

David R Hendrixson

List of Publications by Year in descending order

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42
papers

2,884
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218677

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times ranked

2328
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#	ARTICLE	IF	CITATIONS
1	Role of the major determinant of polar flagellation FlhG in the endoflagella-containing spirochete <i>Leptospira</i> . <i>Molecular Microbiology</i> , 2021, 116, 1392-1406.	2.5	3
2	A Polar Flagellar Transcriptional Program Mediated by Diverse Two-Component Signal Transduction Systems and Basal Flagellar Proteins Is Broadly Conserved in Polar Flagellates. <i>MBio</i> , 2020, 11, .	4.1	12
3	<i>Campylobacter jejuni</i> BumSR directs a response to butyrate via sensor phosphatase activity to impact transcription and colonization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11715-11726.	7.1	21
4	Binding of Phage-Encoded FlaGrab to Motile <i>Campylobacter jejuni</i> Flagella Inhibits Growth, Downregulates Energy Metabolism, and Requires Specific Flagellar Glycans. <i>Frontiers in Microbiology</i> , 2020, 11, 397.	3.5	14
5	<i>Campylobacter jejuni</i> motility integrates specialized cell shape, flagellar filament, and motor, to coordinate action of its opposed flagella. <i>PLoS Pathogens</i> , 2020, 16, e1008620.	4.7	40
6	Diversification of <i>Campylobacter jejuni</i> Flagellar C-Ring Composition Impacts Its Structure and Function in Motility, Flagellar Assembly, and Cellular Processes. <i>MBio</i> , 2020, 11, .	4.1	23
7	Title is missing!. , 2020, 16, e1008620.		0
8	Title is missing!. , 2020, 16, e1008620.		0
9	Title is missing!. , 2020, 16, e1008620.		0
10	Title is missing!. , 2020, 16, e1008620.		0
11	Title is missing!. , 2020, 16, e1008620.		0
12	Title is missing!. , 2020, 16, e1008620.		0
13	A Chaperone for the Stator Units of a Bacterial Flagellum. <i>MBio</i> , 2019, 10, .	4.1	10
14	<i>Campylobacter jejuni</i> promotes colorectal tumorigenesis through the action of cytolethal distending toxin. <i>Gut</i> , 2019, 68, 289-300.	12.1	251
15	<i>Campylobacter jejuni</i> : collective components promoting a successful enteric lifestyle. <i>Nature Reviews Microbiology</i> , 2018, 16, 551-565.	28.6	160
16	FlhW controls growth-phase expression of <i>Campylobacter jejuni</i> flagellar and non-flagellar proteins via the post-transcriptional regulator CsrA. <i>Microbiology (United Kingdom)</i> , 2018, 164, 1308-1319.	1.8	29
17	Microbiota-Derived Short-Chain Fatty Acids Modulate Expression of <i>Campylobacter jejuni</i> Determinants Required for Commensalism and Virulence. <i>MBio</i> , 2017, 8, .	4.1	68
18	<i>Campylobacter jejuni</i> CsrA Regulates Metabolic and Virulence Associated Proteins and Is Necessary for Mouse Colonization. <i>PLoS ONE</i> , 2016, 11, e0156932.	2.5	29

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19	FlhG employs diverse intrinsic domains and influences FlhF GTPase activity to numerically regulate polar flagellar biogenesis in <i>Campylobacter jejuni</i> . <i>Molecular Microbiology</i> , 2016, 99, 291-306.	2.5	32
20	Diverse high-torque bacterial flagellar motors assemble wider stator rings using a conserved protein scaffold. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1917-26.	7.1	170
21	Analysis of the Activity and Regulon of the Two-Component Regulatory System Composed by Cjj81176_1484 and Cjj81176_1483 of <i>Campylobacter jejuni</i> . <i>Journal of Bacteriology</i> , 2015, 197, 1592-1605.	2.2	15
22	Hemerythrins in the microaerophilic bacterium <i>Campylobacter jejuni</i> help protect key iron-sulphur cluster enzymes from oxidative damage. <i>Environmental Microbiology</i> , 2014, 16, 1105-1121.	3.8	49
23	Flagellar biosynthesis exerts temporal regulation of secretion of specific <i>Campylobacter jejuni</i> colonization and virulence determinants. <i>Molecular Microbiology</i> , 2014, 93, 957-974.	2.5	42
24	Regulation of Flagellar Gene Expression and Assembly. , 2014, , 543-558.		7
25	Spatial and numerical regulation of flagellar biosynthesis in polarly flagellated bacteria. <i>Molecular Microbiology</i> , 2013, 88, 655-663.	2.5	77
26	Architecture of the major component of the type III secretion system export apparatus. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 99-104.	8.2	200
27	A Regulatory Checkpoint during Flagellar Biogenesis in <i>Campylobacter jejuni</i> Initiates Signal Transduction To Activate Transcription of Flagellar Genes. <i>MBio</i> , 2013, 4, e00432-13.	4.1	38
28	Identification and analysis of flagellar coexpressed determinants (Feds) of <i>Campylobacter jejuni</i> involved in colonization. <i>Molecular Microbiology</i> , 2012, 84, 352-369.	2.5	56
29	Structural diversity of bacterial flagellar motors. <i>EMBO Journal</i> , 2011, 30, 2972-2981.	7.8	281
30	A specificity determinant for phosphorylation in a response regulator prevents in vivo cross-talk and modification by acetyl phosphate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20160-20165.	7.1	28
31	Polar Flagellar Biosynthesis and a Regulator of Flagellar Number Influence Spatial Parameters of Cell Division in <i>Campylobacter jejuni</i> . <i>PLoS Pathogens</i> , 2011, 7, e1002420.	4.7	63
32	Functional Analysis of the RdxA and RdxB Nitroreductases of <i>Campylobacter jejuni</i> Reveals that Mutations in <i>rdxA</i> Confer Metronidazole Resistance. <i>Journal of Bacteriology</i> , 2010, 192, 1890-1901.	2.2	11
33	Activation of the <i>Campylobacter jejuni</i> FlgSR Two-Component System Is Linked to the Flagellar Export Apparatus. <i>Journal of Bacteriology</i> , 2009, 191, 2656-2667.	2.2	65
34	Restoration of flagellar biosynthesis by varied mutational events in <i>Campylobacter jejuni</i> . <i>Molecular Microbiology</i> , 2008, 70, 519-536.	2.5	49
35	Analysis of the <i>Campylobacter jejuni</i> FlgR Response Regulator Suggests Integration of Diverse Mechanisms To Activate an NtrC-Like Protein. <i>Journal of Bacteriology</i> , 2008, 190, 2422-2433.	2.2	30
36	Characterization of Two Putative Cytochrome c Peroxidases of <i>Campylobacter jejuni</i> Involved in Promoting Commensal Colonization of Poultry. <i>Infection and Immunity</i> , 2008, 76, 1105-1114.	2.2	63

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37	Analysis of the Roles of FlgP and FlgQ in Flagellar Motility of <i>Campylobacter jejuni</i> . <i>Journal of Bacteriology</i> , 2007, 189, 179-186.	2.2	53
38	A phase-variable mechanism controlling the <i>Campylobacter jejuni</i> FlgR response regulator influences commensalism. <i>Molecular Microbiology</i> , 2006, 61, 1646-1659.	2.5	111
39	Identification of <i>Campylobacter jejuni</i> genes involved in commensal colonization of the chick gastrointestinal tract. <i>Molecular Microbiology</i> , 2004, 52, 471-484.	2.5	365
40	Transcription of <i>flj54</i> -dependent but not <i>flj28</i> -dependent flagellar genes in <i>Campylobacter jejuni</i> is associated with formation of the flagellar secretory apparatus. <i>Molecular Microbiology</i> , 2003, 50, 687-702.	2.5	160
41	Natural Transformation of <i>Campylobacter jejuni</i> Requires Components of a Type II Secretion System. <i>Journal of Bacteriology</i> , 2003, 185, 5408-5418.	2.2	75
42	Transposon mutagenesis of <i>Campylobacter jejuni</i> identifies a bipartite energy taxis system required for motility. <i>Molecular Microbiology</i> , 2001, 40, 214-224.	2.5	184