Victoria Korolik

List of Publications by Year
in descending order

55 papers	2,421 citations	331670 21 h-index	214800 47 g-index
58 all docs	58 docs citations	58 times ranked	3320 citing authors

#	Article	IF	Citations
1	A Review of the Advantages, Disadvantages and Limitations of Chemotaxis Assays for Campylobacter spp.. International Journal of Molecular Sciences, 2022, 23, 1576.	4.1	3
2	The <i>Campylobacter jejuni</i> chemoreceptor Tlp10 has a bimodal ligand-binding domain and specificity for multiple classes of chemoeffectors. Science Signaling, 2021, 14, .	3.6	29
3	The dCache Chemoreceptor TlpA of Helicobacter pylori Binds Multiple Attractant and Antagonistic Ligands via Distinct Sites. MBio, 2021, 12, e0181921.	4.1	14
4	Campylobacter Biofilms: Potential of Natural Compounds to Disrupt Campylobacter jejuni Transmission. International Journal of Molecular Sciences, 2021, 22, 12159.	4.1	20
5	Inhibition of Campylobacter jejuni Biofilm Formation by D-Amino Acids. Antibiotics, 2020, 9, 836.	3.7	16
6	Assigning a role for chemosensory signal transduction in Campylobacter jejuni biofilms using a combined omics approach. Scientific Reports, 2020, 10, 6829.	3.3	11
7	Bridging the Gap: A Role for Campylobacter jejuni Biofilms. Microorganisms, 2020, 8, 452.	3.6	20
8	RNA Sequencing Data Sets Identifying Differentially Expressed Transcripts during Campylobacter jejuni Biofilm Formation. Microbiology Resource Announcements, 2020, 9, .	0.6	5
9	Cytolethal distending toxin induces the formation of transient messenger-rich ribonucleoprotein nuclear invaginations in surviving cells. PLoS Pathogens, 2019, 15, e1007921.	4.7	10
10	The role of chemotaxis during Campylobacter jejuni colonisation and pathogenesis. Current Opinion in Microbiology, 2019, 47, 32-37.	5.1	33
11	Identification of Specific Ligands for Sensory Receptors by Small-Molecule Ligand Arrays and Surface Plasmon Resonance. Methods in Molecular Biology, 2018, 1729, 303-317.	0.9	7
12	New approach to distinguishing chemoattractants, chemorepellents and catabolised chemoeffectors for Campylobacter jejuni. Journal of Microbiological Methods, 2018, 146, 83-91.	1.6	8
13	Two Spatial Chemotaxis Assays: The Nutrient-Depleted Chemotaxis Assay and the Agarose-Plug-Bridge Assay. Methods in Molecular Biology, 2018, 1729, 23-31.	0.9	4
14	A peculiar case of Campylobacter jejuni attenuated aspartate chemosensory mutant, able to cause pathology and inflammation in avian and murine model animals. Scientific Reports, 2018, 8, 12594.	3.3	8
15	A New Animal Model of Gastric Lymphomagenesis. American Journal of Pathology, 2017, 187, 1473-1484.	3.8	16
16	Characterization of Ligandâ€“Receptor Interactions: Chemotaxis, Biofilm, Cell Culture Assays, and Animal Model Methodologies. Methods in Molecular Biology, 2017, 1512, 149-161.	0.9	6
17	Identification of Ligand-Receptor Interactions: Ligand Molecular Arrays, SPR and NMR Methodologies. Methods in Molecular Biology, 2017, 1512, 51-63.	0.9	3
18	Deregulation of MicroRNAs in Gastric Lymphomagenesis Induced in the d3Tx Mouse Model of Helicobacter pylori Infection. Frontiers in Cellular and Infection Microbiology, 2017, 7, 185.	3.9	14

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19	Identification of NuoX and NuoY Ligand Binding Specificity in the Campylobacter Jejuni Complex I. Journal of Bacteriology & Parasitology, 2017, 08, .	0.2	1
20	A direct-sensing galactose chemoreceptor recently evolved in invasive strains of Campylobacter jejuni. Nature Communications, 2016, 7, 13206.	12.8	49
21	Conserved histidine residues at the ferroxidase centre of the Campylobacter jejuni Dps protein are not strictly required for metal binding and oxidation. Microbiology (United Kingdom), 2016, 162, 156-163.	1.8	3
22	Regulatory T cells may participate in <i>Helicobacter pylori</i> persistence in gastric MALT lymphoma: lessons from an animal model. Oncotarget, 2016, 7, 3394-3402.	1.8	20
23	Glycan:glycan interactions: High affinity biomolecular interactions that can mediate binding of pathogenic bacteria to host cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E7266-75.	7.1	96
24	Purification of the Campylobacter jejuni Dps protein assisted by its high melting temperature. Protein Expression and Purification, 2015, 111, 105-110.	1.3	3
25	Characterisation of inflammatory processes in Helicobacter pylori-induced gastric lymphomagenesis in a mouse model. Oncotarget, 2015, 6, 34525-34536.	1.8	11
26	Characterisation of a Multi-ligand Binding Chemoreceptor CcmL (Tlp3) of Campylobacter jejuni. PLoS Pathogens, 2014, 10, e1003822.	4.7	95
27	Chemosensory Signal Transduction Pathway of Campylobacter jejuni. , 2014, , 351-366.		7
28	Carbohydrate binding and gene expression by <i>in vitro</i> and <i>in vivo</i> propagated <i>Campylobacter jejuni</i> after Immunomagnetic Separation. Journal of Basic Microbiology, 2013, 53, 240-250.	3.3	8
29	Assessment of glycan interactions of clinical and avian isolates of Campylobacter jejuni. BMC Microbiology, 2013, 13, 228.	3.3	18
30	Campylobacter jejuni Dps Protein Binds DNA in the Presence of Iron or Hydrogen Peroxide. Journal of Bacteriology, 2013, 195, 1970-1978.	2.2	28
31	MBDS Solvent: An Improved Method for Assessment of Biofilms. Advances in Microbiology, 2013, 03, 200-204.	0.6	27
32	Variation of chemosensory receptor content of Campylobacter jejuni strains and modulation of receptor gene expression under different in vivo and in vitro growth conditions. BMC Microbiology, 2012, 12, 128.	3.3	29
33	Glycoconjugates Play a Key Role in Campylobacter jejuni Infection: Interactions between Host and Pathogen. Frontiers in Cellular and Infection Microbiology, 2012, 2, 9.	3.9	41
34	Inhibition of Bacterial Biofilm Formation and Swarming Motility by a Small Synthetic Cationic Peptide. Antimicrobial Agents and Chemotherapy, 2012, 56, 2696-2704.	3.2	388
35	Comparative in silico analysis of chemotaxis system of Campylobacter fetus. Archives of Microbiology, 2012, 194, 57-63.	2.2	2
36	Structural Heterogeneity of Terminal Glycans in Campylobacter jejuni Lipooligosaccharides. PLoS ONE, 2012, 7, e40920.	2.5	16

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37	Temperature-dependent phenotypic variation of Campylobacter jejuni lipooligosaccharides. BMC Microbiology, 2010, 10, 305.	3.3	18
38	Identification and characterization of the aspartate chemosensory receptor of <i>Campylobacter jejuni</i>. Molecular Microbiology, 2010, 75, 710-730.	2.5	94
39	Aspartate chemosensory receptor signalling inCampylobacter jejuni. Virulence, 2010, 1, 414-417.	4.4	10
40	Differential Carbohydrate Recognition by Campylobacter jejuni Strain 11168: Influences of Temperature and Growth Conditions. PLoS ONE, 2009, 4, e4927.	2.5	95
41	Potential use of characterised hyper-colonising strain(s) of Campylobacter jejuni to reduce circulation of environmental strains in commercial poultry. Veterinary Microbiology, 2009, 134, 353-361.	1.9	17
42	Characterisation of Campylobacter jejuni genes potentially involved in phosphonate degradation. Gut Pathogens, 2009, 1, 13.	3.4	4
43	MUC1 cell surface mucin is a critical element of the mucosal barrier to infection. Journal of Clinical Investigation, 2007, 117, 2313-2324.	8.2	351
44	Comparison of 2-day-old and 14-day-old chicken colonization models forCampylobacter jejuni. FEMS Immunology and Medical Microbiology, 2007, 49, 155-158.	2.7	26
45	Identification of putative zinc hydrolase genes of the metallo-Î²-lactamase superfamily fromCampylobacter jejuni. FEMS Immunology and Medical Microbiology, 2007, 49, 159-164.	2.7	9
46	Antibiotic resistance and resistance mechanisms in<i>Campylobacter jejuni</i>and<i>Campylobacter coli</i>. FEMS Microbiology Letters, 2007, 277, 123-132.	1.8	201
47	Phosphonate catabolism by Campylobacter spp.. Archives of Microbiology, 2005, 183, 113-120.	2.2	22
48	Isolation and Expression of a Novel Molecular Class D Î²-Lactamase, OXA-61, from Campylobacter jejuni. Antimicrobial Agents and Chemotherapy, 2005, 49, 2515-2518.	3.2	68
49	Tetracycline resistance of Australian Campylobacter jejuni and Campylobacter coli isolates. Journal of Antimicrobial Chemotherapy, 2005, 55, 452-460.	3.0	96
50	Sequence analysis of a cryptic plasmid pCJ419 from Campylobacter jejuni and construction of an Escherichia coliâ€"Campylobacter shuttle vector. Plasmid, 2003, 50, 152-160.	1.4	16
51	Characteristics of the aerobic respiratory chains of the microaerophiles Campylobacter jejuni and Helicobacter pylori. Archives of Microbiology, 2000, 174, 1-10.	2.2	91
52	The galE Gene of Campylobacter jejuni Is Involved in Lipopolysaccharide Synthesis and Virulence. Infection and Immunity, 2000, 68, 2594-2601.	2.2	126
53	The lipopolysaccharide biosynthesis locus of Campylobacter jejuni 81116. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	82
54	Expression of Campylobacter hyoilei lipo-oligosaccharide (LOS) antigens in Escherichia coli. Microbiology (United Kingdom), 1997, 143, 3481-3489.	1.8	20

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55	Antibacterial proteins from porcine polymorphonuclear neutrophils. Immunology and Cell Biology, 1995, 73, 38-43.	2.3	6