Ozan Gundogdu

List of Publications by Citations

50 papers	1,126 citations	19 h-index	33 g-index
60 ext. papers	1,497 ext. citations	5 avg, IF	4.03 L-index

#	Paper	IF	Citations
50	Re-annotation and re-analysis of the Campylobacter jejuni NCTC11168 genome sequence. *BMC Genomics*, **2007**, 8, 162	4.5	160
49	Comparative phylogenomics of the food-borne pathogen Campylobacter jejuni reveals genetic markers predictive of infection source. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 16043-8	11.5	147
48	Campylobacter jejuni outer membrane vesicles play an important role in bacterial interactions with human intestinal epithelial cells. *Infection and Immunity*, **2012**, 80, 4089-98	3.7	103
47	Campylobacter jejuni outer membrane vesicle-associated proteolytic activity promotes bacterial invasion by mediating cleavage of intestinal epithelial cell E-cadherin and occludin. *Cellular Microbiology*, **2016**, 18, 561-72	3.9	72
46	The Campylobacter jejuni transcriptional regulator Cj1556 plays a role in the oxidative and aerobic stress response and is important for bacterial survival in vivo. *Journal of Bacteriology*, **2011**, 193, 4238-49	3.5	54
45	A Review of the Effect of Management Practices on Prevalence in Poultry Farms. *Frontiers in Microbiology*, **2018**, 9, 2002	5.7	48
44	Assessment of the influence of intrinsic environmental and geographical factors on the bacterial ecology of pit latrines. *Microbial Biotechnology*, **2016**, 9, 209-23	6.3	41
43	Understanding and managing zoonotic risk in the new livestock industries. *Environmental Health Perspectives*, **2013**, 121, 873-7	8.4	39
42	Campylobacter jejuni lipooligosaccharide sialylation, phosphorylation, and amide/ester linkage modifications fine-tune human Toll-like receptor 4 activation. *Journal of Biological Chemistry*, **2013**, 288, 19661-72	5.4	34
41	The In Vitro and In Vivo Effect of Carvacrol in Preventing Campylobacter Infection, Colonization and in Improving Productivity of Chicken Broilers. *Foodborne Pathogens and Disease*, **2017**, 14, 341-349	3.8	30
40	Campylobacter jejuni cocultured with epithelial cells reduces surface capsular polysaccharide expression. *Infection and Immunity*, **2009**, 77, 1959-67	3.7	30
39	Comprehensive Longitudinal Microbiome Analysis of the Chicken Cecum Reveals a Shift From Competitive to Environmental Drivers and a Window of Opportunity for. *Frontiers in Microbiology*, **2018**, 9, 2452	5.7	30
38	Virulence characteristics of hcp (+) Campylobacter jejuni and Campylobacter coli isolates from retail chicken. *Gut Pathogens*, **2015**, 7, 20	5.4	28
37	Administration of capsule-selective endosialidase E minimizes upregulation of organ gene expression induced by experimental systemic infection with Escherichia coli K1. *Microbiology (United Kingdom)*, **2010**, 156, 2205-2215	2.9	23
36	Increase in Campylobacter jejuni invasion of intestinal epithelial cells under low-oxygen coculture conditions that reflect the in vivo environment. *Infection and Immunity*, **2012**, 80, 1690-8	3.7	21
35	A Novel Natural Antimicrobial Can Reduce the and Pathogenicity of T6SS Positive and Chicken Isolates. *Frontiers in Microbiology*, **2018**, 9, 2139	5.7	20
34	The Campylobacter jejuni MarR-like transcriptional regulators RrpA and RrpB both influence bacterial responses to oxidative and aerobic stresses. *Frontiers in Microbiology*, **2015**, 6, 724	5.7	20

33	The Oxidative Stress Regulator RrpB Is Associated with a Genomic Hypervariable Region and Altered Oxidative Stress Resistance. *Frontiers in Microbiology*, **2016**, 7, 2117	5.7	20
32	The Type VI Secretion System Enhances the Oxidative Stress Response and Host Colonization. *Frontiers in Microbiology*, **2019**, 10, 2864	5.7	20
31	Prevalence of Type VI Secretion System in Spanish Campylobacter jejuni Isolates. *Zoonoses and Public Health*, **2015**, 62, 497-500	2.9	19
30	The bile salt sodium taurocholate induces Campylobacter jejuni outer membrane vesicle production and increases OMV-associated proteolytic activity. *Cellular Microbiology*, **2018**, 20, e12814	3.9	18
29	Sodium Taurocholate Stimulates Outer Membrane Vesicle Production via Down-Regulation of the Maintenance of Lipid Asymmetry Pathway. *Frontiers in Cellular and Infection Microbiology*, **2019**, 9, 177	5.9	17
28	Prevalence and persistence of Listeria monocytogenes in premises and products of small food business operators in Northern Ireland. *Food Control*, **2018**, 87, 70-78	6.2	13
27	Impact of industrial production system parameters on chicken microbiomes: mechanisms to improve performance and reduce Campylobacter. *Microbiome*, **2020**, 8, 128	16.6	13
26	In vitro and in vivo characterisation of Listeria monocytogenes outbreak isolates. *Food Control*, **2020**, 107, 106784	6.2	13
25	The Antimicrobial Effect of a Commercial Mixture of Natural Antimicrobials Against Escherichia coli O157:H7. *Foodborne Pathogens and Disease*, **2019**, 16, 119-129	3.8	10
24	Exploring the oxidative, antimicrobial and genomic properties of Campylobacter jejuni strains isolated from poultry. *Research in Veterinary Science*, **2018**, 119, 170-175	2.5	10
23	Revisiting Virulence and Fitness Factors: Role in Sensing, Adapting, and Competing. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 607704	5.9	9
22	Microbe Profile: - survival instincts. *Microbiology (United Kingdom)*, **2020**, 166, 230-232	2.9	8
21	Improved production by domain inversion of single-chain Fv antibody fragment against high molecular weight proteoglycan for the radioimmunotargeting of melanoma. *Hybridoma*, **2001**, 20, 351-60		7
20	Antiviral activity of a novel mixture of natural antimicrobials, in vitro, and in a chicken infection model in vivo. *Scientific Reports*, **2020**, 10, 16631	4.9	7
19	The effect of natural antimicrobials against Campylobacter spp. and its similarities to Salmonella spp, Listeria spp., Escherichia coli, Vibrio spp., Clostridium spp. and Staphylococcus spp. *Food Control*, **2021**, 121, 107745	6.2	7
18	Investigating the Role of FlhF Identifies Novel Interactions With Genes Involved in Flagellar Synthesis in. *Frontiers in Microbiology*, **2020**, 11, 460	5.7	6
17	Attenuation of Virulence Factors by a Mixture of Natural Antimicrobials. *Microorganisms*, **2019**, 7,	4.9	4
16	The in vitro and in vivo anti-virulent effect of organic acid mixtures against Eimeria tenella and Eimeria bovis. *Scientific Reports*, **2021**, 11, 16202	4.9	4

15	Attenuation of E. coli O157:H7 virulence by a combination of natural plant extracts and organic acids before and after refrigerated storage. *Access Microbiology*, **2019**, 1,	1	3
14	Dysbiosis in the Development of Type I Diabetes and Associated Complications: From Mechanisms to Targeted Gut Microbes Manipulation Therapies. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
13	Mixtures of natural antimicrobials can reduce Campylobacter jejuni, Salmonella enterica and Clostridium perfringens infections and cellular inflammatory response in MDCK cells. *Gut Pathogens*, **2021**, 13, 37	5.4	3
12	Bioinformatic Analysis of the Type VI Secretion System and Effector Prediction. *Frontiers in Microbiology*, **2021**, 12, 694824	5.7	3
11	Comprehensive longitudinal microbiome analysis of the chicken cecum reveals a shift from competitive to environmental drivers and a window of opportunity for Campylobacter		2
10	Draft Genome Sequence of Campylobacter jejuni 11168H. *Genome Announcements*, **2017**, 5,		1
9	Virulence of a T6SS Campylobacter jejuni chicken isolate from North Romania. *BMC Research Notes*, **2019**, 12, 180	2.3	1
8	Rapamycin Re-Directs Lysosome Network, Stimulates ER-Remodeling, Involving Membrane CD317 and Affecting Exocytosis, in -Lysate-Infected U937 Cells. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1
7	Determination of changes in the microbial and chemical composition of Ega cheese during maturation. *PLoS ONE*, **2020**, 15, e0242824	3.7	1
6	Integrated phenotypic and genomics analysis to elucidate differences in stress resistance and virulence of Listeria monocytogenes strains. *Access Microbiology*, **2019**, 1,	1	1
5	The effect of natural antimicrobials on the Campylobacter coli T6SS during in vitro infection assays and on their ability to adhere to chicken skin and carcasses. *International Journal of Food Microbiology*, **2021**, 338, 108998	5.8	1
4	Investigating the role of BN-domains of FlhF involved in flagellar synthesis in Campylobacter jejuni.. *Microbiological Research*, **2021**, 256, 126944	5.3	0
3	MdaB and NfrA, two novel reductases important in the survival and persistence of the major enteropathogen. *Journal of Bacteriology*, **2021**, JB0042121	3.5	0
2	The Antioxidant Effect of Natural Antimicrobials in Shrimp Primary Intestinal Cells Infected with Nematopsis messor. *Antioxidants*, **2022**, 11, 974	7.1	0
1	Post-genome Analysis of the Foodborne Pathogen Campylobacter jejuni **2011**, 55-94		