720.	0.7	8
44	Resolution of ternary mixtures of Tartrazine, Sunset yellow and Ponceau 4R by derivative spectrophotometric ratio spectrum-zero crossing method in commercial foods. <i>Talanta</i> , 1998, 46, 933-942.	2.9	64
45	A Reverse Phase HPLC Method to Determine Six Food Dyes Using Buffered Mobile Phase.. <i>Analytical Letters</i> , 1998, 31, 2513-2535.	1.0	22
46	Simultaneous spectrophotometric determination of three food dyes by using the first derivative of ratio spectra. <i>Talanta</i> , 1995, 42, 2043-2051.	2.9	88
47	Simultaneous determination of carminic acid, riboflavine, curcumin and erythrosine by derivative spectrophotometry and ratio spectra derivative. <i>Talanta</i> , 1994, 41, 789-797.	2.9	24