CristÃ³bal Chaidez

List of Publications by Year
in descending order

46 papers	876 citations	430874 18 h-index	501196 28 g-index
46 all docs	46 docs citations	46 times ranked	1116 citing authors

#	Article	IF	Citations
1	Antimicrobial resistance profiles of Shiga toxin-producing Escherichia coli O157 and Non-O157 recovered from domestic farm animals in rural communities in Northwestern Mexico. Antimicrobial Resistance and Infection Control, 2016, 5, 1.	4.1	82
2	Isolation and Characterization of phiLLS, a Novel Phage with Potential Biocontrol Agent against Multidrug-Resistant Escherichia coli. Frontiers in Microbiology, 2017, 8, 1355.	3.5	77
3	Occurrence ofCryptosporidiumandGiardiain irrigation water and its impact on the fresh produce industry. International Journal of Environmental Health Research, 2005, 15, 339-345.	2.7	69
4	Risk Assessment of Cryptosporidium and Giardia in Water Irrigating Fresh Produce in Mexico. Journal of Food Protection, 2009, 72, 2184-2188.	1.7	53
5	Comparison of the microbiologic quality of point-of-use (POU)-treated water and tap water. International Journal of Environmental Health Research, 2004, 14, 253-260.	2.7	48
6	Characterization of bacteriophages with a lytic effect on various Salmonella serotypes and Escherichia coli O157:H7. Canadian Journal of Microbiology, 2011, 57, 1042-1051.	1.7	39
7	Virulence profiling of Shiga toxin-producing Escherichia coli recovered from domestic farm animals in Northwestern Mexico. Frontiers in Cellular and Infection Microbiology, 2014, 4, 7.	3.9	34
8	Comparison of the disinfection efficacy of chlorine-based products for inactivation of viral indicators and pathogenic bacteria in produce wash water. International Journal of Environmental Health Research, 2003, 13, 295-302.	2.7	32
9	Genotypic Analyses of Shiga Toxin-Producing Escherichia coli O157 and Non-O157 Recovered from Feces of Domestic Animals on Rural Farms in Mexico. PLoS ONE, 2012, 7, e51565.	2.5	28
10	Prevalence and genetic diversity of Salmonella spp. in a river in a tropical environment in Mexico. Journal of Water and Health, 2014, 12, 874-884.	2.6	28
11	Efficacy of chlorinated and ozonated water in reducingSalmonella typhimuriumattached to tomato surfaces. International Journal of Environmental Health Research, 2007, 17, 311-318.	2.7	27
12	Norovirus Contamination of Bell Pepper from Handling During Harvesting and Packing. Food and Environmental Virology, 2010, 2, 211-217.	3.4	26
13	Chemical constitution and effect of extracts of tomato plants byproducts on the enteric viral surrogates. International Journal of Environmental Health Research, 2015, 25, 299-311.	2.7	25
14	Geographical and Temporal Dissemination of Salmonellae Isolated from Domestic Animal Hosts in the Culiacan Valley, Mexico. Microbial Ecology, 2011, 61, 811-820.	2.8	23
15	BidirectionalSalmonella entericaserovar Typhimurium transfer between bare/glove hands and green bell pepper and its interruption. International Journal of Environmental Health Research, 2007, 17, 381-388.	2.7	22
16	Characterization of novel bacteriophage phiC119 capable of lysing multidrug-resistant Shiga toxin-producingEscherichia coliO157:H7. PeerJ, 2016, 4, e2423.	2.0	22
17	Microbiological quality of water vending machines. International Journal of Environmental Health Research, 1999, 9, 197-206.	2.7	20
18	Internalization ofSalmonella typhimuriuminto mango pulp and prevention of fruit pulp contamination by chlorine and copper ions. International Journal of Environmental Health Research, 2007, 17, 453-459.	2.7	20

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19	Prevalence and characterization ofListeria monocytogenes,Salmonellaand Shiga toxin-producingEscherichia coliisolated from small Mexican retail markets of queso fresco. International Journal of Environmental Health Research, 2015, 25, 140-148.	2.7	16
20	Bacteriophage applications for fresh produce food safety. International Journal of Environmental Health Research, 2021, 31, 687-702.	2.7	15
21	Characterization of Tetracycline Resistance inSalmonella entericaStrains Recovered from Irrigation Water in the Culiacan Valley, Mexico. Microbial Drug Resistance, 2010, 16, 185-190.	2.0	13
22	Improving Salmonella determination in Sinaloa rivers with ultrafiltration and most probable number methods. Environmental Monitoring and Assessment, 2012, 184, 4271-4277.	2.7	13
23	Drinking water microbiological survey of the Northwestern State of Sinaloa, Mexico. Journal of Water and Health, 2008, 6, 125-129.	2.6	12
24	Detection and phylogenetic analysis of hepatitis A virus and norovirus in marine recreational waters of Mexico. Journal of Water and Health, 2010, 8, 269-278.	2.6	12
25	Phylogenomic Analysis Supports Two Possible Origins for Latin American Strains of Vibrio parahaemolyticus Associated with Acute Hepatopancreatic Necrosis Disease (AHPND). Current Microbiology, 2020, 77, 3851-3860.	2.2	12
26	Carbon source utilizationâ€based metabolic activity of Salmonella Oranienburg and Salmonella Saintpaul in river water. Water and Environment Journal, 2018, 32, 118-124.	2.2	9
27	EVALUATION OF BACTERIOPHAGE AVâ€08 FOR SIMULTANEOUS BIOCONTROL OF SALMONELLA MONTEVIDEO AND ESCHERICHIA COLI O157:H7 IN EXPERIMENTALLY CONTAMINATED CHICKEN SKIN. Journal of Food Safety, 2012, 32, 305-310.	2.3	8
28	Characterization of biofilm formation by Salmonella enterica at the air-liquid interface in aquatic environments. Environmental Monitoring and Assessment, 2018, 190, 221.	2.7	8
29	Effect of water suspended particles on the recovery of Cryptosporidium parvum from tomato surfaces. Journal of Water and Health, 2007, 5, 625-631.	2.6	7
30	Relationships between the occurrence of Giardia and Cryptosporidium and physicochemical properties of marine waters of the Pacific Coast of Mexico. Journal of Water and Health, 2010, 8, 797-802.	2.6	7
31	Draft Genome Sequence of Salmonella enterica subsp. enterica Serotype Oranienburg Strain S-76, Isolated from an Aquatic Environment. Genome Announcements, 2013, 1, .	0.8	7
32	Differences in carbon source utilization of Salmonella Oranienburg and Saintpaul isolated from river water. International Journal of Environmental Health Research, 2017, 27, 252-263.	2.7	7
33	Genomic and biological characterization of the novel phages vB_VpaP_AL-1 and vB_VpaS_AL-2 infecting Vibrio parahaemolyticus associated with acute hepatopancreatic necrosis disease (AHPND). Virus Research, 2022, 312, 198719.	2.2	7
34	Sanitizing alternatives forEscherichia coliandSalmonella typhimuriumon bell peppers at household kitchens. International Journal of Environmental Health Research, 2013, 23, 331-341.	2.7	6
35	Draft Genome Sequence of Salmonella enterica subsp. enterica Serotype Saintpaul Strain S-70, Isolated from an Aquatic Environment. Genome Announcements, 2013, 1, .	0.8	6
36	Quaternary ammonium compounds: an alternative disinfection method for fresh produce wash water. Journal of Water and Health, 2007, 5, 329-33.	2.6	6

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37	Disinfection alternatives for contact surfaces and toys at child care centers. International Journal of Environmental Health Research, 2010, 20, 387-394.	2.7	5
38	Effect of river water exposition on adhesion and invasion abilities ofSalmonellaOranienburg and Saintpaul. International Journal of Environmental Health Research, 2018, 28, 43-54.	2.7	5
39	Genomic signatures of adaptation to natural settings in non-typhoidal Salmonella enterica Serovars Saintpaul, Thompson and Weltevreden. Infection, Genetics and Evolution, 2021, 90, 104771.	2.3	5
40	Prevalence and Genomic Diversity of Salmonella enterica Recovered from River Water in a Major Agricultural Region in Northwestern Mexico. Microorganisms, 2022, 10, 1214.	3.6	4
41	Detecting Sources of Staphylococcus aureus in One Smallâ€Scale Cheese Plant in Northwestern Mexico. Journal of Food Safety, 2017, 37, e12290.	2.3	3
42	In vitro invasiveness and intracellular survival of Salmonella strains isolated from the aquatic environment. Water and Environment Journal, 2019, 33, 633-640.	2.2	3
43	Genomic Analysis of Broad-Host-Range Enterobacteriophage Av-05. Genome Announcements, 2015, 3, .	0.8	2
44	Metabolic plasticity of Salmonella enterica as adaptation strategy in river water. International Journal of Environmental Health Research, 2021, , 1-13.	2.7	2
45	Molecular sequence typing reveals genotypic diversity among Escherichia coli isolates recovered from a cantaloupe packinghouse in Northwestern Mexico. Letters in Applied Microbiology, 2017, 64, 430-437.	2.2	1
46	Phenotypic traits of carbon source utilization in environmental Salmonella strains isolated from river water. International Journal of Environmental Health Research, 2020, , 1-9.	2.7	0