

Monica E Embers

List of Publications by Year in descending order

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56
papers

3,249
citations

304743
22
h-index

149698
56
g-index

64
all docs

64
docs citations

64
times ranked

3406
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible Defects in Natural Killer and Memory Cd8 T Cell Lineages in Interleukin 15â€“Deficient Mice. <i>Journal of Experimental Medicine</i> , 2000, 191, 771-780.	8.5	1,458
2	Persistence of <i>Borrelia burgdorferi</i> in Rhesus Macaques following Antibiotic Treatment of Disseminated Infection. <i>PLoS ONE</i> , 2012, 7, e29914.	2.5	194
3	Hybrid Papillomavirus L1 Molecules Assemble into Virus-like Particles That Reconstitute Conformational Epitopes and Induce Neutralizing Antibodies to Distinct HPV Types. <i>Virology</i> , 2001, 291, 324-334.	2.4	121
4	Protective Immunity to Rabbit Oral and Cutaneous Papillomaviruses by Immunization with Short Peptides of L2, the Minor Capsid Protein. <i>Journal of Virology</i> , 2002, 76, 9798-9805.	3.4	98
5	Human Bartonellosis: An Underappreciated Public Health Problem?. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 69.	2.3	88
6	Survival strategies of <i>Borrelia burgdorferi</i> , the etiologic agent of Lyme disease. <i>Microbes and Infection</i> , 2004, 6, 312-318.	1.9	86
7	Vaccination against Lyme disease: past, present, and future. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 6.	3.9	69
8	Late Disseminated Lyme Disease. <i>American Journal of Pathology</i> , 2018, 188, 672-682.	3.8	65
9	Variable manifestations, diverse seroreactivity and post-treatment persistence in non-human primates exposed to <i>Borrelia burgdorferi</i> by tick feeding. <i>PLoS ONE</i> , 2017, 12, e0189071.	2.5	60
10	Recent Progress in Lyme Disease and Remaining Challenges. <i>Frontiers in Medicine</i> , 2021, 8, 666554.	2.6	55
11	Persister Development by <i>Borrelia burgdorferi</i> Populations <i>In Vitro</i>. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6288-6295.	3.2	54
12	Effect of <i>Borrelia burgdorferi</i> Genotype on the Sensitivity of C6 and 2â€“Tier Testing in North American Patients with Cultureâ€“Confirmed Lyme Disease. <i>Clinical Infectious Diseases</i> , 2008, 47, 910-914.	5.8	45
13	Genetic Dissection of VÎ±14JÎ±18 Natural T Cell Number and Function in Autoimmune-Prone Mice. <i>Journal of Immunology</i> , 2003, 170, 5429-5437.	0.8	40
14	Dominant Epitopes of the C6 Diagnostic Peptide of <i>Borrelia burgdorferi</i> Are Largely Inaccessible to Antibody on the Parent VlsE Molecule. <i>Vaccine Journal</i> , 2007, 14, 931-936.	3.1	37
15	Five-Antigen Fluorescent Bead-Based Assay for Diagnosis of Lyme Disease. <i>Vaccine Journal</i> , 2016, 23, 294-303.	3.1	36
16	Stationary phase persister/biofilm microcolony of <i>Borrelia burgdorferi</i> causes more severe disease in a mouse model of Lyme arthritis: implications for understanding persistence, Post-treatment Lyme Disease Syndrome (PTLDS), and treatment failure. <i>Discovery Medicine</i> , 2019, 27, 125-138.	0.5	36
17	Immunomodulatory effects of tick saliva on dermal cells exposed to <i>Borrelia burgdorferi</i> , the agent of Lyme disease. <i>Parasites and Vectors</i> , 2016, 9, 394.	2.5	31
18	The Failure of Immune Response Evasion by Linear Plasmid 28-1-Deficient <i>Borrelia burgdorferi</i> Is Attributable to Persistent Expression of an Outer Surface Protein. <i>Infection and Immunity</i> , 2008, 76, 3984-3991.	2.2	30

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19	Robust B Cell Responses Predict Rapid Resolution of Lyme Disease. <i>Frontiers in Immunology</i> , 2018, 9, 1634.	4.8	28
20	Analysis of the antigenic determinants of the OspC protein of the Lyme disease spirochetes: Evidence that the C10 motif is not immunodominant or required to elicit bactericidal antibody responses. <i>Vaccine</i> , 2019, 37, 2401-2407.	3.8	25
21	<i>Amblyomma maculatum</i> Feeding Augments <i>Rickettsia parkeri</i> Infection in a Rhesus Macaque Model: A Pilot Study. <i>PLoS ONE</i> , 2015, 10, e0135175.	2.5	22
22	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
23	Dynamic Longitudinal Antibody Responses during <i>Borrelia burgdorferi</i> Infection and Antibiotic Treatment of Rhesus Macaques. <i>Vaccine Journal</i> , 2012, 19, 1218-1226.	3.1	21
24	Different Patterns of Expression and of IL-10 Modulation of Inflammatory Mediators from Macrophages of Lyme Disease-Resistant and -Susceptible Mice. <i>PLoS ONE</i> , 2012, 7, e43860.	2.5	21
25	Detecting <i>Borrelia</i> Spirochetes: A Case Study With Validation Among Autopsy Specimens. <i>Frontiers in Neurology</i> , 2021, 12, 628045.	2.4	20
26	Characterization of a <i>Moraxella</i> species that causes epistaxis in macaques. <i>Veterinary Microbiology</i> , 2011, 147, 367-375.	1.9	19
27	Differential antibody responses to a distinct region of human papillomavirus minor capsid proteins. <i>Vaccine</i> , 2004, 22, 670-680.	3.8	18
28	<i>Borrelia miyamotoi</i> infection leads to cross-reactive antibodies to the C6 peptide in mice and men. <i>Clinical Microbiology and Infection</i> , 2020, 26, 513.e1-513.e6.	6.0	17
29	Comparison of Tick Feeding Success and Vector Competence for <i>Borrelia burgdorferi</i> Among Immature <i>Ixodes scapularis</i> (Ixodida: Ixodidae) of Both Southern and Northern Clades. <i>Journal of Medical Entomology</i> , 2015, 52, 81-85.	1.8	16
30	<i>Borrelia burgdorferi</i> Spirochetes That Harbor Only a Portion of the lp28-1 Plasmid Elicit Antibody Responses Detectable with the C 6 Test for Lyme Disease. <i>Vaccine Journal</i> , 2007, 14, 90-93.	3.1	15
31	Blocking <i>Borrelia burgdorferi</i> transmission from infected ticks to nonhuman primates with a human monoclonal antibody. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	15
32	Improving rigor and reproducibility in nonhuman primate research. <i>American Journal of Primatology</i> , 2021, 83, e23331.	1.7	14
33	<i>Borrelia burgdorferi</i> Antimicrobial-Tolerant Persistence in Lyme Disease and Posttreatment Lyme Disease Syndromes. <i>MBio</i> , 2022, 13, e0344021.	4.1	14
34	Feeding of Ticks on Animals for Transmission and Xenodiagnosis in Lyme Disease Research. <i>Journal of Visualized Experiments</i> , 2013, , .	0.3	13
35	The Functional and Molecular Effects of Doxycycline Treatment on <i>Borrelia burgdorferi</i> Phenotype. <i>Frontiers in Microbiology</i> , 2019, 10, 690.	3.5	13
36	Bed Bug Saliva Causes Release of Monocytic Inflammatory Mediators: Plausible Cause of Cutaneous Bite Reactions. <i>International Archives of Allergy and Immunology</i> , 2013, 161, 127-130.	2.1	11

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37	Pharmacokinetic analysis of oral doxycycline in rhesus macaques. Journal of Medical Primatology, 2013, 42, 57-61.	0.6	11
38	Is selenoprotein K required for <i>Borrelia burgdorferi</i> infection within the tick vector <i>Ixodes scapularis</i> ?. Parasites and Vectors, 2019, 12, 289.	2.5	11
39	An Exploratory Study on the Microbiome of Northern and Southern Populations of <i>Ixodes scapularis</i> Ticks Predicts Changes and Unique Bacterial Interactions. Pathogens, 2022, 11, 130.	2.8	11
40	Real-Time Monitoring of Disease Progression in Rhesus Macaques Infected With <i>Borrelia turicatae</i> by Tick Bite. Journal of Infectious Diseases, 2014, 210, 1639-1648.	4.0	8
41	Report of the Pathogenesis and Pathophysiology of Lyme Disease Subcommittee of the HHS Tick Borne Disease Working Group. Frontiers in Medicine, 2021, 8, 643235.	2.6	6
42	Characterization of Immunological Responses to <i>Borrelia</i> Immunogenic Protein A (BipA), a Species-Specific Antigen for North American Tick-Borne Relapsing Fever. Microbiology Spectrum, 2022, 10, e0172221.	3.0	6
43	The Pathogenic Spirochetes: strategies for evasion of host immunity and persistence. , 2012, , .		5
44	Multi-platform Approach for Microbial Biomarker Identification Using <i>Borrelia burgdorferi</i> as a Model. Frontiers in Cellular and Infection Microbiology, 2019, 9, 179.	3.9	5
45	Development of real-time PCR assays for the detection of <i>Moraxella macacae</i> associated with bloody nose syndrome in rhesus (<i>Macaca mulatta</i>) and cynomolgus (<i>Macaca fascicularis</i>) macaques. Journal of Medical Primatology, 2015, 44, 364-372.	0.6	4
46	Immunological Responses to the Relapsing Fever Spirochete <i>Borrelia turicatae</i> in Infected Rhesus Macaques: Implications for Pathogenesis and Diagnosis. Infection and Immunity, 2019, 87, .	2.2	4
47	Does Dementia Have a Microbial Cause?. NeuroSci, 2022, 3, 262-283.	1.2	4
48	Human immunoglobulin G responses to <i>Cimex lectularius</i> L. saliva. Parasite Immunology, 2020, 42, e12764.	1.5	3
49	Visualizing <i>Borrelia burgdorferi</i> Infection Using a Small-Molecule Imaging Probe. Journal of Clinical Microbiology, 2021, 59, e0231320.	3.9	3
50	Antibiotic Susceptibility of <i>Bartonella</i> Grown in Different Culture Conditions. Pathogens, 2021, 10, 718.	2.8	3
51	<i>Borrelia burgdorferi</i> Persistence Post-antibiotic Treatment. , 2012, , 229-257.		3
52	Identification of microRNAs in the Lyme Disease Vector <i>Ixodes scapularis</i> . International Journal of Molecular Sciences, 2022, 23, 5565.	4.1	3
53	Septic arthritis due to <i>Moraxella osloensis</i> in a rhesus macaque (<i>Macaca mulatta</i>). Comparative Medicine, 2013, 63, 521-7.	1.0	2
54	Western Blotting of Human Sera-Can It Help Diagnose Bed Bug Bites?. Skinmed, 2015, 13, 345-6.	0.0	2

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55	<i>Borrelia burgdorferi</i> Migration Assays for Evaluation of Chemoattractants in Tick Saliva. <i>Pathogens</i> , 2022, 11, 530.	2.8	2
56	Animal Models of Borreliosis. , 2021, , .		1