

Mercedes Torre

List of Publications by Year in descending order

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42
papers

1,459
citations

331259

21
h-index

315357

38
g-index

42
all docs

42
docs citations

42
times ranked

1274
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of dietary fiber and phytic acid on mineral availability. <i>Critical Reviews in Food Science and Nutrition</i> , 1991, 30, 1-22.	5.4	225
2	Composition and characterization of soyabean and related products. <i>Critical Reviews in Food Science and Nutrition</i> , 1997, 37, 361-391.	5.4	192
3	Study of the interactions of calcium ions with lignin, cellulose, and pectin. <i>Journal of Agricultural and Food Chemistry</i> , 1992, 40, 1762-1766.	2.4	81
4	Analytical techniques in the study of highly-nitrated nitrocellulose. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1740-1755.	5.8	81
5	Analysis of Soyabean Proteins in Meat Products: A Review. <i>Critical Reviews in Food Science and Nutrition</i> , 2002, 42, 507-532.	5.4	79
6	Perfusion chromatography: an emergent technique for the analysis of food proteins. <i>Journal of Chromatography A</i> , 2000, 880, 169-187.	1.8	63
7	The State of the Art of Ligand-Loaded Complexing Resins. Characteristics and Applications. <i>Critical Reviews in Analytical Chemistry</i> , 1994, 24, 327-361.	1.8	59
8	Applications of laser-ablation-inductively-coupled plasma-mass spectrometry in chemical analysis of forensic evidence. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 42, 1-34.	5.8	53
9	Forensic discrimination of blue ballpoint pens on documents by laser ablation inductively coupled plasma mass spectrometry and multivariate analysis. <i>Forensic Science International</i> , 2013, 228, 1-7.	1.3	46
10	Interactions of Fe(II), Ca(II) and Fe(III) with high dietary fibre materials: A physicochemical approach. <i>Food Chemistry</i> , 1995, 54, 23-31.	4.2	39
11	New protocol for the isolation of nitrocellulose from gunpowders: Utility in their identification. <i>Talanta</i> , 2010, 81, 1742-1749.	2.9	39
12	Perfusion liquid chromatography of whey proteins. <i>Journal of Chromatography A</i> , 1996, 729, 99-111.	1.8	38
13	Chemical characterization of commercial soybean products. <i>Food Chemistry</i> , 1998, 62, 325-331.	4.2	35
14	Rapid separation of soybean globulins by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1997, 758, 75-83.	1.8	32
15	A Perfusion Reversed-Phase Chromatographic Method for Ultrarapid Determination of Soybean Proteins in Soybean Infant Formulas and Soybean Milks: Method Development and Validation. <i>Journal of Chromatographic Science</i> , 1998, 36, 527-534.	0.7	28
16	Simultaneous Separation of Soya Bean and Animal Whey Proteins by Reversed-Phase High-Performance Liquid Chromatography. Quantitative Analysis in Edible Samples. <i>Analytical Chemistry</i> , 1997, 69, 2217-2220.	3.2	27
17	A Reversed-Phase High-Performance Liquid Chromatographic Method for the Determination of Soya Bean Proteins in Bovine Milks. <i>Analytical Chemistry</i> , 2000, 72, 1814-1818.	3.2	27
18	Determination of the nitrogen content of nitrocellulose from smokeless gunpowders and collodions by alkaline hydrolysis and ion chromatography. <i>Analytica Chimica Acta</i> , 2011, 685, 196-203.	2.6	26

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19	Determination of nitrocellulose by capillary electrophoresis with laser-induced fluorescence detection. <i>Analytica Chimica Acta</i> , 2012, 745, 149-155.	2.6	26
20	Statistical approach for ATR-FTIR screening of semen in sexual evidence. <i>Talanta</i> , 2017, 174, 853-857.	2.9	23
21	Ultrarapid detection of bovine whey proteins in powdered soybean milk by perfusion reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1998, 822, 225-232.	1.8	22
22	Diphenylamine and derivatives as predictors of gunpowder age by means of HPLC and statistical models. <i>Talanta</i> , 2013, 103, 214-220.	2.9	22
23	Capillary electrophoresis. <i>Talanta</i> , 1994, 41, 1411-1433.	2.9	21
24	Characterization of commercial soybean products by conventional and perfusion reversed-phase high-performance liquid chromatography and multivariate analysis. <i>Journal of Chromatography A</i> , 2000, 881, 47-57.	1.8	21
25	Analysis of bovine whey proteins in soybean dairy-like products by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1999, 859, 77-86.	1.8	20
26	Determination of dietary fibre in cider wastes. Comparison of methods. <i>Food Chemistry</i> , 1989, 33, 151-159.	4.2	17
27	Investigation of the use of luminescent markers as gunshot residue indicators. <i>Forensic Science International</i> , 2017, 280, 95-102.	1.3	16
28	Determination of polychlorinated biphenyls in soybean infant formulas by gas chromatography. <i>Journal of Chromatography A</i> , 1998, 823, 365-372.	1.8	15
29	Characterization and quantitation of soybean proteins in commercial soybean products by capillary electrophoresis. <i>Electrophoresis</i> , 1999, 20, 2003-2012.	1.3	13
30	Gas chromatography determination of polychlorinated biphenyls in powdered and liquid soybean milks. <i>Journal of Chromatography A</i> , 1998, 815, 272-277.	1.8	9
31	Determination by perfusion reversed-phase high-performance liquid chromatography of the soybean protein content of commercial soybean products prepared directly from whole soybeans. <i>Journal of Chromatography A</i> , 2000, 881, 37-46.	1.8	9
32	Improvement in Retinol Analysis by Fluorescence and Solid Phase Extraction (SPE) in Micellar Medium. <i>Journal of Fluorescence</i> , 2008, 18, 487-497.	1.3	8
33	Study of Analytical Methods for Iron Determination in Complex Organic Liquids by Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 1990, 23, 1519-1536.	1.0	7
34	Study of losses of volatile compounds from dynamites. Investigation of cross-contamination between dynamites stored in polyethylene bags. <i>Forensic Science International</i> , 2011, 211, 27-33.	1.3	7
35	Validation of an analytical method for the refractive index measurement of glass fragments. Application to a hit-and-run incident. <i>Analytical Methods</i> , 2013, 5, 1178.	1.3	7
36	Influence of the organic modifier and the ion-pairing agent in the mobile phase on the separation of soya bean proteins by perfusion liquid chromatography. Analysis of commercial dairylike soya bean products using multivariate techniques. <i>Journal of Separation Science</i> , 2003, 26, 1363-1375.	1.3	6

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37	DETERMINATION OF THE SOYBEAN PROTEIN CONTENT IN SOYBEAN LIQUID MILKS BY REVERSED-PHASE HPLC. Journal of Liquid Chromatography and Related Technologies, 2000, 23, 3165-3174.	0.5	5
38	Retinol fluorescence: a simple method to differentiate different bilayer morphologies. Colloid and Polymer Science, 2009, 287, 951-959.	1.0	5
39	USE OF PHASTGEL SODIUM DODECYL SULPHATE POLYACRYLAMIDE GEL ELECTROPHORESIS FOR RAPID CHARACTERIZATION OF SOYBEAN PROTEINS IN COMMERCIAL SOYBEAN PRODUCTS. Journal of Liquid Chromatography and Related Technologies, 2000, 23, 2021-2031.	0.5	4
40	Effects of Extremely Low Frequency Magnetic Fields on Blood Coagulation in Mice: An Initial Study. Electromagnetic Biology and Medicine, 2003, 22, 133-147.	0.7	3
41	Determination of ethylene glycol dinitrate in dynamites using HPLC: Application to the plastic explosive Gomaâ€ ECO. Journal of Separation Science, 2011, 34, 3353-3358.	1.3	2
42	Retinol fluorescence in lecithin/n-butanol/water aggregates: a new improvement for its analysis in cosmetics without pretreatment. Analytical and Bioanalytical Chemistry, 2011, 399, 851-859.	1.9	1