Catherine A Brissette

List of Publications by Year
in descending order

50	2,151	218677	233421
papers	citations	26 h-index	45 g-index

53	53	53	1797
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Host transcriptome response to Borrelia burgdorferi sensu lato. Ticks and Tick-borne Diseases, 2021, 12, 101638.	2.7	8
2	A murine model of Lyme disease demonstrates that Borrelia burgdorferi colonizes the dura mater and induces inflammation in the central nervous system. PLoS Pathogens, 2021, 17, e1009256.	4.7	30
3	The Brilliance of Borrelia: Mechanisms of Host Immune Evasion by Lyme Disease-Causing Spirochetes. Pathogens, 2021, 10, 281.	2.8	28
4	The Lyme disease spirochete's BpuR DNA/RNAâ€binding protein is differentially expressed during the mammalâ€“tick infectious cycle, which affects translation of the SodA superoxide dismutase. Molecular Microbiology, 2019, 112, 973-991.	2.5	11
5	TICK TOCK-Time Is Running Out, as the United States Is Being Invaded by the Longhorned Tick!. Vector-Borne and Zoonotic Diseases, 2019, 19, 307-308.	1.5	0
6	DNA Methylation by Restriction Modification Systems Affects the Global Transcriptome Profile in Borrelia burgdorferi. Journal of Bacteriology, 2018, 200, .	2.2	30
7	Borrelia burgdorferi adhere to blood vessels in the dura mater and are associated with increased meningeal T cells during murine disseminated borreliosis. PLoS ONE, 2018, 13, e0196893.	2.5	16
8	Transcriptomic insights on the virulence-controlling CsrA, BadR, RpoN, and RpoS regulatory networks in the Lyme disease spirochete. PLoS ONE, 2018, 13, e0203286.	2.5	26
9	Borrelia burgdorferi SpoVG DNA- and RNA-Binding Protein Modulates the Physiology of the Lyme Disease Spirochete. Journal of Bacteriology, 2018, 200, .	2.2	20
10	Primary Human Microglia Are Phagocytically Active and Respond to Borrelia burgdorferi With Upregulation of Chemokines and Cytokines. Frontiers in Microbiology, 2018, 9, 811.	3.5	19
11	Brave New Worlds: The Expanding Universe of Lyme Disease. Vector-Borne and Zoonotic Diseases, 2017, 17, 619-629.	1.5	82
12	Design of a Lyme Disease Vaccine as an Active Learning Approach in a Novel Interdisciplinary Graduate-Level Course. Journal of Microbiology and Biology Education, 2017, 18, .	1.0	0
13	Host Immune Evasion by Lyme and Relapsing Fever Borreliae: Findings to Lead Future Studies for Borrelia miyamotoi. Frontiers in Immunology, 2017, 8, 12.	4.8	31
14	MicroRNA and mRNA Transcriptome Profiling in Primary Human Astrocytes Infected with Borrelia burgdorferi. PLoS ONE, 2017, 12, e0170961.	2.5	25
15	RNA-Seq of Borrelia burgdorferi in Multiple Phases of Growth Reveals Insights into the Dynamics of Gene Expression, Transcriptome Architecture, and Noncoding RNAs. PLoS ONE, 2016, 11, e0164165.	2.5	67
16	Laboratory Cultivation and Maintenance of Borrelia miyamotoi. Current Protocols in Microbiology, 2016, 42, 12F.1.1-12F.1.6.	6.5	1
17	Lyme disease: recent advances and perspectives. Frontiers in Cellular and Infection Microbiology, 2015, 5, 27.	3.9	4
18	Escherichia coli lipoprotein binds human plasminogen via an intramolecular domain. Frontiers in Microbiology, 2015, 6, 1095.	3.5	11

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19	Borrelia burgdorferi RevA Significantly Affects Pathogenicity and Host Response in the Mouse Model of Lyme Disease. Infection and Immunity, 2015, 83, 3675-3683.	2.2	19
20	Epigenetics of Inflammation, Maternal Infection, and Nutrition1â€“3. Journal of Nutrition, 2015, 145, 1109S-1115S.	2.9	49
21	The Western Progression of Lyme Disease: Infectious and NonclonalBorrelia burgdorferi Sensu LatoPopulations in Grand Forks County, North Dakota. Applied and Environmental Microbiology, 2015, 81, 48-58.	3.1	18
22	That's my story, and I'm sticking to itÃ¢â‚¬â€an update on B. burgdorferi adhesins. Frontiers in Cellular and Infection Microbiology, 2014, 4, 41.	3.9	49
23	The Multifaceted Responses of Primary Human Astrocytes and Brain Microvascular Endothelial Cells to the Lyme Disease Spirochete, Borrelia Burgdorferi. ASN Neuro, 2013, 5, AN20130010.	2.7	22
24	Evaluation of RevA, a Fibronectin-Binding Protein of Borrelia burgdorferi, as a Potential Vaccine Candidate for Lyme Disease. Vaccine Journal, 2013, 20, 892-899.	3.1	27
25	BB0347, from the Lyme Disease Spirochete Borrelia burgdorferi, Is Surface Exposed and Interacts with the CS1 Heparin-Binding Domain of Human Fibronectin. PLoS ONE, 2013, 8, e75643.	2.5	28
26	EbfC (YbaB) Is a New Type of Bacterial Nucleoid-Associated Protein and a Global Regulator of Gene Expression in the Lyme Disease Spirochete. Journal of Bacteriology, 2012, 194, 3395-3406.	2.2	43
27	BpaB and EbfC DNA-Binding Proteins Regulate Production of the Lyme Disease Spirochete's Infection-Associated Erp Surface Proteins. Journal of Bacteriology, 2012, 194, 778-786.	2.2	33
28	Acetate supplementation reduces microglia activation and brain interleukin-1Î² levels in a rat model of Lyme neuroborreliosis. Journal of Neuroinflammation, 2012, 9, 249.	7.2	33
29	Borrelia burgdorferi Enolase Is a Surface-Exposed Plasminogen Binding Protein. PLoS ONE, 2011, 6, e27502.	2.5	95
30	The Borrelial Fibronectin-Binding Protein RevA Is an Early Antigen of Human Lyme Disease. Vaccine Journal, 2010, 17, 274-280.	3.1	28
31	Leptospiral Endostatin-Like Protein A Is a Bacterial Cell Surface Receptor for Human Plasminogen. Infection and Immunity, 2010, 78, 2053-2059.	2.2	78
32	Functional Characterization ofBorrelia spielmaniiOuter Surface Proteins That Interact with Distinct Members of the Human Factor H Protein Family and with Plasminogen. Infection and Immunity, 2010, 78, 39-48.	2.2	50
33	Simultaneous Isolation of Ixodidae and Bacterial (Borrelia spp.) Genomic DNA. Current Protocols in Microbiology, 2010, 19, Unit1E.2.	6.5	8
34	Borrelia burgdorferi RevA Antigen Binds Host Fibronectin. Infection and Immunity, 2009, 77, 2802-2812.	2.2	79
35	Borrelia burgdorferi BmpA Is a Laminin-Binding Protein. Infection and Immunity, 2009, 77, 4940-4946.	2.2	66
36	Borrelia burgdorferi Infection-Associated Surface Proteins ErpP, ErpA, and ErpC Bind Human Plasminogen. Infection and Immunity, 2009, 77, 300-306.	2.2	103

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37	The Borrelia burgdorferi outer-surface protein ErpX binds mammalian laminin. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	65
38	Borrelia burgdorferi EbfC defines a newly-identified, widespread family of bacterial DNA-binding proteins. Nucleic Acids Research, 2009, 37, 1973-1983.	14.5	36
39	Lyme borreliosis spirochete Erp proteins, their known host ligands, and potential roles in mammalian infection. International Journal of Medical Microbiology, 2008, 298, 257-267.	3.6	45
40	Borrelia burgdorferi complement regulator-acquiring surface proteins (BbCRASPs): Expression patterns during the mammalâ€“tick infection cycle. International Journal of Medical Microbiology, 2008, 298, 249-256.	3.6	51
41	Borrelia burgdorferi Complement Regulator-Acquiring Surface Protein 2 (CspZ) as a Serological Marker of Human Lyme Disease. Vaccine Journal, 2008, 15, 484-491.	3.1	38
42	Coordinated Expression of Borrelia burgdorferi Complement Regulator-Acquiring Surface Proteins during the Lyme Disease Spirochete's Mammal-Tick Infection Cycle. Infection and Immunity, 2007, 75, 4227-4236.	2.2	110
43	Mechanisms of Decreased Susceptibility to Î²-Defensins by Treponema denticola. Infection and Immunity, 2007, 75, 2307-2315.	2.2	23
44	Leptospira interrogans Endostatin-Like Outer Membrane Proteins Bind Host Fibronectin, Laminin and Regulators of Complement. PLoS ONE, 2007, 2, e1188.	2.5	189
45	Treponema denticola Is Resistant to Human Î²-Defensins. Infection and Immunity, 2002, 70, 3982-3984.	2.2	39
46	A recombinase A-deficient strain ofActinobacillus actinomycetemcomitansconstructed by insertional mutagenesis using a mobilizable plasmid. FEMS Microbiology Letters, 2002, 206, 87-92.	1.8	26
47	A recombinase A-deficient strain of Actinobacillus actinomycetemcomitans constructed by insertional mutagenesis using a mobilizable plasmid. FEMS Microbiology Letters, 2002, 206, 87-92.	1.8	2
48	Actinobacillus actinomycetemcomitansmay utilize either actin-dependent or actin-independent mechanisms of invasion. Oral Microbiology and Immunology, 1999, 14, 137-142.	2.8	29
49	Virulence factors of Actinobacillus actinomycetemcomitans. Periodontology 2000, 1999, 20, 136-167.	13.4	259
50	Implications and Aspects of Lyme Neuroborreliosis. EMJ Microbiology & Infectious Diseases, 0, , 72-79.	0.0	0