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List of Publications by Year in descending order

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35
papers

2,106
citations

236925

25
h-index

361022

35
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39
all docs

39
docs citations

39
times ranked

1530
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric peptidoglycan editing generates cell curvature in <i>Bdellovibrio</i> predatory bacteria. <i>Nature Communications</i> , 2022, 13, 1509.	12.8	12
2	Production of 3â€²,3â€²-cGAMP by a <i>Bdellovibrio</i> bacteriovorus promiscuous GGDEF enzyme, Bd0367, regulates exit from prey by gliding motility. <i>PLoS Genetics</i> , 2022, 18, e1010164.	3.5	11
3	A lysozyme with altered substrate specificity facilitates prey cell exit by the periplasmic predator <i>Bdellovibrio</i> bacteriovorus. <i>Nature Communications</i> , 2020, 11, 4817.	12.8	35
4	Dual Predation by Bacteriophage and <i>Bdellovibrio</i> bacteriovorus Can Eradicate <i>Escherichia coli</i> Prey in Situations where Single Predation Cannot. <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	29
5	A novel method to determine antibiotic sensitivity in <i>Bdellovibrio</i> bacteriovorus reveals a DHFR-dependent natural trimethoprim resistance. <i>Scientific Reports</i> , 2020, 10, 5315.	3.3	12
6	DivIVA Controls Progeny Morphology and Diverse ParA Proteins Regulate Cell Division or Gliding Motility in <i>Bdellovibrio</i> bacteriovorus. <i>Frontiers in Microbiology</i> , 2020, 11, 542.	3.5	15
7	Nucleotide signaling pathway convergence in a cAMPâ€sensing bacterial câ€diâ€GMP phosphodiesterase. <i>EMBO Journal</i> , 2019, 38, e100772.	7.8	11
8	Dynamics of Chromosome Replication and Its Relationship to Predatory Attack Lifestyles in <i>Bdellovibrio</i> bacteriovorus. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	19
9	Evolutionary diversification of the RomR protein of the invasive deltaproteobacterium, <i>Bdellovibrio</i> bacteriovorus. <i>Scientific Reports</i> , 2019, 9, 5007.	3.3	6
10	Fluorescent D-amino-acids reveal bi-cellular cell wall modifications important for <i>Bdellovibrio</i> bacteriovorus predation. <i>Nature Microbiology</i> , 2017, 2, 1648-1657.	13.3	103
11	Interrupting peptidoglycan deacetylation during <i>Bdellovibrio</i> predator-prey interaction prevents ultimate destruction of prey wall, liberating bacterial-ghosts. <i>Scientific Reports</i> , 2016, 6, 26010.	3.3	39
12	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
13	Arsenic rich Himalayan hot spring metagenomics reveal genetically novel predatorâ€prey genotypes. <i>Environmental Microbiology Reports</i> , 2015, 7, 812-823.	2.4	47
14	Ankyrin-mediated self-protection during cell invasion by the bacterial predator <i>Bdellovibrio</i> bacteriovorus. <i>Nature Communications</i> , 2015, 6, 8884.	12.8	37
15	Nucleases in <i>Bdellovibrio</i> bacteriovorus contribute towards efficient self-biofilm formation and eradication of preformed prey biofilms. <i>FEMS Microbiology Letters</i> , 2013, 340, 109-116.	1.8	31
16	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
17	Discrete Cyclic di-GMP-Dependent Control of Bacterial Predation versus Axenic Growth in <i>Bdellovibrio</i> bacteriovorus. <i>PLoS Pathogens</i> , 2012, 8, e1002493.	4.7	80
18	Genome analysis of a simultaneously predatory and prey-independent, novel <i>Bdellovibrio</i> bacteriovorus 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

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19	Mutagenesis of RpoE-like sigma factor genes in <i>Bdellovibrio</i> reveals differential control of groEL and two groES genes. <i>BMC Microbiology</i> , 2012, 12, 99.	3.3	6
20	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
21	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
22	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
23	A Transcriptional "Scream" Early Response of <i>E. coli</i> Prey to Predatory Invasion by <i>Bdellovibrio</i> . <i>Current Microbiology</i> , 2010, 60, 419-427.	2.2	20
24	The First Bite" Profiling the Predatosome in the Bacterial Pathogen <i>Bdellovibrio</i> . <i>PLoS ONE</i> , 2010, 5, e8599.	2.5	82
25	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
26	Roles of Multiple Flagellins in Flagellar Formation and Flagellar Growth Post <i>Bdelloplast</i> Lysis in <i>Bdellovibrio bacteriovorus</i> . <i>Journal of Molecular Biology</i> , 2009, 394, 1011-1021.	4.2	32
27	Laboratory Maintenance of <i>Bdellovibrio</i> . <i>Current Protocols in Microbiology</i> , 2008, 9, Unit 7B.2.	6.5	45
28	A Predatory Patchwork: Membrane and Surface Structures of <i>Bdellovibrio bacteriovorus</i> . <i>Advances in Microbial Physiology</i> , 2008, 54, 313-361.	2.4	30
29	Predation by <i>Bdellovibrio bacteriovorus</i> HD100 Requires Type IV Pili. <i>Journal of Bacteriology</i> , 2007, 189, 4850-4859.	2.2	111
30	Predation by <i>Bdellovibrio bacteriovorus</i> HD100 Requires Type IV Pili. <i>Journal of Bacteriology</i> , 2007, 189, 6507-6507.	2.2	0
31	<i>Bdellovibrio</i> : growth and development during the predatory cycle. <i>Current Opinion in Microbiology</i> , 2006, 9, 639-644.	5.1	54
32	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
33	<i>Bdellovibrio</i> as therapeutic agents: a predatory renaissance?. <i>Nature Reviews Microbiology</i> , 2004, 2, 669-675.	28.6	159
34	A Predator Unmasked: Life Cycle of <i>Bdellovibrio bacteriovorus</i> from a Genomic Perspective. <i>Science</i> , 2004, 303, 689-692.	12.6	331
35	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