

# Omar A Oyarzabal

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,820  
citations

218677

26  
h-index

265206

42  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1835  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid paracellular transmigration of <i>Campylobacter jejuni</i> across polarized epithelial cells without affecting TER: role of proteolytic-active HtrA cleaving E-cadherin but not fibronectin. <i>Gut Pathogens</i> , 2012, 4, 3.	3.4	130
2	Development of a surface plasmon resonance biosensor for the identification of <i>Campylobacter jejuni</i> . <i>Journal of Microbiological Methods</i> , 2007, 69, 78-85.	1.6	98
3	Reduction of <i>Campylobacter</i> spp. by Commercial Antimicrobials Applied during the Processing of Broiler Chickens: A Review from the United States Perspective. <i>Journal of Food Protection</i> , 2005, 68, 1752-1760.	1.7	90
4	Evaluation of Agar Plates for Direct Enumeration of <i>Campylobacter</i> spp. from Poultry Carcass Rinses. <i>Applied and Environmental Microbiology</i> , 2005, 71, 3351-3354.	3.1	84
5	Major Host Factors Involved in Epithelial Cell Invasion of <i>Campylobacter jejuni</i> : Role of Fibronectin, Integrin Beta1, FAK, Tiam-1, and DOCK180 in Activating Rho GTPase Rac1. <i>Frontiers in Cellular and Infection Microbiology</i> , 2011, 1, 17.	3.9	84
6	The signaling pathway of <i>Campylobacter jejuni</i> -induced Cdc42 activation: Role of fibronectin, integrin beta1, tyrosine kinases and guanine exchange factor Vav2. <i>Cell Communication and Signaling</i> , 2011, 9, 32.	6.5	75
7	Review of current methodologies to isolate and identify <i>Campylobacter</i> spp. from foods. <i>Journal of Microbiological Methods</i> , 2013, 95, 84-92.	1.6	72
8	Survival of <i>Escherichia coli</i> O157:H7, <i>Listeria monocytogenes</i> , and <i>Salmonella</i> in Juice Concentrates. <i>Journal of Food Protection</i> , 2003, 66, 1595-1598.	1.7	70
9	Typing of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> isolated from live broilers and retail broiler meat by flaA-RFLP, MLST, PFGE and REP-PCR. <i>Journal of Microbiological Methods</i> , 2011, 84, 194-201.	1.6	68
10	Performance of Broilers Fed Diets Supplemented with Sanguinarine-Like Alkaloids and Organic Acids. <i>Journal of Applied Poultry Research</i> , 2008, 17, 128-133.	1.2	63
11	Effects of Postchill Application of Acidified Sodium Chlorite To Control <i>Campylobacter</i> spp. and <i>Escherichia coli</i> on Commercial Broiler Carcasses. <i>Journal of Food Protection</i> , 2004, 67, 2288-2291.	1.7	53
12	Expression patterns and role of the CadF protein in <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> . <i>FEMS Microbiology Letters</i> , 2007, 274, 9-16.	1.8	51
13	Inactivation of <i>Escherichia coli</i> O157:H7, <i>Listeria monocytogenes</i> , and <i>Salmonella</i> in Cranberry, Lemon, and Lime Juice Concentrates. <i>Journal of Food Protection</i> , 2003, 66, 1637-1641.	1.7	47
14	Live <i>Helicobacter pylori</i> in the root canal of endodontic-infected deciduous teeth. <i>Journal of Gastroenterology</i> , 2012, 47, 936-940.	5.1	45
15	Application of Direct-Fed Microbial Bacteria and Fructooligosaccharides for <i>Salmonella</i> Control in Broilers During Feed Withdrawal. <i>Poultry Science</i> , 1996, 75, 186-190.	3.4	42
16	Efficacy of supplemented buffered peptone water for the isolation of <i>Campylobacter jejuni</i> and <i>C. coli</i> from broiler retail products. <i>Journal of Microbiological Methods</i> , 2007, 69, 129-136.	1.6	42
17	Conjugative Transfer of Chromosomally Encoded Antibiotic Resistance from <i>Helicobacter pylori</i> to <i>Campylobacter jejuni</i> . <i>Journal of Clinical Microbiology</i> , 2007, 45, 402-408.	3.9	41
18	In Vitro Fructooligosaccharide Utilization and Inhibition of <i>Salmonella</i> spp. by Selected Bacteria. <i>Poultry Science</i> , 1995, 74, 1418-1425.	3.4	39

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19	Antimicrobial Resistance Profiles and Clonal Relatedness of Canine and Feline <i>Escherichia coli</i> Pathogens Expressing Multidrug Resistance in the United States. <i>Journal of Veterinary Internal Medicine</i> , 2010, 24, 323-330.	1.6	39
20	Prevalence of <i>Campylobacter</i> spp. in skinless, boneless retail broiler meat from 2005 through 2011 in Alabama, USA. <i>BMC Microbiology</i> , 2012, 12, 184.	3.3	38
21	High content, size and distribution of single-stranded DNA in the mitochondria of <i>Chenopodium album</i> (L.). <i>Plant Molecular Biology</i> , 1997, 33, 1037-1050.	3.9	36
22	Use of Cellulose Filters To Isolate <i>Campylobacter</i> spp. from Naturally Contaminated Retail Broiler Meat. <i>Journal of Food Protection</i> , 2009, 72, 2592-2596.	1.7	34
23	Culture-based indicators of fecal contamination and molecular microbial indicators rarely correlate with <i>Campylobacter</i> spp. in recreational waters. <i>Journal of Water and Health</i> , 2011, 9, 695-707.	2.6	30
24	DNA identification and characterization of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> isolated from caecal samples of chickens in Grenada. <i>Journal of Applied Microbiology</i> , 2010, 108, 1041-1049.	3.1	29
25	Tethered DNA scaffolds on optical sensor platforms for detection of <i>hipO</i> gene from <i>Campylobacter jejuni</i> . <i>Sensors and Actuators B: Chemical</i> , 2011, 156, 304-311.	7.8	29
26	Evaluation of Logistic Processing To Reduce Cross-Contamination of Commercial Broiler Carcasses with <i>Campylobacter</i> spp.. <i>Journal of Food Protection</i> , 2007, 70, 2549-2554.	1.7	26
27	Studies with sanguinarine like alkaloids as feed additive in broiler diets. <i>Brazilian Journal of Poultry Science</i> , 2008, 10, 67-71.	0.7	25
28	Electron Microscopic, Genetic and Protein Expression Analyses of <i>Helicobacter acinonychis</i> Strains from a Bengal Tiger. <i>PLoS ONE</i> , 2013, 8, e71220.	2.5	25
29	The role of class 1 and 2 integrons in mediating antimicrobial resistance among canine and feline clinical <i>E. coli</i> isolates from the US. <i>Veterinary Microbiology</i> , 2010, 144, 363-370.	1.9	24
30	A simplified and cost-effective enrichment protocol for the isolation of <i>Campylobacter</i> spp. from retail broiler meat without microaerobic incubation. <i>BMC Microbiology</i> , 2011, 11, 175.	3.3	22
31	Evaluation of Three Commercial Latex Agglutination Tests for Identification of <i>Campylobacter</i> spp. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3546-3547.	3.9	21
32	Efficacy of Mini VIDAS for the Detection of <i>Campylobacter</i> spp. from Retail Broiler Meat Enriched in Bolton Broth, with or without the Supplementation of Blood. <i>Journal of Food Protection</i> , 2009, 72, 2428-2432.	1.7	21
33	Molecular typing, serotyping and cytotoxicity testing of <i>Campylobacter jejuni</i> strains isolated from commercial broilers in Puerto Rico. <i>Journal of Applied Microbiology</i> , 2008, 105, 800-812.	3.1	20
34	Morphologic, Genetic, and Biochemical Characterization of <i>Helicobacter Magdeburgensis</i> , a Novel Species Isolated from the Intestine of Laboratory Mice. <i>Helicobacter</i> , 2010, 15, 403-415.	3.5	19
35	Aerosol Studies with <i>Listeria innocua</i> and <i>Listeria monocytogenes</i> . <i>Journal of Food Protection</i> , 2007, 70, 1857-1865.	1.7	18
36	Specific identification of <i>Campylobacter fetus</i> by PCR targeting variable regions of the 16S rDNA. <i>Veterinary Microbiology</i> , 1997, 58, 61-71.	1.9	17

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37	Survival of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> on Retail Broiler Meat Stored at 20, 4, or 12°C and Development of Weibull Models for Survival. <i>Journal of Food Protection</i> , 2010, 73, 1438-1446.	1.7	17
38	Improved protocol for isolation of <i>Campylobacter</i> spp. from retail broiler meat and use of pulsed field gel electrophoresis for the typing of isolates. <i>Journal of Microbiological Methods</i> , 2013, 95, 76-83.	1.6	17
39	IN VITRO SURVIVAL AT LOW pH AND ACID ADAPTATION RESPONSE OF <i>CAMPYLOBACTER JEJUNI</i> AND <i>CAMPYLOBACTER COLI</i> . <i>Journal of Food Safety</i> , 2007, 27, 326-343.	2.3	16
40	Evaluation of the contribution of <i>gyrA</i> mutation and efflux pumps to fluoroquinolone and multidrug resistance in pathogenic <i>Escherichia coli</i> isolates from dogs and cats. <i>American Journal of Veterinary Research</i> , 2011, 72, 25-32.	0.6	15
41	Identification of staphylococcal species based on variations in protein sequences (mass spectrometry) and DNA sequence ( <i>sodA</i> microarray). <i>Molecular and Cellular Probes</i> , 2014, 28, 41-50.	2.1	13
42	Development of a polymerase chain reaction assay for specific identification of <i>Clostridium colinum</i> . <i>Avian Pathology</i> , 2008, 37, 179-181.	2.0	12
43	Specific detection of <i>Campylobacter lari</i> by PCR. <i>Journal of Microbiological Methods</i> , 1997, 29, 97-102.	1.6	11
44	Unusual Manifestation of Live <i>Staphylococcus saprophyticus</i> , <i>Corynebacterium ureapleomorphum</i> , and <i>Helicobacter pylori</i> in the Gallbladder with Cholecystitis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1826.	4.1	9
45	Significance of Sample Weight and Enrichment Ratio on the Isolation of Naturally Occurring spp. in Commercial Retail Broiler Meat. <i>Journal of Food Protection</i> , 2010, 73, 1339-1343.	1.7	8
46	Evaluation of an active learning module to teach hazard and risk in Hazard Analysis and Critical Control Points (HACCP) classes. <i>Heliyon</i> , 2017, 3, e00297.	3.2	7
47	Fructooligosaccharide Utilization by <i>Salmonellae</i> and Potential Direct-Fed-Microbial Bacteria for Poultry. <i>Journal of Food Protection</i> , 1995, 58, 1192-1196.	1.7	6
48	Recovery of <i>Campylobacter</i> spp. from Food and Environmental Sources. <i>Methods in Molecular Biology</i> , 2017, 1512, 9-18.	0.9	5
49	Reprint of Identification of staphylococcal species based on variations in protein sequences (mass) Tj ETQq1 1 0,784314,rgBT /O 2.1 4	2.1	4
50	Nanoliter/Picoliter Scale Fluidic Systems for Food Safety. <i>ACS Symposium Series</i> , 2013, , 145-165.	0.5	3
51	Isolation, identification, and typing of <i>Campylobacter</i> strains from food samples. , 2017, , 61-83.		2
52	Methods for Epidemiological Studies of Foodborne Pathogens. <i>Food Science Text Series</i> , 2012, , 57-71.	0.3	1
53	Update on <i>Campylobacter</i> Methodologies. <i>Journal of Microbiological Methods</i> , 2013, 95, 1-2.	1.6	1
54	Application of Pulsed Field Gel Electrophoresis to Type <i>Campylobacter jejuni</i> . <i>Methods in Molecular Biology</i> , 2015, 1301, 139-156.	0.9	1

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55	Isolation and Identification of Campylobacter spp. in Poultry. , 2016, , 19-35.		1
56	Varying Pathogenicity of Campylobacter jejuni Isolates. , 2017, , 41-60.		1
57	REDUCTIONS OF ESCHERICHIA COLI, COLIFORMS, AEROBIC PLATE COUNTS AND CAMPYLOBACTER JEJUNI BY A SMALL-SCALE, HIGH-PRESSURE SYSTEM DEVISED TO CLEAN A MINIATURIZED POULTRY GIBLETS TRANSPORT SYSTEM. Journal of Food Safety, 2009, 29, 650-660.	2.3	0
58	Control of Campylobacter spp. in Commercial Poultry Production. , 2016, , 137-149.		0