

Jeffrey W Priest

List of Publications by Year in descending order

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56
papers

2,582
citations

236925

25
h-index

206112

48
g-index

60
all docs

60
docs citations

60
times ranked

2627
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the global burden, novel diagnostics, therapeutics, and vaccine targets for cryptosporidium. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 85-94.	9.1	725
2	CT694 and pgp3 as Serological Tools for Monitoring Trachoma Programs. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1873.	3.0	98
3	Detection by Enzyme Immunoassay of Serum Immunoglobulin G Antibodies That Recognize Specific <i>Cryptosporidium parvum</i> Antigens. <i>Journal of Clinical Microbiology</i> , 1999, 37, 1385-1392.	3.9	86
4	Integrated Serologic Surveillance of Population Immunity and Disease Transmission. <i>Emerging Infectious Diseases</i> , 2018, 24, 1188-1194.	4.3	81
5	Development of a new platform for neglected tropical disease surveillance. <i>International Journal for Parasitology</i> , 2012, 42, 797-800.	3.1	74
6	<i>Cryptosporidium parvum</i> Specific Antibody Responses among Children Residing in Milwaukee during the 1993 Waterborne Outbreak. <i>Journal of Infectious Diseases</i> , 2001, 183, 1373-1379.	4.0	72
7	Cloning of the immunodominant 17-kDa antigen from <i>Cryptosporidium parvum</i> . <i>Molecular and Biochemical Parasitology</i> , 2000, 106, 261-271.	1.1	68
8	Longitudinal Monitoring of the Development of Antifilarial Antibodies and Acquisition of <i>Wuchereria bancrofti</i> in a Highly Endemic Area of Haiti. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1941.	3.0	66
9	Measuring changes in transmission of neglected tropical diseases, malaria, and enteric pathogens from quantitative antibody levels. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005616.	3.0	63
10	PREVALENCE OF INFECTION WITH WATERBORNE PATHOGENS: A SEROEPIDEMIOLOGIC STUDY IN CHILDREN 6-36 MONTHS OLD IN SAN JUAN SACATEPEQUEZ, GUATEMALA. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 70, 83-88.	1.4	58
11	Enzyme Immunoassay Detection of Antigen-Specific Immunoglobulin G Antibodies in Longitudinal Serum Samples from Patients with Cryptosporidiosis. <i>Vaccine Journal</i> , 2001, 8, 415-423.	2.6	57
12	<i>Cryptosporidium parvum</i> glycoprotein gp40 localizes to the sporozoite surface by association with gp15. <i>Molecular and Biochemical Parasitology</i> , 2007, 156, 80-83.	1.1	56
13	Multiplex Bead Assay for Serum Samples from Children in Haiti Enrolled in a Drug Study for the Treatment of Lymphatic Filariasis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 85, 229-237.	1.4	54
14	Longitudinal Analysis of <i>Cryptosporidium</i> Species-Specific Immunoglobulin G Antibody Responses in Peruvian Children. <i>Vaccine Journal</i> , 2006, 13, 123-131.	3.1	53
15	DETECTION OF CRYPTOSPORIDIUM ANTIBODIES IN SERA AND ORAL FLUIDS USING MULTIPLEX BEAD ASSAY*. <i>Journal of Parasitology</i> , 2004, 90, 397-404.	0.7	51
16	Development of Ss-NIE-1 Recombinant Antigen Based Assays for Immunodiagnosis of Strongyloidiasis. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003694.	3.0	50
17	Multiplex Assay Detection of Immunoglobulin G Antibodies That Recognize <i>Giardia intestinalis</i> and <i>Cryptosporidium parvum</i> Antigens. <i>Vaccine Journal</i> , 2010, 17, 1695-1707.	3.1	48
18	Integration of Multiplex Bead Assays for Parasitic Diseases into a National, Population-Based Serosurvey of Women 15-39 Years of Age in Cambodia. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004699.	3.0	46

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19	Serological Measures of Malaria Transmission in Haiti: Comparison of Longitudinal and Cross-Sectional Methods. <i>PLoS ONE</i> , 2014, 9, e93684.	2.5	41
20	Longitudinal Evaluation of Enteric Protozoa in Haitian Children by Stool Exam and Multiplex Serologic Assay. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 653-660.	1.4	40
21	Feasibility of a Lateral Flow Test for Neurocysticercosis Using Novel Up-Converting Nanomaterials and a Lightweight Strip Analyzer. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2944.	3.0	38
22	Specificity of the IgG antibody response to <i>Plasmodium falciparum</i> , <i>Plasmodium vivax</i> , <i>Plasmodium malariae</i> , and <i>Plasmodium ovale</i> MSP119 subunit proteins in multiplexed serologic assays. <i>Malaria Journal</i> , 2018, 17, 417.	2.3	38
23	The immunodominant 17-kDa antigen from <i>Cryptosporidium parvum</i> is glycosylphosphatidylinositol-anchored. <i>Molecular and Biochemical Parasitology</i> , 2001, 113, 117-126.	1.1	37
24	Multiplex serology for impact evaluation of bed net distribution on burden of lymphatic filariasis and four species of human malaria in northern Mozambique. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006278.	3.0	37
25	Tetanus Immunity among Women Aged 15 to 39 Years in Cambodia: a National Population-Based Serosurvey, 2012. <i>Vaccine Journal</i> , 2016, 23, 546-554.	3.1	31
26	Impact of Mothers' Schistosomiasis Status During Gestation on Children's IgG Antibody Responses to Routine Vaccines 2 Years Later and Anti-Schistosome and Anti-Malarial Responses by Neonates in Western Kenya. <i>Frontiers in Immunology</i> , 2018, 9, 1402.	4.8	27
27	Comparing Serologic Response against Enteric Pathogens with Reported Diarrhea to Assess the Impact of Improved Household Drinking Water Quality. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 136-141.	1.4	26
28	Enteropathogen antibody dynamics and force of infection among children in low-resource settings. <i>ELife</i> , 2019, 8, .	6.0	26
29	Evaluation of DNA encoding acidic ribosomal protein P2 of <i>Cryptosporidium parvum</i> as a potential vaccine candidate for cryptosporidiosis. <i>Vaccine</i> , 2011, 29, 9239-9245.	3.8	25
30	Changes in Serum Immunoglobulin G Levels as a Marker for <i>Cryptosporidium</i> sp. Infection in Peruvian Children. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5298-5300.	3.9	24
31	Tetanus Immunity Gaps in Children 5-14 Years and Men ≥ 15 Years of Age Revealed by Integrated Disease Serosurveillance in Kenya, Tanzania, and Mozambique. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 415-420.	1.4	24
32	Characterization of a Low Molecular Weight Glycolipid Antigen from <i>Cryptosporidium parvum</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 52212-52222.	3.4	23
33	Prevalence of infection with waterborne pathogens: a seroepidemiologic study in children 6-36 months old in San Juan Sacatepequez, Guatemala. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 70, 83-8.	1.4	23
34	Microarray analysis of the human antibody response to synthetic <i>Cryptosporidium</i> glycopeptides. <i>International Journal for Parasitology</i> , 2013, 43, 901-907.	3.1	22
35	A Randomized Controlled Trial to Assess the Impact of Ceramic Water Filters on Prevention of Diarrhea and Cryptosporidiosis in Infants and Young Children in Western Kenya, 2013. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1260-1268.	1.4	22
36	Integrated Cross-Sectional Multiplex Serosurveillance of IgG Antibody Responses to Parasitic Diseases and Vaccines in Coastal Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 164-176.	1.4	21

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37	Multiplex Assay Detection of Immunoglobulin G Antibodies That Recognize Babesia microti Antigens. Vaccine Journal, 2012, 19, 1539-1548.	3.1	20
38	Determining seropositivityâ€”A review of approaches to define population seroprevalence when using multiplex bead assays to assess burden of tropical diseases. PLoS Neglected Tropical Diseases, 2021, 15, e0009457.	3.0	19
39	Use of Serologic Responses against Enteropathogens to Assess the Impact of a Point-of-Use Water Filter: A Randomized Controlled Trial in Western Province, Rwanda. American Journal of Tropical Medicine and Hygiene, 2017, 97, 876-887.	1.4	19
40	Comparing serologic response against enteric pathogens with reported diarrhea to assess the impact of improved household drinking water quality. American Journal of Tropical Medicine and Hygiene, 2007, 77, 136-41.	1.4	19
41	Human Seroprevalence to 11 Zoonotic Pathogens in the U.S. Arctic, Alaska. Vector-Borne and Zoonotic Diseases, 2019, 19, 563-575.	1.5	18
42	Multiplex Serologic Assessment of Schistosomiasis in Western Kenya: Antibody Responses in Preschool Aged Children as a Measure of Reduced Transmission. American Journal of Tropical Medicine and Hygiene, 2017, 96, 1460-1467.	1.4	18
43	ENZYME IMMUNOASSAY OF CRYPTOSPORIDIUM-SPECIFIC IMMUNOGLOBULIN G ANTIBODIES TO ASSESS LONGITUDINAL INFECTION TRENDS IN SIX COMMUNITIES IN BRITISH COLUMBIA, CANADA. American Journal of Tropical Medicine and Hygiene, 2005, 73, 288-295.	1.4	17
44	Isolation of the gene coding for elongation factor-1Î± in Cryptosporidium parvum. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1997, 1351, 256-260.	2.4	16
45	The Natural History of Antibody Responses to Cryptosporidium Parasites in Men at High Risk of HIV Infection. Journal of Infectious Diseases, 2006, 194, 1428-1437.	4.0	14
46	Fine-scale heterogeneity in <i>Schistosoma mansoni</i> force of infection measured through antibody response. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23174-23181.	7.1	14
47	Characterization of the glycosylphosphatidylinositol anchor of the immunodominant Cryptosporidium parvum 17-kDa antigen. Molecular and Biochemical Parasitology, 2006, 149, 108-112.	1.1	13
48	Cloning and Characterization of the Acidic Ribosomal Protein P2 of <i>Cryptosporidium parvum</i>, a New 17-Kilodalton Antigen. Vaccine Journal, 2010, 17, 954-965.	3.1	13
49	Measuring Cryptosporidium Serologic Responses by Multiplex Bead Assay. Methods in Molecular Biology, 2020, 2052, 61-85.	0.9	13
50	Enzyme immunoassay of Cryptosporidium-specific immunoglobulin G antibodies to assess longitudinal infection trends in six communities in British Columbia, Canada. American Journal of Tropical Medicine and Hygiene, 2005, 73, 288-95.	1.4	8
51	Characterizing Reactivity to Onchocerca volvulus Antigens in Multiplex Bead Assays. American Journal of Tropical Medicine and Hygiene, 2017, 97, 666-672.	1.4	7
52	Effect of biannual azithromycin distribution on antibody responses to malaria, bacterial, and protozoan pathogens in Niger. Nature Communications, 2022, 13, 976.	12.8	7
53	Development of a Multiplex Bead Assay for the Detection of IgG Antibody Responses to Guinea Worm. American Journal of Tropical Medicine and Hygiene, 2020, 103, 2294-2304.	1.4	5
54	Validation of a diphtheria toxoid multiplex bead assay for serosurveys. Diagnostic Microbiology and Infectious Disease, 2021, 100, 115371.	1.8	4

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55	Development of a Multiplex Bead Assay for the Detection of Canine IgG4 Antibody Responses to Guinea Worm. American Journal of Tropical Medicine and Hygiene, 2021, 104, 303-312.	1.4	3
56	Multiplex Bead Assay for the Detection of Human IgG Antibody Responses to African Trypanosomes. American Journal of Tropical Medicine and Hygiene, 2021, 105, 1193-1197.	1.4	0