

Philip E Stewart

List of Publications by Year in descending order

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39
papers

3,059
citations

279701

23
h-index

315616

38
g-index

40
all docs

40
docs citations

40
times ranked

1266
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the Role of <i>bba30</i> , a Highly Conserved Gene of the Lyme Disease Spirochete, Throughout the Mouse-Tick Infectious Cycle. <i>Infection and Immunity</i> , 2021, 89, e0033321.	1.0	1
2	Microbiomes of Blood-Feeding Arthropods: Genes Coding for Essential Nutrients and Relation to Vector Fitness and Pathogenic Infections. A Review. <i>Microorganisms</i> , 2021, 9, 2433.	1.6	14
3	Sharing the Ride: <i>Ixodes scapularis</i> Symbionts and Their Interactions. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 142.	1.8	23
4	The Lyme disease spirochete's BpuR DNA/RNA-binding protein is differentially expressed during the mammal-tick infectious cycle, which affects translation of the SodA superoxide dismutase. <i>Molecular Microbiology</i> , 2019, 112, 973-991.	1.2	11
5	Visualization of Spirochetes by Labeling Membrane Proteins With Fluorescent Biarsenical Dyes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 287.	1.8	6
6	A widely conserved bacterial cytoskeletal component influences unique helical shape and motility of the spirochete <i>Leptospira biflexa</i> . <i>Molecular Microbiology</i> , 2018, 108, 77-89.	1.2	24
7	<i>Borrelia burgdorferi</i> SpoVG DNA- and RNA-Binding Protein Modulates the Physiology of the Lyme Disease Spirochete. <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	20
8	Physiologic and Genetic Factors Influencing the Zoonotic Cycle of <i>Borrelia burgdorferi</i> . <i>Current Topics in Microbiology and Immunology</i> , 2017, 415, 63-82.	0.7	17
9	Function of the <i>Borrelia burgdorferi</i> FtsH Homolog Is Essential for Viability both <i>In Vitro</i> and <i>In Vivo</i> and Independent of HflK/C. <i>MBio</i> , 2016, 7, e00404-16.	1.8	26
10	Multiple Posttranslational Modifications of <i>Leptospira biflexa</i> Proteins as Revealed by Proteomic Analysis. <i>Applied and Environmental Microbiology</i> , 2016, 82, 1183-1195.	1.4	16
11	Motility Is Crucial for the Infectious Life Cycle of <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2013, 81, 2012-2021.	1.0	70
12	Characterization of the Bat proteins in the oxidative stress response of <i>Leptospira biflexa</i> . <i>BMC Microbiology</i> , 2012, 12, 290.	1.3	14
13	<i>Borrelia burgdorferi</i> Linear Plasmid 38 Is Dispensable for Completion of the Mouse-Tick Infectious Cycle. <i>Infection and Immunity</i> , 2011, 79, 3510-3517.	1.0	21
14	Use of the Cre- <i>lox</i> Recombination System To Investigate the <i>lp54</i> Gene Requirement in the Infectious Cycle of <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2010, 78, 2397-2407.	1.0	27
15	<i>Borrelia burgdorferi</i> Resistance to a Major Skin Antimicrobial Peptide Is Independent of Outer Surface Lipoprotein Content. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4490-4494.	1.4	11
16	Biology of Infection with <i>Borrelia burgdorferi</i> . <i>Infectious Disease Clinics of North America</i> , 2008, 22, 217-234.	1.9	161
17	Development of a Transposon Mutagenesis System in the Oral Spirochete <i>Treponema denticola</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 6461-6464.	1.4	19
18	A Tightly Regulated Surface Protein of <i>Borrelia burgdorferi</i> Is Not Essential to the Mouse-Tick Infectious Cycle. <i>Infection and Immunity</i> , 2008, 76, 1970-1978.	1.0	48

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19	Transposon Mutagenesis of the Lyme Disease Agent <i>Borrelia burgdorferi</i> . , 2008, 431, 85-95.		21
20	Delineating the Requirement for the <i>Borrelia burgdorferi</i> Virulence Factor OspC in the Mammalian Host. <i>Infection and Immunity</i> , 2006, 74, 3547-3553.	1.0	108
21	Identification of Potential Virulence Determinants by Himar1 Transposition of Infectious <i>Borrelia burgdorferi</i> B31. <i>Infection and Immunity</i> , 2006, 74, 6690-6699.	1.0	44
22	<i>Borrelia burgdorferi</i> OspC Protein Required Exclusively in a Crucial Early Stage of Mammalian Infection. <i>Infection and Immunity</i> , 2006, 74, 3554-3564.	1.0	285
23	The burgeoning molecular genetics of the Lyme disease spirochaete. <i>Nature Reviews Microbiology</i> , 2005, 3, 129-143.	13.6	183
24	The plasmids of <i>Borrelia burgdorferi</i> : essential genetic elements of a pathogen. <i>Plasmid</i> , 2005, 53, 1-13.	0.4	90
25	<i>Borrelia burgdorferi</i> $\hat{A}54$ is required for mammalian infection and vector transmission but not for tick colonization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5162-5167.	3.3	204
26	Cross-Species Surface Display of Functional Spirochetal Lipoproteins by Recombinant <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2004, 72, 1463-1469.	1.0	37
27	The Essential Nature of the Ubiquitous 26-Kilobase Circular Replicon of <i>Borrelia burgdorferi</i> . <i>Journal of Bacteriology</i> , 2004, 186, 3561-3569.	1.0	88
28	Outer-surface protein C of the Lyme disease spirochete: A protein induced in ticks for infection of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3142-3147.	3.3	373
29	Experimental Assessment of the Roles of Linear Plasmids lp25 and lp28-1 of <i>Borrelia burgdorferi</i> throughout the Infectious Cycle. <i>Infection and Immunity</i> , 2004, 72, 5938-5946.	1.0	102
30	Genome-Wide Transposon Mutagenesis of <i>Borrelia burgdorferi</i> for Identification of Phenotypic Mutants. <i>Applied and Environmental Microbiology</i> , 2004, 70, 5973-5979.	1.4	82
31	New Antibiotic Resistance Cassettes Suitable for Genetic Studies in <i>Borrelia burgdorferi</i> . <i>Journal of Molecular Microbiology and Biotechnology</i> , 2003, 6, 29-40.	1.0	142
32	An enhanced GFP reporter system to monitor gene expression in <i>Borrelia burgdorferi</i> . <i>Microbiology (United Kingdom)</i> , 2003, 149, 1819-1828.	0.7	63
33	Glycerol-3-Phosphate Acquisition in Spirochetes: Distribution and Biological Activity of Glycerophosphodiester Phosphodiesterase (GlpQ) among <i>Borrelia</i> Species. <i>Journal of Bacteriology</i> , 2003, 185, 1346-1356.	1.0	65
34	Conservation of Plasmid Maintenance Functions between Linear and Circular Plasmids in <i>Borrelia burgdorferi</i> . <i>Journal of Bacteriology</i> , 2003, 185, 3202-3209.	1.0	47
35	Clonal Polymorphism of <i>Borrelia burgdorferi</i> Strain B31 MI: Implications for Mutagenesis in an Infectious Strain Background. <i>Infection and Immunity</i> , 2002, 70, 2139-2150.	1.0	313
36	Isolation of a circular plasmid region sufficient for autonomous replication and transformation of infectious <i>Borrelia burgdorferi</i> . <i>Molecular Microbiology</i> , 2001, 39, 714-721.	1.2	190

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37	Dissociation of Infectivity and Pathogenicity in <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2001, 69, 3507-3509.	1.0	19
38	Altered Stationary-Phase Response in a <i>Borrelia burgdorferi</i> rpoS Mutant. <i>Journal of Bacteriology</i> , 2000, 182, 2909-2918.	1.0	67
39	Linear Plasmids in Bacteria: Common Origins, Uncommon Ends. , 0, , 291-301.		5