

# Carey Lambert

## List of Publications by Year in descending order

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35  
papers

2,106  
citations

236925

25  
h-index

361022

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1530  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Predator Unmasked: Life Cycle of <i>Bdellovibrio bacteriovorus</i> from a Genomic Perspective. <i>Science</i> , 2004, 303, 689-692.	12.6	331
2	<i>Bdellovibrio</i> as therapeutic agents: a predatory renaissance?. <i>Nature Reviews Microbiology</i> , 2004, 2, 669-675.	28.6	159
3	Effects of Orally Administered <i>Bdellovibrio bacteriovorus</i> on the Well-Being and <i>Salmonella</i> Colonization of Young Chicks. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5794-5803.	3.1	150
4	Injections of Predatory Bacteria Work Alongside Host Immune Cells to Treat <i>Shigella</i> Infection in Zebrafish Larvae. <i>Current Biology</i> , 2016, 26, 3343-3351.	3.9	131
5	Characterizing the flagellar filament and the role of motility in bacterial prey-penetration by <i>Bdellovibrio bacteriovorus</i> . <i>Molecular Microbiology</i> , 2006, 60, 274-286.	2.5	125
6	Predation by <i>Bdellovibrio bacteriovorus</i> HD100 Requires Type IV Pili. <i>Journal of Bacteriology</i> , 2007, 189, 4850-4859.	2.2	111
7	Fluorescent D-amino-acids reveal bi-cellular cell wall modifications important for <i>Bdellovibrio bacteriovorus</i> predation. <i>Nature Microbiology</i> , 2017, 2, 1648-1657.	13.3	103
8	A novel assay to monitor predator-prey interactions for <i>Bdellovibrio bacteriovorus</i> 109 J reveals a role for methyl-accepting chemotaxis proteins in predation. <i>Environmental Microbiology</i> , 2003, 5, 127-132.	3.8	98
9	The First Bite— Profiling the Predatosome in the Bacterial Pathogen <i>Bdellovibrio</i> . <i>PLoS ONE</i> , 2010, 5, e8599.	2.5	82
10	Discrete Cyclic di-GMP-Dependent Control of Bacterial Predation versus Axenic Growth in <i>Bdellovibrio bacteriovorus</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002493.	4.7	80
11	The Structure of an Unconventional HD-GYP Protein from <i>Bdellovibrio</i> Reveals the Roles of Conserved Residues in this Class of Cyclic-di-GMP Phosphodiesterases. <i>MBio</i> , 2011, 2, .	4.1	73
12	<i>Bdellovibrio</i> : growth and development during the predatory cycle. <i>Current Opinion in Microbiology</i> , 2006, 9, 639-644.	5.1	54
13	Arsenic rich Himalayan hot spring metagenomics reveal genetically novel predator-prey genotypes. <i>Environmental Microbiology Reports</i> , 2015, 7, 812-823.	2.4	47
14	Genome analysis of a simultaneously predatory and prey-independent, novel <i>Bdellovibrio bacteriovorus</i> from the River Tiber, supports in silico predictions of both ancient and recent lateral gene transfer from diverse bacteria. <i>BMC Genomics</i> , 2012, 13, 670.	2.8	46
15	Laboratory Maintenance of <i>Bdellovibrio</i> . <i>Current Protocols in Microbiology</i> , 2008, 9, Unit 7B.2.	6.5	45
16	Predatory <i>Bdellovibrio</i> Bacteria Use Gliding Motility To Scout for Prey on Surfaces. <i>Journal of Bacteriology</i> , 2011, 193, 3139-3141.	2.2	41
17	Manipulating Each MreB of <i>Bdellovibrio bacteriovorus</i> Gives Diverse Morphological and Predatory Phenotypes. <i>Journal of Bacteriology</i> , 2010, 192, 1299-1311.	2.2	40
18	Activity of <i>Bdellovibrio</i> Hit Locus Proteins, Bd0108 and Bd0109, Links Type IVa Pilus Extrusion/Retraction Status to Prey-Independent Growth Signalling. <i>PLoS ONE</i> , 2013, 8, e79759.	2.5	40

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19	Interrupting peptidoglycan deacetylation during Bdellovibrio predator-prey interaction prevents ultimate destruction of prey wall, liberating bacterial-ghosts. Scientific Reports, 2016, 6, 26010.	3.3	39
20	Ankyrin-mediated self-protection during cell invasion by the bacterial predator Bdellovibrio bacteriovorus. Nature Communications, 2015, 6, 8884.	12.8	37
21	A lysozyme with altered substrate specificity facilitates prey cell exit by the periplasmic predator Bdellovibrio bacteriovorus. Nature Communications, 2020, 11, 4817.	12.8	35
22	Roles of Multiple Flagellins in Flagellar Formation and Flagellar Growth Post Bdelloplast Lysis in Bdellovibrio bacteriovorus. Journal of Molecular Biology, 2009, 394, 1011-1021.	4.2	32
23	Nucleases in <i>Bdellovibrio bacteriovorus</i> contribute towards efficient self-biofilm formation and eradication of preformed prey biofilms. FEMS Microbiology Letters, 2013, 340, 109-116.	1.8	31
24	A Predatory Patchwork: Membrane and Surface Structures of Bdellovibrio bacteriovorus. Advances in Microbial Physiology, 2008, 54, 313-361.	2.4	30
25	Dual Predation by Bacteriophage and Bdellovibrio bacteriovorus Can Eradicate Escherichia coli Prey in Situations where Single Predation Cannot. Journal of Bacteriology, 2020, 202, .	2.2	29
26	A Transcriptional "Scream" Early Response of E. coli Prey to Predatory Invasion by Bdellovibrio. Current Microbiology, 2010, 60, 419-427.	2.2	20
27	Dynamics of Chromosome Replication and Its Relationship to Predatory Attack Lifestyles in Bdellovibrio bacteriovorus. Applied and Environmental Microbiology, 2019, 85, .	3.1	19
28	DivIVA Controls Progeny Morphology and Diverse ParA Proteins Regulate Cell Division or Gliding Motility in Bdellovibrio bacteriovorus. Frontiers in Microbiology, 2020, 11, 542.	3.5	15
29	A novel method to determine antibiotic sensitivity in Bdellovibrio bacteriovorus reveals a DHFR-dependent natural trimethoprim resistance. Scientific Reports, 2020, 10, 5315.	3.3	12
30	Asymmetric peptidoglycan editing generates cell curvature in Bdellovibrio predatory bacteria. Nature Communications, 2022, 13, 1509.	12.8	12
31	Nucleotide signaling pathway convergence in a cAMP-sensing bacterial c-di-GMP phosphodiesterase. EMBO Journal, 2019, 38, e100772.	7.8	11
32	Production of 3',3'-cGAMP by a Bdellovibrio bacteriovorus promiscuous GGDEF enzyme, Bd0367, regulates exit from prey by gliding motility. PLoS Genetics, 2022, 18, e1010164.	3.5	11
33	Mutagenesis of RpoE-like sigma factor genes in Bdellovibrio reveals differential control of groEL and two groES genes. BMC Microbiology, 2012, 12, 99.	3.3	6
34	Evolutionary diversification of the RomR protein of the invasive deltaproteobacterium, Bdellovibrio bacteriovorus. Scientific Reports, 2019, 9, 5007.	3.3	6
35	Predation by <i>Bdellovibrio bacteriovorus</i> HD100 Requires Type IV Pili. Journal of Bacteriology, 2007, 189, 6507-6507.	2.2	0