

Laura Hobley

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,754
citations

516710

16
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

2630
citing authors

#	ARTICLE	IF	CITATIONS
1	Giving structure to the biofilm matrix: an overview of individual strategies and emerging common themes. <i>FEMS Microbiology Reviews</i> , 2015, 39, 649-669.	8.6	454
2	BsIA is a self-assembling bacterial hydrophobin that coats the <i>Bacillus subtilis</i> biofilm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13600-13605.	7.1	244
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	A <i>Klebsiella pneumoniae</i> antibiotic resistance mechanism that subdues host defences and promotes virulence. <i>EMBO Molecular Medicine</i> , 2017, 9, 430-447.	6.9	136
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	<i>Klebsiella pneumoniae</i> type VI secretion system-mediated microbial competition is PhoPQ controlled and reactive oxygen species dependent. <i>PLoS Pathogens</i> , 2020, 16, e1007969.	4.7	86
7	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
8	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
9	Interfacial self-assembly of a bacterial hydrophobin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5419-5424.	7.1	68
10	Norspermidine Is Not a Self-Produced Trigger for Biofilm Disassembly. <i>Cell</i> , 2014, 156, 844-854.	28.9	65
11	<i>Bdellovibrio</i> Predation in the Presence of Decoys: Three-Way Bacterial Interactions Revealed by Mathematical and Experimental Analyses. <i>Applied and Environmental Microbiology</i> , 2006, 72, 6757-6765.	3.1	53
12	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
13	Identification and Characterization of Two <i>Klebsiella pneumoniae</i> <i>lpxL</i> Lipid A Late Acyltransferases and Their Role in Virulence. <i>Infection and Immunity</i> , 2017, 85, .	2.2	42
14	Spermidine promotes <i>Bacillus subtilis</i> biofilm formation by activating expression of the matrix regulator <i>slrR</i> . <i>Journal of Biological Chemistry</i> , 2017, 292, 12041-12053.	3.4	34
15	Dual Predation by Bacteriophage and <i>Bdellovibrio bacteriovorus</i> Can Eradicate <i>Escherichia coli</i> Prey in Situations where Single Predation Cannot. <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	29
16	<i>Klebsiella pneumoniae</i> Reduces SUMOylation To Limit Host Defense Responses. <i>MBio</i> , 2020, 11, .	4.1	24
17	Natural variations in the biofilm-associated protein BsIA from the genus <i>Bacillus</i> . <i>Scientific Reports</i> , 2017, 7, 6730.	3.3	17
18	Genomic Differences between <i>Listeria monocytogenes</i> EGDe Isolates Reveal Crucial Roles for SigB and Wall Rhamnosylation in Biofilm Formation. <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	16

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19	Nucleotide signaling pathway convergence in a cAMP-sensing bacterial c-di-GMP phosphodiesterase. EMBO Journal, 2019, 38, e100772.	7.8	11