

Steven James Norris

List of Publications by Year in descending order

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129
papers

9,376
citations

36203

51
h-index

53109

85
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141
all docs

141
docs citations

141
times ranked

4387
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete Genome Sequence of <i>Treponema pallidum</i> , the Syphilis Spirochete. , 1998, 281, 375-388.		969
2	Antigenic Variation in Lyme Disease <i>Borreliae</i> by Promiscuous Recombination of VMP-like Sequence Cassettes. <i>Cell</i> , 1997, 89, 275-285.	13.5	613
3	Correlation between plasmid content and infectivity in <i>Borrelia burgdorferi</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 13865-13870.	3.3	435
4	Comparison of the genome of the oral pathogen <i>Treponema denticola</i> with other spirochete genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5646-5651.	3.3	251
5	Low-passage-associated proteins of <i>Borrelia burgdorferi</i> B31: characterization and molecular cloning of OspD, a surface-exposed, plasmid-encoded lipoprotein. <i>Infection and Immunity</i> , 1992, 60, 4662-4672.	1.0	239
6	A plasmid-encoded nicotinamidase (PncA) is essential for infectivity of <i>Borrelia burgdorferi</i> in a mammalian host. <i>Molecular Microbiology</i> , 2003, 48, 753-764.	1.2	237
7	Genetic Variation of the <i>Borrelia burgdorferi</i> Gene <i>vlsE</i> Involves Cassette-Specific, Segmental Gene Conversion. <i>Infection and Immunity</i> , 1998, 66, 3698-3704.	1.0	224
8	Adherence of <i>Borrelia burgdorferi</i> to the proteoglycan decorin. <i>Infection and Immunity</i> , 1995, 63, 3467-3472.	1.0	210
9	Disruption of the Genes Encoding Antigen 85A and Antigen 85B of <i>Mycobacterium tuberculosis</i> H37Rv: Effect on Growth in Culture and in Macrophages. <i>Infection and Immunity</i> , 2000, 68, 767-778.	1.0	189
10	Kinetics and In Vivo Induction of Genetic Variation of <i>vlsE</i> in <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 1998, 66, 3689-3697.	1.0	168
11	Long-Term <i>In Vitro</i> Culture of the Syphilis Spirochete <i>Treponema pallidum</i> subsp. <i>pallidum</i> . <i>MBio</i> , 2018, 9, .	1.8	154
12	Intact Flagellar Motor of <i>Borrelia burgdorferi</i> Revealed by Cryo-Electron Tomography: Evidence for Stator Ring Curvature and Rotor/C-Ring Assembly Flexion. <i>Journal of Bacteriology</i> , 2009, 191, 5026-5036.	1.0	147
13	BBE02 Disruption Mutants of <i>Borrelia burgdorferi</i> B31 Have a Highly Transformable, Infectious Phenotype. <i>Infection and Immunity</i> , 2004, 72, 7147-7154.	1.0	141
14	Origin of modern syphilis and emergence of a pandemic <i>Treponema pallidum</i> cluster. <i>Nature Microbiology</i> , 2017, 2, 16245.	5.9	138
15	Human Antibody Responses to VlsE Antigenic Variation Protein of <i>Borrelia burgdorferi</i> . <i>Journal of Clinical Microbiology</i> , 1999, 37, 3997-4004.	1.8	133
16	Purification of <i>Treponema pallidum</i> , Nichols Strain, by Percoll Density Gradient Centrifugation. <i>Sexually Transmitted Diseases</i> , 1984, 11, 275-286.	0.8	127
17	Analysis of an Ordered, Comprehensive STM Mutant Library in Infectious <i>Borrelia burgdorferi</i> : Insights into the Genes Required for Mouse Infectivity. <i>PLoS ONE</i> , 2012, 7, e47532.	1.1	127
18	Molecular Architecture of the Bacterial Flagellar Motor in Cells. <i>Biochemistry</i> , 2014, 53, 4323-4333.	1.2	124

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19	High- and low-infectivity phenotypes of clonal populations of in vitro-cultured <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 1995, 63, 2206-2212.	1.0	121
20	Characterization of a manganese-dependent regulatory protein, TroR, from <i>Treponema pallidum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 10887-10892.	3.3	119
21	Crystal Structure of Lyme Disease Variable Surface Antigen VlsE of <i>Borrelia burgdorferi</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 21691-21696.	1.6	119
22	Cellular Architecture of <i>Treponema pallidum</i> : Novel Flagellum, Periplasmic Cone, and Cell Envelope as Revealed by Cryo Electron Tomography. <i>Journal of Molecular Biology</i> , 2010, 403, 546-561.	2.0	114
23	A Novel <i>Treponema pallidum</i> Antigen, TP0136, Is an Outer Membrane Protein That Binds Human Fibronectin. <i>Infection and Immunity</i> , 2008, 76, 1848-1857.	1.0	108
24	Whole Genome Sequences of Three <i>Treponema pallidum</i> ssp. <i>pertenue</i> Strains: Yaws and Syphilis <i>Treponemes</i> Differ in Less than 0.2% of the Genome Sequence. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1471.	1.3	106
25	A family of surface-exposed proteins of 20 kilodaltons in the genus <i>Borrelia</i> . <i>Infection and Immunity</i> , 1994, 62, 2792-2799.	1.0	103
26	Toxin Synthesis by <i>Clostridium difficile</i> Is Regulated through Quorum Signaling. <i>MBio</i> , 2015, 6, e02569.	1.8	102
27	Antigenic variation with a twist - the <i>Borrelia</i> story. <i>Molecular Microbiology</i> , 2006, 60, 1319-1322.	1.2	99
28	Cryoelectron tomography reveals the sequential assembly of bacterial flagella in <i>Borrelia burgdorferi</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14390-14395.	3.3	99
29	Detailed Analysis of Sequence Changes Occurring during <i>vlsE</i> Antigenic Variation in the Mouse Model of <i>Borrelia burgdorferi</i> Infection. <i>PLoS Pathogens</i> , 2009, 5, e1000293.	2.1	96
30	<i>vls</i> Antigenic Variation Systems of Lyme Disease <i>Borrelia</i> : Eluding Host Immunity through both Random, Segmental Gene Conversion and Framework Heterogeneity. <i>Microbiology Spectrum</i> , 2014, 2, .	1.2	96
31	Antigenic relatedness and N-terminal sequence homology define two classes of periplasmic flagellar proteins of <i>Treponema pallidum</i> subsp. <i>pallidum</i> and <i>Treponema phagedenis</i> . <i>Journal of Bacteriology</i> , 1988, 170, 4072-4082.	1.0	94
32	Genetic diversity in <i>Treponema pallidum</i> : Implications for pathogenesis, evolution and molecular diagnostics of syphilis and yaws. <i>Infection, Genetics and Evolution</i> , 2012, 12, 191-202.	1.0	90
33	Decreased Electroporation Efficiency in <i>Borrelia burgdorferi</i> Containing Linear Plasmids <i>lp25</i> and <i>lp56</i> : Impact on Transformation of Infectious <i>B. burgdorferi</i> . <i>Infection and Immunity</i> , 2002, 70, 4798-4804.	1.0	88
34	Molecular mechanism for rotational switching of the bacterial flagellar motor. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 1041-1047.	3.6	83
35	Identification and transcriptional analysis of a <i>Treponema pallidum</i> operon encoding a putative ABC transport system, an iron-activated repressor protein homolog, and a glycolytic pathway enzyme homolog. <i>Gene</i> , 1997, 197, 47-64.	1.0	78
36	Role of Acetyl-Phosphate in Activation of the Rrp2-RpoN-RpoS Pathway in <i>Borrelia burgdorferi</i> . <i>PLoS Pathogens</i> , 2010, 6, e1001104.	2.1	78

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37	Analysis of <i>Borrelia burgdorferi</i> vlsE Gene Expression and Recombination in the Tick Vector. <i>Infection and Immunity</i> , 2001, 69, 7083-7090.	1.0	76
38	Identity of <i>Treponema pallidum</i> subsp. <i>pallidum</i> polypeptides: Correlation of sodium dodecyl sulfate-polyacrylamide gel electrophoresis results from different laboratories. <i>Electrophoresis</i> , 1987, 8, 77-92.	1.3	74
39	Relationship of <i>Treponema denticola</i> periplasmic flagella to irregular cell morphology. <i>Journal of Bacteriology</i> , 1997, 179, 1628-1635.	1.0	74
40	Modulation of immunity to <i>Borrelia burgdorferi</i> by ultraviolet irradiation: Differential effect on Th1 and Th2 immune responses. <i>European Journal of Immunology</i> , 1995, 25, 3017-3022.	1.6	72
41	Conversion of a linear to a circular plasmid in the relapsing fever agent <i>Borrelia hermsii</i> . <i>Journal of Bacteriology</i> , 1996, 178, 793-800.	1.0	72
42	Linear and Circular Plasmid Content in <i>Borrelia burgdorferi</i> Clinical Isolates. <i>Infection and Immunity</i> , 2003, 71, 3699-3706.	1.0	71
43	Transcriptome of <i>Treponema pallidum</i> : Gene Expression Profile during Experimental Rabbit Infection. <i>Journal of Bacteriology</i> , 2005, 187, 1866-1874.	1.0	70
44	Central Role of the Holliday Junction Helicase RuvAB in vlsE Recombination and Infectivity of <i>Borrelia burgdorferi</i> . <i>PLoS Pathogens</i> , 2009, 5, e1000679.	2.1	68
45	Complete genome sequence of <i>Treponema pallidum</i> ssp. <i>pallidum</i> strain SS14 determined with oligonucleotide arrays. <i>BMC Microbiology</i> , 2008, 8, 76.	1.3	66
46	Complete Genome Sequence of <i>Treponema paraluis-cuniculi</i> , Strain Cuniculi A: The Loss of Infectivity to Humans Is Associated with Genome Decay. <i>PLoS ONE</i> , 2011, 6, e20415.	1.1	66
47	Effects of vlsE Complementation on the Infectivity of <i>Borrelia burgdorferi</i> Lacking the Linear Plasmid lp28-1. <i>Infection and Immunity</i> , 2004, 72, 6577-6585.	1.0	65
48	Reactivity of Antibodies from Syphilis Patients to a Protein Array Representing the <i>Treponema pallidum</i> Proteome. <i>Journal of Clinical Microbiology</i> , 2006, 44, 888-891.	1.8	65
49	The genome of <i>Treponema pallidum</i> : new light on the agent of syphilis. <i>FEMS Microbiology Reviews</i> , 1998, 22, 323-332.	3.9	63
50	In vitro cultivation of <i>Treponema pallidum</i> : independent confirmation. <i>Infection and Immunity</i> , 1982, 36, 437-439.	1.0	62
51	Genome Scale Identification of <i>Treponema pallidum</i> Antigens. <i>Infection and Immunity</i> , 2005, 73, 4445-4450.	1.0	61
52	Genome Analysis of <i>Treponema pallidum</i> subsp. <i>pallidum</i> and subsp. <i>pertenue</i> Strains: Most of the Genetic Differences Are Localized in Six Regions. <i>PLoS ONE</i> , 2010, 5, e15713.	1.1	59
53	Understanding Barriers to <i>Borrelia burgdorferi</i> Dissemination during Infection Using Massively Parallel Sequencing. <i>Infection and Immunity</i> , 2013, 81, 2347-2357.	1.0	58
54	Effect of Complement Component C3 Deficiency on Experimental Lyme Borreliosis in Mice. <i>Infection and Immunity</i> , 2003, 71, 4432-4440.	1.0	56

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55	Characterization and Serologic Analysis of the <i>Treponema pallidum</i> Proteome. <i>Infection and Immunity</i> , 2010, 78, 2631-2643.	1.0	55
56	A Mutant of <i>Mycobacterium tuberculosis</i> H37Rv That Lacks Expression of Antigen 85A Is Attenuated in Mice but Retains Vaccinogenic Potential. <i>Infection and Immunity</i> , 2004, 72, 7084-7095.	1.0	50
57	Biology of <i>Treponema pallidum</i> : correlation of functional activities with genome sequence data. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2001, 3, 37-62.	1.0	50
58	Lyme Disease Pathogenesis. <i>Current Issues in Molecular Biology</i> , 2022, 42, 473-518.	1.0	49
59	Comparative reactivity of human sera to recombinant VlsE and other <i>Borrelia burgdorferi</i> antigens in class-specific enzyme-linked immunosorbent assays for Lyme borreliosis. <i>Journal of Medical Microbiology</i> , 2002, 51, 649-655.	0.7	49
60	Transcriptional Regulation of the <i>Borrelia burgdorferi</i> Antigenically Variable VlsE Surface Protein. <i>Journal of Bacteriology</i> , 2006, 188, 4879-4889.	1.0	47
61	Transposon mutagenesis as an approach to improved understanding of <i>Borrelia</i> pathogenesis and biology. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 63.	1.8	47
62	Global Tn-seq analysis of carbohydrate utilization and vertebrate infectivity of <i>Borrelia burgdorferi</i> . <i>Molecular Microbiology</i> , 2016, 101, 1003-1023.	1.2	47
63	<i>Mycobacterial</i> Protein HbhA Binds Human Complement Component C3. <i>Infection and Immunity</i> , 2001, 69, 7501-7511.	1.0	45
64	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
65	Systematic Cloning of <i>Treponema pallidum</i> Open Reading Frames for Protein Expression and Antigen Discovery. <i>Genome Research</i> , 2003, 13, 1665-1674.	2.4	43
66	Genome Differences between <i>Treponema pallidum</i> subsp. <i>pallidum</i> Strain Nichols and <i>T. paraluisancuniculi</i> Strain Cuniculi A. <i>Infection and Immunity</i> , 2007, 75, 5859-5866.	1.0	42
67	Extensive interplasmidic duplications change the virulence phenotype of the relapsing fever agent <i>Borrelia turicatae</i> . <i>Molecular Microbiology</i> , 1999, 34, 1120-1132.	1.2	40
68	Structural insights into flagellar stator-rotor interactions. <i>ELife</i> , 2019, 8, .	2.8	40
69	A high-throughput genetic screen identifies previously uncharacterized <i>Borrelia burgdorferi</i> genes important for resistance against reactive oxygen and nitrogen species. <i>PLoS Pathogens</i> , 2017, 13, e1006225.	2.1	36
70	In vitro culture system to determine MICs and MBCs of antimicrobial agents against <i>Treponema pallidum</i> subsp. <i>pallidum</i> (Nichols strain). <i>Antimicrobial Agents and Chemotherapy</i> , 1988, 32, 68-74.	1.4	35
71	Physical map of the genome of <i>Treponema pallidum</i> subsp. <i>pallidum</i> (Nichols). <i>Journal of Bacteriology</i> , 1995, 177, 1797-1804.	1.0	35
72	From microbial genome sequence to applications. <i>Research in Microbiology</i> , 2000, 151, 151-158.	1.0	35

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73	Characterization of the vls antigenic variation loci of the Lyme disease spirochaetes <i>Borrelia garinii</i> lp90 and <i>Borrelia afzelii</i> ACAI. <i>Molecular Microbiology</i> , 2003, 47, 1407-1417.	1.2	35
74	Influence of oxygen tension, sulfhydryl compounds, and serum on the motility and virulence of <i>Treponema pallidum</i> (Nichols strain) in a cell-free system. <i>Infection and Immunity</i> , 1978, 22, 689-697.	1.0	35
75	Conservation and Heterogeneity of vlsE among Human and Tick Isolates of <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2000, 68, 1714-1718.	1.0	34
76	In Vitro Cultivation of the Syphilis Spirochete <i>Treponema pallidum</i> . <i>Current Protocols</i> , 2021, 1, e44.	1.3	34
77	A selective antibiotic for Lyme disease. <i>Cell</i> , 2021, 184, 5405-5418.e16.	13.5	33
78	Mutations in the <i>Borrelia burgdorferi</i> Flagellar Type III Secretion System Genes <i>fliH</i> and <i>fliI</i> Profoundly Affect Spirochete Flagellar Assembly, Morphology, Motility, Structure, and Cell Division. <i>MBio</i> , 2015, 6, e00579-15.	1.8	32
79	Molecular Studies in <i>Treponema pallidum</i> Evolution: Toward Clarity?. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e184.	1.3	31
80	Phosphoenolpyruvate Phosphotransferase System Components Modulate Gene Transcription and Virulence of <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2016, 84, 754-764.	1.0	31
81	Genome structure of spirochetes. <i>Research in Microbiology</i> , 1992, 143, 615-621.	1.0	30
82	High-Throughput Plasmid Content Analysis of <i>Borrelia burgdorferi</i> B31 by Using Luminex Multiplex Technology. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1483-1492.	1.4	29
83	Decreased Infectivity despite Unaltered C3 Binding by a $\hat{\Gamma}$ hbhA Mutant of <i>Mycobacterium tuberculosis</i> . <i>Infection and Immunity</i> , 2002, 70, 6751-6760.	1.0	28
84	Peaceful coexistence amongst <i>Borrelia</i> plasmids: Getting by with a little help from their friends?. <i>Plasmid</i> , 2013, 70, 161-167.	0.4	28
85	Characterization of the cytoplasmic filament protein gene (<i>cfpA</i>) of <i>Treponema pallidum</i> subsp. <i>pallidum</i> . <i>Journal of Bacteriology</i> , 1996, 178, 3177-3187.	1.0	27
86	Isolation and characterization of a <i>Treponema pallidum</i> major 60-kilodalton protein resembling the groEL protein of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1990, 172, 2862-2870.	1.0	26
87	BAC Library of <i>T. pallidum</i> DNA in <i>E. coli</i> . <i>Genome Research</i> , 2002, 12, 515-522.	2.4	26
88	The Nucleotide Excision Repair Pathway Protects <i>Borrelia burgdorferi</i> from Nitrosative Stress in <i>Ixodes scapularis</i> Ticks. <i>Frontiers in Microbiology</i> , 2016, 7, 1397.	1.5	26
89	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
90	Genome-wide screen identifies novel genes required for <i>Borrelia burgdorferi</i> survival in its <i>Ixodes</i> tick vector. <i>PLoS Pathogens</i> , 2019, 15, e1007644.	2.1	25

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91	Antigenicity and recombination of VlsE, the antigenic variation protein of <i>Borrelia burgdorferi</i> , in rabbits, a host putatively resistant to long-term infection with this spirochete. <i>FEMS Immunology and Medical Microbiology</i> , 2007, 50, 421-429.	2.7	21
92	Cryo-electron tomography of periplasmic flagella in <i>Borrelia burgdorferi</i> reveals a distinct cytoplasmic ATPase complex. <i>PLoS Biology</i> , 2018, 16, e3000050.	2.6	21
93	Interaction of spirochetes with the host. <i>Research in Microbiology</i> , 1992, 143, 629-639.	1.0	20
94	Infectivity of the Highly Transformable BBE02â€™ Ip56â€™ Mutant of <i>Borrelia burgdorferi</i> , the Lyme Disease Spirochete, via Ticks. <i>Infection and Immunity</i> , 2006, 74, 3678-3681.	1.0	20
95	The <i>Borrelia burgdorferi</i> Glycosaminoglycan Binding Protein Bgp in the B31 Strain Is Not Essential for Infectivity despite Facilitating Adherence and Tissue Colonization. <i>Infection and Immunity</i> , 2018, 86, .	1.0	20
96	A Retrospective Study on Genetic Heterogeneity within <i>Treponema</i> Strains: Subpopulations Are Genetically Distinct in a Limited Number of Positions. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004110.	1.3	19
97	The Microaerophilic Nature of <i>Treponema pallidum</i> . <i>Sexually Transmitted Diseases</i> , 1982, 9, 1-8.	0.8	18
98	Serum Requirement for the Multiplication of <i>Treponema pallidum</i> in a Tissue-culture System. <i>Sexually Transmitted Diseases</i> , 1986, 13, 207-213.	0.8	18
99	SERUM ANTIBODIES TO BORRELIA BURGDORFERI, ANAPLASMA PHAGOCYTOPHILUM, AND BABESIA MICROTI IN RECAPTURED WHITE-FOOTED MICE. <i>Journal of Wildlife Diseases</i> , 2013, 49, 294-302.	0.3	16
100	Parameters Affecting Continuous <i>In Vitro</i> Culture of <i>Treponema pallidum</i> Strains. <i>MBio</i> , 2021, 12, .	1.8	16
101	Specific Th1 cell lines that confer protective immunity against experimental <i>Borrelia burgdorferi</i> infection in mice. <i>Journal of Leukocyte Biology</i> , 1998, 63, 542-549.	1.5	15
102	Long-term incorporation of tritiated adenine into deoxyribonucleic acid and ribonucleic acid by <i>Treponema pallidum</i> (Nichols strain). <i>Infection and Immunity</i> , 1980, 29, 1040-1049.	1.0	15
103	The genome sequence of <i>Treponema pallidum</i> , the syphilis spirochete: will clinicians benefit?. <i>Current Opinion in Infectious Diseases</i> , 2000, 13, 29-36.	1.3	14
104	The dynamic proteome of Lyme disease <i>Borrelia</i> . <i>Genome Biology</i> , 2006, 7, 209.	13.9	14
105	Enhanced Protective Immunogenicity of Homodimeric <i>Borrelia burgdorferi</i> Outer Surface Protein C. <i>Vaccine Journal</i> , 2017, 24, .	3.2	14
106	The intergenic small non-coding RNA <i>ittA</i> is required for optimal infectivity and tissue tropism in <i>Borrelia burgdorferi</i> . <i>PLoS Pathogens</i> , 2020, 16, e1008423.	2.1	13
107	Analysis of the intergenic sequences provided by Feria-Arroyo et al. does not support the claim of high <i>Borrelia burgdorferi</i> tick infection rates in Texas and northeastern Mexico. <i>Parasites and Vectors</i> , 2014, 7, 467.	1.0	12
108	Comparison of transcriptional profiles of <i>Treponema pallidum</i> during experimental infection of rabbits and <i>in vitro</i> culture: Highly similar, yet different. <i>PLoS Pathogens</i> , 2021, 17, e1009949.	2.1	12

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109	The Genus Treponema. , 1992, , 3537-3559.		12
110	<i>In Vitro</i> Susceptibility of Treponema pallidum subsp. <i>pallidum</i> to Doxycycline. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	11
111	The Thermophilic, Homohexameric Aminopeptidase of Borrelia burgdorferi Is a Member of the M29 Family of Metallopeptidases. Infection and Immunity, 2005, 73, 2253-2261.	1.0	10
112	Hiding in Plain Sight: Colonic Spirochetosis in Humans. Journal of Bacteriology, 2019, 201, .	1.0	9
113	YebC regulates variable surface antigen VlsE expression and is required for host immune evasion in Borrelia burgdorferi. PLoS Pathogens, 2020, 16, e1008953.	2.1	8
114	The Genus Treponema. , 2006, , 211-234.		8
115	Isolated Pontine Progressive Multifocal Leukoencephalopathy: Unusual Magnetic Resonance Imaging Features. Journal of Neuroimaging, 2002, 12, 63-66.	1.0	7
116	Response to Esteve-Gassent et al.: flaB sequences obtained from Texas PCR products are identical to the positive control strain Borrelia burgdorferi B31. Parasites and Vectors, 2015, 8, 310.	1.0	7
117	How do Lyme Borrelia Organisms Cause Disease? The Quest for Virulence Determinants. The Open Neurology Journal, 2012, 6, 119-123.	0.4	7
118	Illuminating the agent of syphilis: The Treponema pallidum genome project (minireview). Electrophoresis, 1998, 19, 551-553.	1.3	6
119	OptiSol Corneal Storage Medium and Transmission of Treponema Pallidum. Cornea, 1995, 14, 595-600.	0.9	5
120	Out of the Woods: the Remarkable Genomes of the Genus Borrelia. Journal of Bacteriology, 2011, 193, 6812-6814.	1.0	5
121	vlsAntigenic Variation Systems of Lyme Disease Borrelia: Eluding Host Immunity through both Random, Segmental Gene Conversion and Framework Heterogeneity. , 2015, , 471-489.		4
122	Demonstration of Treponema pallidum in a cutaneous gumma by indirect immunofluorescence. Archives of Dermatology, 1983, 119, 677-680.	1.7	4
123	SERUM ANTIBODIES TO WHOLE-CELL AND RECOMBINANT ANTIGENS OF BORRELIA BURGDORFERI IN COTTONTAIL RABBITS. Journal of Wildlife Diseases, 2012, 48, 12-20.	0.3	2
124	BBB07 contributes to, but is not essential for, Borrelia burgdorferi infection in mice. Microbiology (United Kingdom), 2020, 166, 988-994.	0.7	2
125	Construction of Small Genome BAC Library for Functional and Genomic Applications. , 2004, 255, 047-056.		1
126	Antigenic Variation in Lyme Disease Borreliae by Promiscuous Recombination of VMP-like Sequence Cassettes. Cell, 1999, 96, 447.	13.5	0

#	ARTICLE	IF	CITATIONS
127	Intact Flagellar Motor Architecture Revealed by Cryo-Electron Tomography. Biophysical Journal, 2009, 96, 412a.	0.2	0
128	Catching up with Lyme Disease Antigenic Variation Computationally. Trends in Microbiology, 2018, 26, 644-645.	3.5	0
129	Comparative Pathogenomics of Spirochetes. , 0, , 141-159.		0