Monica E Embers

List of Publications by Year
in descending order

56 papers	3,249 citations	304602 22 h-index	149623 56 g-index
64 all docs	64 docs citations	64 times ranked	3406 citing authors

#	Article	IF	Citations
1	An Exploratory Study on the Microbiome of Northern and Southern Populations of Ixodes scapularis Ticks Predicts Changes and Unique Bacterial Interactions. Pathogens, 2022, 11, 130.	1.2	11
2	Borreliella burgdorferi Antimicrobial-Tolerant Persistence in Lyme Disease and Posttreatment Lyme Disease Syndromes. MBio, 2022, 13, e0344021.	1.8	14
3	Borrelia burgdorferi Migration Assays for Evaluation of Chemoattractants in Tick Saliva. Pathogens, 2022, 11, 530.	1.2	2
4	Identification of microRNAs in the Lyme Disease Vector Ixodes scapularis. International Journal of Molecular Sciences, 2022, 23, 5565.	1.8	3
5	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.	1.2	6
6	Does Dementia Have a Microbial Cause?. NeuroSci, 2022, 3, 262-283.	0.4	4
7	Animal Models of Borreliosis. , 2021, , .		1
8	Detecting Borrelia Spirochetes: A Case Study With Validation Among Autopsy Specimens. Frontiers in Neurology, 2021, 12, 628045.	1.1	20
9	Blocking Borrelia burgdorferi transmission from infected ticks to nonhuman primates with a human monoclonal antibody. Journal of Clinical Investigation, 2021, 131, .	3.9	15
10	Visualizing Borrelia burgdorferi Infection Using a Small-Molecule Imaging Probe. Journal of Clinical Microbiology, 2021, 59, e0231320.	1.8	3
11	Antibiotic Susceptibility of Bartonella Grown in Different Culture Conditions. Pathogens, 2021, 10, 718.	1.2	3
12	Report of the Pathogenesis and Pathophysiology of Lyme Disease Subcommittee of the HHS Tick Borne Disease Working Group. Frontiers in Medicine, 2021, 8, 643235.	1.2	6
13	Recent Progress in Lyme Disease and Remaining Challenges. Frontiers in Medicine, 2021, 8, 666554.	1.2	55
14	Improving rigor and reproducibility in nonhuman primate research. American Journal of Primatology, 2021, 83, e23331.	0.8	14
15	Borrelia miyamotoi infection leads to cross-reactive antibodies to the C6 peptide in mice and men. Clinical Microbiology and Infection, 2020, 26, 513.e1-513.e6.	2.8	17
16	Human immunoglobulin G responses to Cimex lectularius L. saliva. Parasite Immunology, 2020, 42, e12764.	0.7	3
17	Is selenoprotein K required for Borrelia burgdorferi infection within the tick vector Ixodes scapularis?. Parasites and Vectors, 2019, 12, 289.	1.0	11
18	The Functional and Molecular Effects of Doxycycline Treatment on Borrelia burgdorferi Phenotype. Frontiers in Microbiology, 2019, 10, 690.	1.5	13

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19	Multi-platform Approach for Microbial Biomarker Identification Using Borrelia burgdorferi as a Model. Frontiers in Cellular and Infection Microbiology, 2019, 9, 179.	1.8	5
20	Human Bartonellosis: An Underappreciated Public Health Problem?. Tropical Medicine and Infectious Disease, 2019, 4, 69.	0.9	88
21	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. Vaccine, 2019, 37, 2401-2407.	1.7	25
22	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, .	1.0	4
23	Stationary phase persister/biofilm microcolony of Borrelia burgdorferi causes more severe disease in a mouse model of Lyme arthritis: implications for understanding persistence, Post-treatment Lyme Disease Syndrome (PTLDS), and treatment failure. Discovery Medicine, 2019, 27, 125-138.	0.5	36
24	Late Disseminated Lyme Disease. American Journal of Pathology, 2018, 188, 672-682.	1.9	65
25	Robust B Cell Responses Predict Rapid Resolution of Lyme Disease. Frontiers in Immunology, 2018, 9, 1634.	2.2	28
26	Variable manifestations, diverse seroreactivity and post-treatment persistence in non-human primates exposed to Borrelia burgdorferi by tick feeding. PLoS ONE, 2017, 12, e0189071.	1.1	60
27	Immunomodulatory effects of tick saliva on dermal cells exposed to Borrelia burgdorferi, the agent of Lyme disease. Parasites and Vectors, 2016, 9, 394.	1.0	31
28	Five-Antigen Fluorescent Bead-Based Assay for Diagnosis of Lyme Disease. Vaccine Journal, 2016, 23, 294-303.	3.2	36
29	Development of realâ€time PCR assays for the detection of Moraxella macacae associated with bloody nose syndrome in rhesus (Macaca mulatta) and cynomolgus (Macaca fascicularis) macaques. Journal of Medical Primatology, 2015, 44, 364-372.	0.3	4
30	Amblyomma maculatum Feeding Augments Rickettsia parkeri Infection in a Rhesus Macaque Model: A Pilot Study. PLoS ONE, 2015, 10, e0135175.	1.1	22
31	Comparison of Tick Feeding Success and Vector Competence for Borrelia burgdorferi Among Immature Ixodes scapularis (Ixodida: Ixodidae) of Both Southern and Northern Clades. Journal of Medical Entomology, 2015, 52, 81-85.	0.9	16
32	Persister Development by Borrelia burgdorferi Populations <i>In Vitro</i>. Antimicrobial Agents and Chemotherapy, 2015, 59, 6288-6295.	1.4	54
33	Western Blotting of Human Sera-Can It Help Diagnose Bed Bug Bites?. Skinmed, 2015, 13, 345-6.	0.0	2
34	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.	1.9	8
35	Bed Bug Saliva Causes Release of Monocytic Inflammatory Mediators: Plausible Cause of Cutaneous Bite Reactions. International Archives of Allergy and Immunology, 2013, 161, 127-130.	0.9	11
36	Pharmacokinetic analysis of oral doxycycline in rhesus macaques. Journal of Medical Primatology, 2013, 42, 57-61.	0.3	11

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37	Feeding of Ticks on Animals for Transmission and Xenodiagnosis in Lyme Disease Research. Journal of Visualized Experiments, 2013, , .	0.2	13
38	Vaccination against Lyme disease: past, present, and future. Frontiers in Cellular and Infection Microbiology, 2013, 3, 6.	1.8	69
39	Septic arthritis due to moraxella osloensis in a rhesus macaque (Macaca mulatta). Comparative Medicine, 2013, 63, 521-7.	0.4	2
40	Dynamic Longitudinal Antibody Responses during Borrelia burgdorferi Infection and Antibiotic Treatment of Rhesus Macaques. Vaccine Journal, 2012, 19, 1218-1226.	3.2	21
41	The Pathogenic Spirochetes: strategies for evasion of host immunity and persistence. , 2012, , .		5
42	Borrelia burgdorferi Persistence Post-antibiotic Treatment. , 2012, , 229-257.		3
43	Persistence of Borrelia burgdorferi in Rhesus Macaques following Antibiotic Treatment of Disseminated Infection. PLoS ONE, 2012, 7, e29914.	1.1	194
44	Different Patterns of Expression and of IL-10 Modulation of Inflammatory Mediators from Macrophages of Lyme Disease-Resistant and -Susceptible Mice. PLoS ONE, 2012, 7, e43860.	1.1	21
45	Characterization of a Moraxella species that causes epistaxis in macaques. Veterinary Microbiology, 2011, 147, 367-375.	0.8	19
46	Effect ofBorrelia burgdorferiGenotype on the Sensitivity of C6 and 2â€Tier Testing in North American Patients with Cultureâ€Confirmed Lyme Disease. Clinical Infectious Diseases, 2008, 47, 910-914.	2.9	45
47	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. Infection and Immunity, 2008, 76, 3984-3991.	1.0	30
48	Dominant Epitopes of the C6 Diagnostic Peptide of Borrelia burgdorferi Are Largely Inaccessible to Antibody on the Parent VlsE Molecule. Vaccine Journal, 2007, 14, 931-936.	3.2	37
49	Borrelia burgdorferi Spirochetes That Harbor Only a Portion of the lp28-1 Plasmid Elicit Antibody Responses Detectable with the C 6 Test for Lyme Disease. Vaccine Journal, 2007, 14, 90-93.	3.2	15
50	Antigenicity and recombination of VlsE, the antigenic variation protein ofBorrelia burgdorferi, in rabbits, a host putatively resistant to long-term infection with this spirochete. FEMS Immunology and Medical Microbiology, 2007, 50, 421-429.	2.7	21
51	Survival strategies of Borrelia burgdorferi, the etiologic agent of Lyme disease. Microbes and Infection, 2004, 6, 312-318.	1.0	86
52	Differential antibody responses to a distinct region of human papillomavirus minor capsid proteins. Vaccine, 2004, 22, 670-680.	1.7	18
53	Genetic Dissection of VÎ±14JÎ±18 Natural T Cell Number and Function in Autoimmune-Prone Mice. Journal of Immunology, 2003, 170, 5429-5437.	0.4	40
54	Protective Immunity to Rabbit Oral and Cutaneous Papillomaviruses by Immunization with Short Peptides of L2, the Minor Capsid Protein. Journal of Virology, 2002, 76, 9798-9805.	1.5	98

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55	Hybrid Papillomavirus L1 Molecules Assemble into Virus-like Particles That Reconstitute Conformational Epitopes and Induce Neutralizing Antibodies to Distinct HPV Types. Virology, 2001, 291, 324-334.	1.1	121
56	Reversible Defects in Natural Killer and Memory Cd8 T Cell Lineages in Interleukin 15â€“Deficient Mice. Journal of Experimental Medicine, 2000, 191, 771-780.	4.2	1,458