

Ca Fente

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75 papers	1,908 citations	25 h-index	41 g-index
77 ext. papers	2,109 ext. citations	4.4 avg, IF	4.35 L-index

#	Paper	IF	Citations
75	Review of methods for analysis of carotenoids. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 56, 49-73	14.6	155
74	Application of the assay of aflatoxins by liquid chromatography with fluorescence detection in food analysis. <i>Journal of Chromatography A</i> , 2000 , 882, 1-10	4.5	144
73	Inhibitory effects of eugenol and thymol on <i>Penicillium citrinum</i> strains in culture media and cheese. <i>International Journal of Food Microbiology</i> , 2001 , 67, 157-63	5.8	109
72	Determination of quinolones in animal tissues and eggs by high-performance liquid chromatography with photodiode-array detection. <i>Journal of Chromatography A</i> , 2000 , 871, 31-6	4.5	92
71	Syntheses of molecularly imprinted polymers: Molecular recognition of cyproheptadine using original print molecules and azatadine as dummy templates. <i>Analytica Chimica Acta</i> , 2009 , 631, 237-44	6.6	83
70	New additive for culture media for rapid identification of aflatoxin-producing <i>Aspergillus</i> strains. <i>Applied and Environmental Microbiology</i> , 2001 , 67, 4858-62	4.8	64
69	Antimicrobial resistance in Enterobacteriaceae strains isolated from organic chicken, conventional chicken and conventional turkey meat: A comparative survey. <i>Food Control</i> , 2008 , 19, 412-416	6.2	55
68	Simultaneous high-performance liquid chromatographic determination of ochratoxin A and citrinin in cheese by time-resolved luminescence using terbium. <i>Journal of Chromatography A</i> , 1996 , 727, 185-193	4.5	51
67	Study of enrofloxacin depletion in the eggs of laying hens using diphasic dialysis extraction/purification and determinative HPLC-MS analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 2849-52	5.7	46
66	Rapid method for quantification of nine sulfonamides in bovine milk using HPLC/MS/MS and without using SPE. <i>Food Chemistry</i> , 2013 , 141, 2294-9	8.5	45
65	Simple and sensitive high-performance liquid chromatography--fluorescence method for the determination of citrinin application to the analysis of fungal cultures and cheese extracts. <i>Journal of Chromatography A</i> , 1996 , 723, 69-75	4.5	44
64	Development of a Hamburger Patty with Healthier Lipid Formulation and Study of its Nutritional, Sensory, and Stability Properties. <i>Food and Bioprocess Technology</i> , 2012 , 5, 200-208	5.1	43
63	Determination of the Principal Sources of <i>Listeria</i> spp. Contamination in Poultry Meat and a Poultry Processing Plant. <i>Journal of Food Protection</i> , 1995 , 58, 1320-1325	2.5	43
62	Quantitative LC-MS/MS method for the sensitive and simultaneous determination of natural hormones in bovine serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 2457-64	3.2	39
61	Metabolomic approach based on liquid chromatography coupled to high resolution mass spectrometry to screen for the illegal use of estradiol and progesterone in cattle. <i>Analytica Chimica Acta</i> , 2011 , 700, 16-25	6.6	37
60	Determination of clenbuterol residues in bovine hair by using diphasic dialysis and gas chromatography-mass spectrometry. <i>Biomedical Applications</i> , 1999 , 726, 133-9		34
59	Interaction between cyclodextrins and aflatoxins Q1, M1 and P1. Fluorescence and chromatographic studies. <i>Journal of Chromatography A</i> , 1998 , 815, 21-9	4.5	33

58	A facile method for the fabrication of magnetic molecularly imprinted stir-bars: A practical example with aflatoxins in baby foods. <i>Journal of Chromatography A</i> , 2016 , 1471, 51-59	4.5	3 ¹
57	Development of a multi-class method for the identification and quantification of residues of antibiotics, coccidiostats and corticosteroids in milk by liquid chromatography tandem mass spectrometry. <i>International Dairy Journal</i> , 2012 , 22, 78-85	3.5	3 ¹
56	Postcolumn excitation of aflatoxins using cyclodextrins in liquid chromatography for food analysis. <i>Journal of Chromatography A</i> , 1996 , 721, 69-74	4.5	3 ¹
55	Shelf life extension of beef retail cuts subjected to an advanced vacuum skin packaging system. <i>European Food Research and Technology</i> , 2004 , 218, 118-122	3.4	3 ⁰
54	Evolution of resistance in poultry intestinal <i>Escherichia coli</i> during three commonly used antimicrobial therapeutic treatments in poultry. <i>Poultry Science</i> , 2008 , 87, 1643-8	3.9	29
53	Effect of cooking on enrofloxacin residues in chicken tissue. <i>Food Additives and Contaminants</i> , 2006 , 23, 988-93		29
52	Development of a method for direct visual determination of aflatoxin production by colonies of the <i>Aspergillus flavus</i> group. <i>International Journal of Food Microbiology</i> , 2003 , 83, 219-25	5.8	27
51	Determination of residues of the beta-agonist clenbuterol in liver of medicated farm animals by gas chromatography-mass spectrometry using diphasic dialysis as an extraction procedure. <i>Biomedical Applications</i> , 1997 , 693, 321-6		26
50	Development of an LC-MS/MS method to quantify sex hormones in bovine milk and influence of pregnancy in their levels. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012 , 29, 770-9	3.2	25
49	The effects of industrial pre-frying and domestic cooking methods on the nutritional compositions and fatty acid profiles of two different frozen breaded foods. <i>LWT - Food Science and Technology</i> , 2010 , 43, 1271-1276	5.4	23
48	Influence of farming methods on microbiological contamination and prevalence of resistance to antimicrobial drugs in isolates from beef. <i>Meat Science</i> , 2009 , 82, 284-8	6.4	23
47	Use of the diphasic dialysis as a new extraction procedure in the determination of enrofloxacin and ciprofloxacin in egg. <i>Analytica Chimica Acta</i> , 2003 , 480, 123-130	6.6	23
46	A survey of the fungal contamination and presence of ochratoxin A and zearalenone on Spanish feed and raw materials. <i>Journal of the Science of Food and Agriculture</i> , 2004 , 84, 832-840	4.3	22
45	Fatty acid composition of breast milk in Galicia (NW Spain): A cross-country comparison. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 135, 102-114	2.8	20
44	Application of molecularly imprinted polymers in food analysis: clean-up and chromatographic improvements. <i>Open Chemistry</i> , 2012 , 10, 766-784	1.6	19
43	Development and validation of LC-MS/MS method for the determination of cyproheptadine in several pharmaceutical syrup formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 1044-9	3.5	19
42	Comparison of extraction methods for the recovery, amplification and species-specific analysis of DNA from bone and bone meals. <i>Electrophoresis</i> , 2002 , 23, 1005-12	3.6	19
41	Application of the luminol chemiluminescence reaction for the determination of nine corticosteroids. <i>Analytica Chimica Acta</i> , 2002 , 468, 43-52	6.6	19

40	Cryogenic grinding pre-treatment improves extraction efficiency of fluoroquinolones for HPLC-MS/MS determination in animal tissue. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 1933-7	4.4	18
39	Microbiological and physicochemical properties of fresh retail cuts of beef packaged under an advanced vacuum skin system and stored at 4 degrees C. <i>Journal of Food Protection</i> , 2003 , 66, 2085-92	2.5	18
38	Determination of the hormonal growth promoter 17alpha-methyltestosterone in food-producing animals: bovine hair analysis by HPLC-MS/MS. <i>Meat Science</i> , 2010 , 84, 196-201	6.4	17
37	Chemiluminescence detection of nine corticosteroids in liver. <i>Analyst, The</i> , 2000 , 125, 2071-4	5	17
36	Simultaneous determination of sulfonamides, penicillins and coccidiostats in pork by high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatographic Science</i> , 2012 , 50, 414-25	1.4	16
35	A sensitive and validated HPLC-MS/MS method for simultaneous determination of seven coccidiostats in bovine whole milk. <i>Food Control</i> , 2012 , 27, 29-36	6.2	16
34	Use of acrylic acid in the synthesis of molecularly imprinted polymers for the analysis of cyproheptadine. <i>Materials Science and Engineering C</i> , 2009 , 29, 398-404	8.3	16
33	Evaluation of Chromocult enterococci agar for the isolation and selective enumeration of <i>Enterococcus</i> spp. in broilers. <i>Letters in Applied Microbiology</i> , 2005 , 41, 153-6	2.9	16
32	Rapid semi-quantitative fluorimetric determination of citrinin in fungal cultures isolated from cheese and cheese factories. <i>Letters in Applied Microbiology</i> , 1997 , 24, 397-400	2.9	14
31	Comparison of the fatty acid profile of Spanish infant formulas and Galician women breast milk. <i>Journal of Physiology and Biochemistry</i> , 2018 , 74, 127-138	5	13
30	Application of dummy molecularly imprinted solid-phase extraction in the analysis of cyproheptadine in bovine urine. <i>Journal of Separation Science</i> , 2009 , 32, 1740-7	3.4	13
29	Evaluation of Molecularly Imprinted Polymers for the Simultaneous SPE of Six Corticosteroids in Milk. <i>Chromatographia</i> , 2012 , 75, 223-231	2.1	12
28	Disturbance in sex-steroid serum profiles of cattle in response to exogenous estradiol: a screening approach to detect forbidden treatments. <i>Steroids</i> , 2011 , 76, 365-75	2.8	12
27	Development of a diphasic dialysis method for the extraction/purification of residues of ethinylestradiol in hair of cattle, and determination by gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 766, 251-6	3.2	12
26	Breast Milk: A Source of Functional Compounds with Potential Application in Nutrition and Therapy. <i>Nutrients</i> , 2021 , 13,	6.7	11
25	Development and validation of an LC-MS/MS confirmatory method for residue analysis of cyproheptadine in urine of food-producing animals. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 2595-8	5.7	9
24	Determination of naturally occurring progestogens in bovine milk as their oxime derivatives using high performance liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Journal of the Science of Food and Agriculture</i> , 2010 , 90, 1621-7	4.3	9
23	Development of a rapid and confirmatory procedure to detect 17beta-estradiol 3-benzoate treatments in bovine hair. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 11607-11	5.7	9

22	Structure elucidation and HPLC-MS/MS determination of a potential biomarker for estradiol administration in cattle. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 9537-46	4.4	8
21	Design of a Molecularly Imprinted Stir-Bar for Isolation of Patulin in Apple and LC-MS/MS Detection. <i>Separations</i> , 2017 , 4, 11	3.1	8
20	Liquid chromatography-electrospray ionization-mass spectrometry method in multiple reaction monitoring mode to determine 17alpha-ethynylestradiol residues in cattle hair without previous digestion. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 9325-9	5.7	8
19	Association between Breast Milk Mineral Content and Maternal Adherence to Healthy Dietary Patterns in Spain: A Transversal Study. <i>Foods</i> , 2020 , 9,	4.9	8
18	Analysis of Naturally Occurring Steroid Hormones in Infant Formulas by HPLC-MS/MS and Contribution to Dietary Intake. <i>Foods</i> , 2015 , 4, 605-621	4.9	7
17	A new approach for identifying patients with ovarian epithelial neoplasms based on high-resolution mass spectrometry. <i>American Journal of Clinical Pathology</i> , 2010 , 134, 903-9	1.9	7
16	Study of a room temperature phosphorescence phenomenon to allow the detection of aflatoxigenic strains in culture media. <i>International Journal of Food Microbiology</i> , 2007 , 115, 149-58	5.8	7
15	Sensitive Determination of Decoquinatone in Milk by High-Performance Liquid Chromatographic Coupled to Laser-Induced Fluorescence Detection. <i>Food Analytical Methods</i> , 2010 , 3, 138-143	3.4	6
14	MICROBIOLOGICAL QUALITY OF CEBRERO CHEESE FROM NORTHWEST SPAIN. <i>Journal of Food Safety</i> , 1994 , 14, 1-8	2	6
13	Molecularly imprinted polyallylamine hydrogels: another reassessment. <i>Polymer International</i> , 2010 , 59, 11-15	3.3	5
12	OPTIMIZATION OF DIPHASIC DIALYSIS PROCEDURE FOR CLENBUTEROL RESIDUES EXTRACTION IN BOVINE RETINA AND HAIR. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001 , 24, 251-263	1.3	5
11	Tracing (r)bST in cattle: Liquid-based options for extraction and separation. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2017 , 40, 541-548	1.3	4
10	Evaluation of the discriminative potential of a novel biomarker for estradiol treatments in bovine animals. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 370-8	5.7	4
9	GROWTH OF ESCHERICHIA COLI O157:H7 IN THE PRESENCE OF PSEUDOMONAS FLUORESCENS IN SKIMMED MILK AT 7 OR 25C. <i>Journal of Food Safety</i> , 1997 , 16, 273-285	2	4
8	Human Milk Oligosaccharides (HMOs) and Infant Microbiota: A Scoping Review. <i>Foods</i> , 2021 , 10,	4.9	4
7	Luminarin 3 as a derivatization reagent for the liquid chromatographic determination of cytidine, adenosine and related nucleotides with fluorimetric detection. <i>Analytica Chimica Acta</i> , 1994 , 290, 94-102	6.6	2
6	Milk Microbiota: A Source of Antimicrobial-Producing Bacteria with Potential Application in Food Safety. <i>Proceedings (mdpi)</i> , 2021 , 70, 11	0.3	1
5	Analysis and metabolomics of carotenoids 2020 , 189-222		1

4	Food and omics: unraveling the role of food in breast cancer development. <i>Current Opinion in Food Science</i> , 2021 , 39, 197-207	9.8	1
3	Evolution of breast milk fatty acids in Spanish mothers after one year of uninterrupted lactation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020 , 159, 102141	2.8	0
2	Semi-quantitative method with fluorescence detection of citrinin in fungal cultures isolated from cheese and cheese factories. <i>Biomedical Chromatography</i> , 1997 , 11, 97-8	1.7	
1	Influence and Detection of the Residues of Veterinary Formulations in Foods 2021 , 208-223		