David J Diemert

List of Publications by Citations

66 papers	7,734 citations	28 h-index	69 g-index
69 ext. papers	10,945 ext. citations	8.1 avg, IF	5.95 L-index

#	Paper	IF	Citations
66	Efficacy and Safety of the mRNA-1273 SARS-CoV-2 Vaccine. *New England Journal of Medicine*, **2021**, 384, 403-416	59.2	3691
65	Soil-transmitted helminth infections: ascariasis, trichuriasis, and hookworm. *Lancet, The*, **2006**, 367, 1521-32	45	1592
64	Phase 1 clinical trial of apical membrane antigen 1: an asexual blood-stage vaccine for Plasmodium falciparum malaria. *Infection and Immunity*, **2005**, 73, 3677-85	3.7	209
63	Developing vaccines to combat hookworm infection and intestinal schistosomiasis. *Nature Reviews Microbiology*, **2010**, 8, 814-26	22.2	203
62	Phase 1 vaccine trial of Pvs25H: a transmission blocking vaccine for Plasmodium vivax malaria. *Vaccine*, **2005**, 23, 3131-8	4.1	171
61	Generalized urticaria induced by the Na-ASP-2 hookworm vaccine: implications for the development of vaccines against helminths. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 169-76.e6	11.5	122
60	Hookworm infection. *Nature Reviews Disease Primers*, **2016**, 2, 16088	51.1	119
59	Prevention and self-treatment of traveler's diarrhea. *Clinical Microbiology Reviews*, **2006**, 19, 583-94	34	98
58	Hookworm, Ascaris lumbricoides infection and polyparasitism associated with poor cognitive performance in Brazilian schoolchildren. *Tropical Medicine and International Health*, **2008**, 13, 994-1004	2.3	90
57	Hookworm vaccines. *Clinical Infectious Diseases*, **2008**, 46, 282-8	11.6	86
56	Randomized, placebo-controlled, double-blind trial of the Na-ASP-2 hookworm vaccine in unexposed adults. *Vaccine*, **2008**, 26, 2408-17	4.1	82
55	The Global Economic and Health Burden of Human Hookworm Infection. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004922	4.8	82
54	The Human Hookworm Vaccine. *Vaccine*, **2013**, 31 Suppl 2, B227-32	4.1	77
53	Population structure of the genes encoding the polymorphic Plasmodium falciparum apical membrane antigen 1: implications for vaccine design. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 7857-62	11.5	77
52	New technologies for the control of human hookworm infection. *Trends in Parasitology*, **2006**, 22, 327-31	6.4	76
51	Age patterns in undernutrition and helminth infection in a rural area of Brazil: associations with ascariasis and hookworm. *Tropical Medicine and International Health*, **2008**, 13, 458-67	2.3	74
50	Stage-specific immune responses in human Necator americanus infection. *Parasite Immunology*, **2007**, 29, 347-58	2.2	55

49	Comparison of biological activity of human anti-apical membrane antigen-1 antibodies induced by natural infection and vaccination. *Journal of Immunology*, **2008**, 181, 8776-83	5.3	54
48	Safety and allele-specific immunogenicity of a malaria vaccine in Malian adults: results of a phase I randomized trial. *PLOS Clinical Trials*, **2006**, 1, e34		53
47	Confirmation by 16S rRNA PCR of the COBAS AMPLICOR CT/NG test for diagnosis of Neisseria gonorrhoeae infection in a low-prevalence population. *Journal of Clinical Microbiology*, **2002**, 40, 4056-9	9.7	50
46	Impact of a Plasmodium falciparum AMA1 vaccine on antibody responses in adult Malians. *PLoS ONE*, **2007**, 2, e1045	3.7	48
45	Safety and immunogenicity of the Na-GST-1 hookworm vaccine in Brazilian and American adults. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0005574	4.8	42
44	Sputum isolation of Wangiella dermatitidis in patients with cystic fibrosis. *Scandinavian Journal of Infectious Diseases*, **2001**, 33, 777-9		40
43	Lessons along the Critical Path: Developing Vaccines against Human Helminths. *Trends in Parasitology*, **2018**, 34, 747-758	6.4	32
42	Rates and intensity of re-infection with human helminths after treatment and the influence of individual, household, and environmental factors in a Brazilian community. *Parasitology*, **2011**, 138, 1406-16	2.7	31
41	A history of hookworm vaccine development. *Hum Vaccin*, **2011**, 7, 1234-44		31
40	Impact of gender on the decision to participate in a clinical trial: a cross-sectional study. *BMC Public Health*, **2014**, 14, 1156	4.1	29
39	Molecular mechanisms of hookworm disease: stealth, virulence, and vaccines. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 13-21	11.5	29
38	Advancing the Development of a Human Schistosomiasis Vaccine. *Trends in Parasitology*, **2019**, 35, 104-108	6.4	27
37	Necator americanus and helminth co-infections: further down-modulation of hookworm-specific type 1 immune responses. *PLoS Neglected Tropical Diseases*, **2011**, 5, e1280	4.8	25
36	Year-to-Year Variation in the Age-Specific Incidence of Clinical Malaria in Two Potential Vaccine Testing Sites in Mali With Different Levels of Malaria Transmission Intensity. *American Journal of Tropical Medicine and Hygiene*, **2007**, 77, 1028-1033	3.2	25
35	Controlled Human Hookworm Infection: Accelerating Human Hookworm Vaccine Development. *Open Forum Infectious Diseases*, **2018**, 5, ofy083	1	25
34	Modeling the economic and epidemiologic impact of hookworm vaccine and mass drug administration (MDA) in Brazil, a high transmission setting. *Vaccine*, **2016**, 34, 2197-206	4.1	24
33	Year-to-year variation in the age-specific incidence of clinical malaria in two potential vaccine testing sites in Mali with different levels of malaria transmission intensity. *American Journal of Tropical Medicine and Hygiene*, **2007**, 77, 1028-33	3.2	24
32	Microproteinuria during Opisthorchis viverrini infection: a biomarker for advanced renal and hepatobiliary pathologies from chronic opisthorchiasis. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2228	4.8	22

31	Potency testing for the experimental Na-GST-1 hookworm vaccine. *Expert Review of Vaccines*, **2010**, 9, 1219-30	5.2	22
30	The Right Tool for the Job: Detection of Soil-Transmitted Helminths in Areas Co-endemic for Other Helminths. *PLoS Neglected Tropical Diseases*, **2015**, 9, e0003967	4.8	21
29	An ounce of prevention on a budget: a nonprofit approach to developing vaccines against neglected diseases. *Expert Review of Vaccines*, **2006**, 5, 189-98	5.2	19
28	Human challenge trials in vaccine development, Rockville, MD, USA, September 28-30, 2017. *Biologicals*, **2019**, 61, 85-94	1.8	19
27	Malaria "epidemic" in Quebec: diagnosis and response to imported malaria. *Cmaj*, **2005**, 172, 46-50	3.5	16
26	Health education through analogies: preparation of a community for clinical trials of a vaccine against hookworm in an endemic area of Brazil. *PLoS Neglected Tropical Diseases*, **2010**, 4, e749	4.8	14
25	Serum CCL11 (eotaxin-1) and CCL17 (TARC) are serological indicators of multiple helminth infections and are driven by Schistosoma mansoni infection in humans. *Tropical Medicine and International Health*, **2013**, 18, 750-60	2.3	13
24	Safety and immunogenicity of co-administered hookworm vaccine candidates Na-GST-1 and Na-APR-1 in Gabonese adults: a randomised, controlled, double-blind, phase 1 dose-escalation trial. *Lancet Infectious Diseases, The*, **2021**, 21, 275-285	25.5	12
23	Selection and quantification of infection endpoints for trials of vaccines against intestinal helminths. *Vaccine*, **2011**, 29, 3686-94	4.1	10
22	A pesquisa cientfica na sade: uma anlise sobre a participa de populaes vulnerveis. *Texto E Contexto Enfermagem*, **2010**, 19, 104-111	1.1	9
21	Can schistosomiasis really be consigned to history without a vaccine?. *Vaccine*, **2008**, 26, 3373-6	4.1	9
20	Advances in neglected tropical disease vaccines: Developing relative potency and functional assays for the Na-GST-1/Alhydrogel hookworm vaccine. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0005385	4.8	9
19	Update on prevention and treatment of intestinal helminth infections. *Current Infectious Disease Reports*, **2015**, 17, 465	3.9	7
18	Assessing the Dissemination of COVID-19 Articles Across Social Media With Altmetric and PlumX Metrics: Correlational Study. *Journal of Medical Internet Research*, **2021**, 23, e21408	7.6	7
17	Improving the understanding of schistosomiasis among adolescents in endemic areas in Brazil: A comparison of educational methods. *Patient Education and Counseling*, **2016**, 99, 1657-62	3.1	6
16	Prevention and self-treatment of travelers' diarrhea. *Primary Care - Clinics in Office Practice*, **2002**, 29, 843-55, vi(2)	2.2	6
15	Safety and immunogenicity of an AS03-adjuvanted SARS-CoV-2 recombinant protein vaccine (CoV2 preS dTM) in healthy adults: interim findings from a phase 2, randomised, dose-finding, multicentre study.. *Lancet Infectious Diseases, The*, **2022**,	25.5	6
14	A Comparison of the Quality of Informed Consent for Clinical Trials of an Experimental Hookworm Vaccine Conducted in Developed and Developing Countries. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0005327	4.8	5

List of Publications

13	Ascariasis **2011**, 794-798		3
12	Intestinal Nematode Infections **2012**, 2064-2068		1
11	Hookworm Infection **2009**, 1365-1378		1
10	Controlled Infection of Humans with the Hookworm Parasite Necator americanus to Accelerate Vaccine Development : The Human Hookworm Vaccination/Challenge Model (HVCM). *Current Topics in Microbiology and Immunology*, **2021**, 1	3.3	1
9	Emerging Neglected Tropical Diseases273-285		1
8	Differences in the Platelet mRNA Landscape Portend Racial Disparities in Platelet Function and Suggest Novel Therapeutic Targets. *Clinical Pharmacology and Therapeutics*, **2021**, 110, 702-713	6.1	1
7	Potency testing for a recombinant protein vaccine early in clinical development: Lessons from the Tetraspanin 2 vaccine. *Vaccine: X*, **2021**, 8, 100100	3.8	1
6	Characterization of T cell responses to co-administered hookworm vaccine candidates Na-GST-1 and Na-APR-1 in healthy adults in Gabon. *PLoS Neglected Tropical Diseases*, **2021**, 15, e0009732	4.8	0
5	Tissue Nematode Infections **2012**, 2069-2076		
4	Re: Clinical trials in tropical diseases: a politically incorrect view. *Tropical Medicine and International Health*, **2007**, 12, 470-1	2.3	
3	Parasitic helminth infections in humans modulate Trefoil Factor levels in a manner dependent on the species of parasite and age of the host. *PLoS Neglected Tropical Diseases*, **2021**, 15, e0009550	4.8	
2	Cestode and trematode infections **2010**, 1177-1181		
1	Schistosomiasis Vaccines - New Approaches to Antigen Discovery and Promising New Candidates421-433		