

# Beatriz Vazquez

## List of Publications by Citations

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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.

80 papers	2,043 citations	27 h-index	41 g-index
82 ext. papers	2,320 ext. citations	4.5 avg, IF	4.51 L-index

#	Paper	IF	Citations
80	Application of the assay of aflatoxins by liquid chromatography with fluorescence detection in food analysis. <i>Journal of Chromatography A</i> , <b>2000</b> , 882, 1-10	4.5	144
79	Inhibitory effects of eugenol and thymol on <i>Penicillium citrinum</i> strains in culture media and cheese. <i>International Journal of Food Microbiology</i> , <b>2001</b> , 67, 157-63	5.8	109
78	A comprehensive review of non-enterica subspecies of <i>Salmonella enterica</i> . <i>Microbiological Research</i> , <b>2018</b> , 206, 60-73	5.3	93
77	Determination of quinolones in animal tissues and eggs by high-performance liquid chromatography with photodiode-array detection. <i>Journal of Chromatography A</i> , <b>2000</b> , 871, 31-6	4.5	92
76	New additive for culture media for rapid identification of aflatoxin-producing <i>Aspergillus</i> strains. <i>Applied and Environmental Microbiology</i> , <b>2001</b> , 67, 4858-62	4.8	64
75	Detection and quantitative analysis of 21 veterinary drugs in river water using high-pressure liquid chromatography coupled to tandem mass spectrometry. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 3235-49	5.1	61
74	Antimicrobial resistance in <i>Enterobacteriaceae</i> strains isolated from organic chicken, conventional chicken and conventional turkey meat: A comparative survey. <i>Food Control</i> , <b>2008</b> , 19, 412-416	6.2	55
73	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> , <b>1996</b> , 727, 185-193	4.5	51
72	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> , <b>2005</b> , 53, 2849-52	5.7	46
71	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> , <b>1996</b> , 723, 69-75	4.5	44
70	<i>Salmonella</i> and <i>Campylobacter</i> biofilm formation: a comparative assessment from farm to fork. <i>Journal of the Science of Food and Agriculture</i> , <b>2018</b> , 98, 4014-4032	4.3	43
69	Development of a Hamburger Patty with Healthier Lipid Formulation and Study of its Nutritional, Sensory, and Stability Properties. <i>Food and Bioprocess Technology</i> , <b>2012</b> , 5, 200-208	5.1	43
68	Antimicrobial resistance in <i>Enterococcus</i> spp. strains isolated from organic chicken, conventional chicken, and turkey meat: a comparative survey. <i>Journal of Food Protection</i> , <b>2007</b> , 70, 1021-4	2.5	43
67	Comparison of antimicrobial resistance in <i>Escherichia coli</i> , <i>Staphylococcus aureus</i> , and <i>Listeria monocytogenes</i> strains isolated from organic and conventional poultry meat. <i>Journal of Food Protection</i> , <b>2008</b> , 71, 2537-42	2.5	41
66	Detection of veterinary drug residues in surface waters collected nearby farming areas in Galicia, North of Spain. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 2367-2377	5.1	40
65	A simple and rapid method for the identification and quantification of malachite green and its metabolite in hake by HPLC/MS/MS. <i>Food Control</i> , <b>2013</b> , 31, 102-107	6.2	40
64	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> , <b>2009</b> , 877, 2457-64	3.2	39

63	Determination of clenbuterol residues in bovine hair by using diphasic dialysis and gas chromatography-mass spectrometry. <i>Biomedical Applications</i> , <b>1999</b> , 726, 133-9		34
62	Interaction between cyclodextrins and aflatoxins Q1, M1 and P1. Fluorescence and chromatographic studies. <i>Journal of Chromatography A</i> , <b>1998</b> , 815, 21-9	4.5	33
61	Real-time polymerase chain reaction for the quantitative detection of tetA and tetB bacterial tetracycline resistance genes in food. <i>International Journal of Food Microbiology</i> , <b>2011</b> , 146, 284-9	5.8	32
60	Prevalence, molecular characterization and antimicrobial resistance of Salmonella serovars isolated from northwestern Spanish broiler flocks (2011-2015). <i>Poultry Science</i> , <b>2016</b> , 95, 2097-105	3.9	32
59	Postcolumn excitation of aflatoxins using cyclodextrins in liquid chromatography for food analysis. <i>Journal of Chromatography A</i> , <b>1996</b> , 721, 69-74	4.5	31
58	Shelf life extension of beef retail cuts subjected to an advanced vacuum skin packaging system. <i>European Food Research and Technology</i> , <b>2004</b> , 218, 118-122	3.4	30
57	Evolution of resistance in poultry intestinal Escherichia coli during three commonly used antimicrobial therapeutic treatments in poultry. <i>Poultry Science</i> , <b>2008</b> , 87, 1643-8	3.9	29
56	Effect of cooking on enrofloxacin residues in chicken tissue. <i>Food Additives and Contaminants</i> , <b>2006</b> , 23, 988-93		29
55	Phytanic acid consumption and human health, risks, benefits and future trends: A review. <i>Food Chemistry</i> , <b>2017</b> , 221, 237-247	8.5	28
54	Development of a method for direct visual determination of aflatoxin production by colonies of the Aspergillus flavus group. <i>International Journal of Food Microbiology</i> , <b>2003</b> , 83, 219-25	5.8	27
53	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> , <b>1997</b> , 693, 321-6		26
52	Gas chromatography-tandem mass spectrometry determination of 17alpha-ethinylestradiol residue in the hair of cattle. Application to treated animals. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 436-40	5.7	26
51	Biofilm formation, phenotypic production of cellulose and gene expression in Salmonella enterica decrease under anaerobic conditions. <i>International Journal of Food Microbiology</i> , <b>2016</b> , 238, 63-67	5.8	25
50	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> , <b>2010</b> , 43, 1271-1276	5.4	23
49	Influence of farming methods on microbiological contamination and prevalence of resistance to antimicrobial drugs in isolates from beef. <i>Meat Science</i> , <b>2009</b> , 82, 284-8	6.4	23
48	Use of the diphasic dialysis as a new extraction procedure in the determination of enrofloxacin and ciprofloxacin in egg. <i>Analytica Chimica Acta</i> , <b>2003</b> , 480, 123-130	6.6	23
47	Short Chain Fatty Acids Commonly Produced by Gut Microbiota Influence Motility, Biofilm Formation, and Gene Expression. <i>Antibiotics</i> , <b>2019</b> , 8,	4.9	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> , <b>2004</b> , 84, 832-840	4.3	22

45	Monitoring the presence of 13 active compounds in surface water collected from rural areas in northwestern Spain. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 5251-72	4.6	21
44	Application of the luminol chemiluminescence reaction for the determination of nine corticosteroids. <i>Analytica Chimica Acta</i> , <b>2002</b> , 468, 43-52	6.6	19
43	An Evaluation of Alternatives to Nitrites and Sulfites to Inhibit the Growth of <i>Salmonella enterica</i> and <i>Listeria monocytogenes</i> in Meat Products. <i>Foods</i> , <b>2016</b> , 5,	4.9	19
42	Biofilm Formation and Morphotypes of <i>Salmonella enterica</i> subsp. <i>arizonae</i> Differs from Those of Other <i>Salmonella enterica</i> Subspecies in Isolates From Poultry Houses. <i>Journal of Food Protection</i> , <b>2016</b> , 79, 1127-34	2.5	18
41	Transcriptomics: A powerful tool to evaluate the behavior of foodborne pathogens in the food production chain. <i>Food Research International</i> , <b>2019</b> , 125, 108543	7	18
40	Cryogenic grinding pre-treatment improves extraction efficiency of fluoroquinolones for HPLC-MS/MS determination in animal tissue. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 1933-7	4.4	18
39	Antimicrobial resistance in <i>Escherichia coli</i> strains isolated from organic and conventional pork meat: a comparative survey. <i>European Food Research and Technology</i> , <b>2008</b> , 226, 371-375	3.4	18
38	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> , <b>2003</b> , 66, 2085-92	2.5	18
37	Influence of milk, chicken residues and oxygen levels on biofilm formation on stainless steel, gene expression and small RNAs in <i>Salmonella enterica</i> . <i>Food Control</i> , <b>2018</b> , 90, 1-9	6.2	17
36	Determination of the hormonal growth promoter 17alpha-methyltestosterone in food-producing animals: bovine hair analysis by HPLC-MS/MS. <i>Meat Science</i> , <b>2010</b> , 84, 196-201	6.4	17
35	Chemiluminescence detection of nine corticosteroids in liver. <i>Analyst, The</i> , <b>2000</b> , 125, 2071-4	5	17
34	A Confirmatory Method Based on HPLC-MS/MS for the Detection and Quantification of Residue of Tetracyclines in Nonmedicated Feed. <i>Journal of Analytical Methods in Chemistry</i> , <b>2016</b> , 2016, 1202954	2	17
33	Use of acrylic acid in the synthesis of molecularly imprinted polymers for the analysis of cyproheptadine. <i>Materials Science and Engineering C</i> , <b>2009</b> , 29, 398-404	8.3	16
32	Evaluation of Chromocult enterococci agar for the isolation and selective enumeration of <i>Enterococcus</i> spp. in broilers. <i>Letters in Applied Microbiology</i> , <b>2005</b> , 41, 153-6	2.9	16
31	Detection of synthetic corticosteroids in bovine urine by chemiluminescence high-performance liquid chromatography. <i>Luminescence</i> , <b>2005</b> , 20, 197-204	2.5	16
30	Determination of dexamethasone in bovine liver by chemiluminescence high-performance liquid chromatography. <i>Journal of Agricultural and Food Chemistry</i> , <b>1999</b> , 47, 4275-9	5.7	16
29	Preliminary study on fluorimetric detection of aflatoxins Q1, P1 and B1 using heptakis-di-O-methyl- $\beta$ -cyclodextrin as post-column HPLC reagent. <i>Analytical Communications</i> , <b>1999</b> , 36, 5-7		15
28	Rapid semi-quantitative fluorimetric determination of citrinin in fungal cultures isolated from cheese and cheese factories. <i>Letters in Applied Microbiology</i> , <b>1997</b> , 24, 397-400	2.9	14

27	Study of interferences by several metabolites from <i>Aspergillus</i> spp. in the detection of aflatoxigenic strains in media added with cyclodextrin. <i>Food Control</i> , <b>2005</b> , 16, 445-450	6.2	14
26	Effect of Food Residues in Biofilm Formation on Stainless Steel and Polystyrene Surfaces by <i>Salmonella enterica</i> Strains Isolated from Poultry Houses. <i>Foods</i> , <b>2017</b> , 6,	4.9	13
25	Determination of the Presence of Three Antimicrobials in Surface Water Collected from Urban and Rural Areas. <i>Antibiotics</i> , <b>2013</b> , 2, 46-57	4.9	12
24	Microbiological quality and antimicrobial resistance of <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> isolated from conventional and organic Arzã-Ulloa cheese. <i>CYTA - Journal of Food</i> , <b>2009</b> , 7, 103-110	2.3	12
23	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> , <b>2002</b> , 766, 251-6	3.2	12
22	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> , <b>2009</b> , 57, 2595-8	5.7	9
21	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> , <b>2010</b> , 90, 1621-7	4.3	9
20	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> , <b>2008</b> , 56, 11607-11	5.7	9
19	Food preservatives influence biofilm formation, gene expression and small RNAs in <i>Salmonella enterica</i> . <i>LWT - Food Science and Technology</i> , <b>2018</b> , 97, 1-8	5.4	9
18	Liquid chromatography-electrospray ionization-mass spectrometry method in multiple reaction monitoring mode to determine 17alpha-ethinylestradiol residues in cattle hair without previous digestion. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 9325-9	5.7	8
17	Determination of Florfenicol, Thiamfenicol and Chloramfenicol at Trace Levels in Animal Feed by HPLC-MS/MS. <i>Antibiotics</i> , <b>2019</b> , 8,	4.9	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> , <b>2007</b> , 115, 149-58	5.8	7
15	Antimicrobial activity of apitoxin from <i>Apis mellifera</i> in <i>Salmonella enterica</i> strains isolated from poultry and its effects on motility, biofilm formation and gene expression. <i>Microbial Pathogenesis</i> , <b>2019</b> , 137, 103771	3.8	6
14	Tracing recombinant bovine somatotropin ab(ue) through transcriptomics: the potential of bovine somatic cells in a multi-dose longitudinal study. <i>Scientific Reports</i> , <b>2019</b> , 9, 4788	4.9	6
13	Quantitative detection of tetracycline-resistant microorganisms in conventional and organic beef, pork and chicken meat. <i>CYTA - Journal of Food</i> , <b>2014</b> , 12, 383-388	2.3	6
12	Sensitive Determination of Decoquinat in Milk by High-Performance Liquid Chromatographic Coupled to Laser-Induced Fluorescence Detection. <i>Food Analytical Methods</i> , <b>2010</b> , 3, 138-143	3.4	6
11	Consumption of pharmaceuticals by dairy cows via watering through: Uncontrolled intake. <i>Agriculture, Ecosystems and Environment</i> , <b>2019</b> , 280, 95-101	5.7	5
10	Direct quantification and distribution of tetracycline-resistant genes in meat samples by real-time polymerase chain reaction. <i>Journal of Food Science</i> , <b>2012</b> , 77, M372-6	3.4	5

9	Application of a modified culture medium for the simultaneous counting of molds and yeasts and detection of aflatoxigenic strains of <i>Aspergillus flavus</i> and <i>Aspergillus parasiticus</i> . <i>Journal of Food Protection</i> , <b>2003</b> , 66, 311-8	2.5	5
8	Identification and quantification of 12 pharmaceuticals in water collected from milking parlors: Food safety implications. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 3373-3383	4	4
7	Assessment of Tetracyclines Residues and Tetracycline Resistant Bacteria in Conventional and Organic Baby Foods. <i>Foods</i> , <b>2015</b> , 4, 306-317	4.9	4
6	GROWTH OF <i>ESCHERICHIA COLI</i> O157:H7 IN THE PRESENCE OF <i>PSEUDOMONAS FLUORESCENS</i> IN SKIMMED MILK AT 7 OR 25C. <i>Journal of Food Safety</i> , <b>1997</b> , 16, 273-285	2	4
5	Confirmation of Bagonist residues in bovine retina and liver using HPLC-MS/MS and evaluation of matrix-dependent problems. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2017</b> , 34, 598-607	3.2	3
4	Effects of bovine pregnancy on the fatty acid composition of milk: the significance for humans needs. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2017</b> , 34, 608-616	3.2	3
3	Tracing Recombinant Bovine Somatotropin Ab(Use) Through Gene Expression in Blood, Hair Follicles, and Milk Somatic Cells: A Matrix Comparison. <i>Molecules</i> , <b>2018</b> , 23,	4.8	2
2	Antimicrobial Activity of Five Apitoxins from on Two Common Foodborne Pathogens. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	2
1	Constant iodine intake through the diet could improve hypothyroidism treatment: a case report. <i>Journal of Physiology and Biochemistry</i> , <b>2018</b> , 74, 189-193	5	