

# David J Diemert

## List of Publications by Year in descending order

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64  
papers

13,023  
citations

136940

32  
h-index

138468

58  
g-index

69  
all docs

69  
docs citations

69  
times ranked

20339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy and Safety of the mRNA-1273 SARS-CoV-2 Vaccine. <i>New England Journal of Medicine</i> , 2021, 384, 403-416.	27.0	7,910
2	Soil-transmitted helminth infections: ascariasis, trichuriasis, and hookworm. <i>Lancet</i> , 2006, 367, 1521-1532.	13.7	1,981
3	Phase 1 Clinical Trial of Apical Membrane Antigen 1: an Asexual Blood-Stage Vaccine for <i>Plasmodium falciparum</i> Malaria. <i>Infection and Immunity</i> , 2005, 73, 3677-3685.	2.2	244
4	Developing vaccines to combat hookworm infection and intestinal schistosomiasis. <i>Nature Reviews Microbiology</i> , 2010, 8, 814-826.	28.6	236
5	Phase 1 vaccine trial of Pvs25H: a transmission blocking vaccine for <i>Plasmodium vivax</i> malaria. <i>Vaccine</i> , 2005, 23, 3131-3138.	3.8	206
6	Hookworm infection. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16088.	30.5	199
7	Generalized urticaria induced by the Na-ASP-2 hookworm vaccine: Implications for the development of vaccines against helminths. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 169-176.e6.	2.9	151
8	Prevention and Self-Treatment of Traveler's Diarrhea. <i>Clinical Microbiology Reviews</i> , 2006, 19, 583-594.	13.6	118
9	The Global Economic and Health Burden of Human Hookworm Infection. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004922.	3.0	111
10	Hookworm, <i>Ascaris lumbricoides</i> infection and polyparasitism associated with poor cognitive performance in Brazilian schoolchildren. <i>Tropical Medicine and International Health</i> , 2008, 13, 994-1004.	2.3	107
11	The Human Hookworm Vaccine. <i>Vaccine</i> , 2013, 31, B227-B232.	3.8	105
12	Hookworm Vaccines. <i>Clinical Infectious Diseases</i> , 2008, 46, 282-288.	5.8	95
13	Randomized, placebo-controlled, double-blind trial of the Na-ASP-2 Hookworm Vaccine in unexposed adults. <i>Vaccine</i> , 2008, 26, 2408-2417.	3.8	91
14	Age patterns in undernutrition and helminth infection in a rural area of Brazil: associations with ascariasis and hookworm. <i>Tropical Medicine and International Health</i> , 2008, 13, 458-467.	2.3	89
15	New technologies for the control of human hookworm infection. <i>Trends in Parasitology</i> , 2006, 22, 327-331.	3.3	84
16	Population structure of the genes encoding the polymorphic <i>Plasmodium falciparum</i> apical membrane antigen 1: Implications for vaccine design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7857-7862.	7.1	83
17	Stage-specific immune responses in human <i>Necator americanus</i> infection. <i>Parasite Immunology</i> , 2007, 29, 347-358.	1.5	64
18	Safety and Allele-Specific Immunogenicity of a Malaria Vaccine in Malian Adults: Results of a Phase I Randomized Trial. <i>PLOS Clinical Trials</i> , 2006, 1, e34.	3.5	64

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19	Safety and immunogenicity of the Na-GST-1 hookworm vaccine in Brazilian and American adults. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005574.	3.0	60
20	Comparison of Biological Activity of Human Anti-Apical Membrane Antigen-1 Antibodies Induced by Natural Infection and Vaccination. <i>Journal of Immunology</i> , 2008, 181, 8776-8783.	0.8	59
21	Confirmation by 16S rRNA PCR of the COBAS AMPLICOR CT/NG Test for Diagnosis of <i>Neisseria gonorrhoeae</i> Infection in a Low-Prevalence Population. <i>Journal of Clinical Microbiology</i> , 2002, 40, 4056-4059.	3.9	57
22	Impact of gender on the decision to participate in a clinical trial: a cross-sectional study. <i>BMC Public Health</i> , 2014, 14, 1156.	2.9	54
23	Impact of a <i>Plasmodium falciparum</i> AMA1 Vaccine on Antibody Responses in Adult Malians. <i>PLoS ONE</i> , 2007, 2, e1045.	2.5	53
24	Safety and immunogenicity of an AS03-adjuvanted SARS-CoV-2 recombinant protein vaccine (CoV2 preS) Tj ETQq0 0 0 rgBT /Overlock 1 <i>Lancet Infectious Diseases</i> , The, 2022, 22, 636-648.	9.1	52
25	Sputum Isolation of <i>Wangiella dermatitidis</i> in Patients with Cystic Fibrosis. <i>Scandinavian Journal of Infectious Diseases</i> , 2001, 33, 777-779.	1.5	47
26	<i>Necator americanus</i> and Helminth Co-Infections: Further Down-Modulation of Hookworm-Specific Type 1 Immune Responses. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1280.	3.0	41
27	Lessons along the Critical Path: Developing Vaccines against Human Helminths. <i>Trends in Parasitology</i> , 2018, 34, 747-758.	3.3	41
28	Advancing the Development of a Human Schistosomiasis Vaccine. <i>Trends in Parasitology</i> , 2019, 35, 104-108.	3.3	41
29	Rates and intensity of re-infection with human helminths after treatment and the influence of individual, household, and environmental factors in a Brazilian community. <i>Parasitology</i> , 2011, 138, 1406-1416.	1.5	40
30	A history of hookworm vaccine development. <i>Hum Vaccin</i> , 2011, 7, 1234-1244.	2.4	39
31	Controlled Human Hookworm Infection: Accelerating Human Hookworm Vaccine Development. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy083.	0.9	37
32	Molecular mechanisms of hookworm disease: Stealth, virulence, and vaccines. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 13-21.	2.9	34
33	Modeling the economic and epidemiologic impact of hookworm vaccine and mass drug administration (MDA) in Brazil, a high transmission setting. <i>Vaccine</i> , 2016, 34, 2197-2206.	3.8	33
34	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. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 1028-1033.	1.4	31
35	Potency testing for the experimental Na-GST-1 hookworm vaccine. <i>Expert Review of Vaccines</i> , 2010, 9, 1219-1230.	4.4	29
36	Human challenge trials in vaccine development, Rockville, MD, USA, September 28-30, 2017. <i>Biologicals</i> , 2019, 61, 85-94.	1.4	29

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37	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. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 275-285.	9.1	27
38	The Right Tool for the Job: Detection of Soil-Transmitted Helminths in Areas Co-endemic for Other Helminths. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003967.	3.0	26
39	Microproteinuria during <i>Opisthorchis viverrini</i> Infection: A Biomarker for Advanced Renal and Hepatobiliary Pathologies from Chronic Opisthorchiasis. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2228.	3.0	25
40	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. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 1028-33.	1.4	25
41	An ounce of prevention on a budget: a nonprofit approach to developing vaccines against neglected diseases. <i>Expert Review of Vaccines</i> , 2006, 5, 189-198.	4.4	21
42	Serum CCL11 (eotaxin-1) and CCL17 (TARC) are serological indicators of multiple helminth infections and are driven by <i>Schistosoma mansoni</i> infection in humans. <i>Tropical Medicine and International Health</i> , 2013, 18, 750-760.	2.3	20
43	Malaria "epidemic" in Quebec: diagnosis and response to imported malaria. <i>Cmaj</i> , 2005, 172, 46-50.	2.0	18
44	Health Education through Analogies: Preparation of a Community for Clinical Trials of a Vaccine against Hookworm in an Endemic Area of Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e749.	3.0	18
45	A pesquisa científica na saúde: uma análise sobre a participação de populações vulneráveis. <i>Texto E Contexto Enfermagem</i> , 2010, 19, 104-111.	0.4	12
46	Selection and quantification of infection endpoints for trials of vaccines against intestinal helminths. <i>Vaccine</i> , 2011, 29, 3686-3694.	3.8	12
47	Improving the understanding of schistosomiasis among adolescents in endemic areas in Brazil: A comparison of educational methods. <i>Patient Education and Counseling</i> , 2016, 99, 1657-1662.	2.2	12
48	A Comparison of the Quality of Informed Consent for Clinical Trials of an Experimental Hookworm Vaccine Conducted in Developed and Developing Countries. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005327.	3.0	12
49	Advances in neglected tropical disease vaccines: Developing relative potency and functional assays for the Na-GST-1/Alhydrogel hookworm vaccine. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005385.	3.0	12
50	Can schistosomiasis really be consigned to history without a vaccine?. <i>Vaccine</i> , 2008, 26, 3373-3376.	3.8	10
51	Update on Prevention and Treatment of Intestinal Helminth Infections. <i>Current Infectious Disease Reports</i> , 2015, 17, 465.	3.0	9
52	Prevention and self-treatment of travelers' diarrhea. <i>Primary Care - Clinics in Office Practice</i> , 2002, 29, 843-855.	1.6	7
53	Characterization of T cell responses to co-administered hookworm vaccine candidates Na-GST-1 and Na-APR-1 in healthy adults in Gabon. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009732.	3.0	6
54	Differences in the Platelet mRNA Landscape Portend Racial Disparities in Platelet Function and Suggest Novel Therapeutic Targets. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 110, 702-713.	4.7	5

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55	Controlled Infection of Humans with the Hookworm Parasite <i>Necator americanus</i> to Accelerate Vaccine Development. <i>Current Topics in Microbiology and Immunology</i> , 2021, , 1.	1.1	4
56	Ascariasis. , 2011, , 794-798.		3
57	Potency testing for a recombinant protein vaccine early in clinical development: Lessons from the <i>Schistosoma mansoni</i> Tetraspanin 2 vaccine. <i>Vaccine: X</i> , 2021, 8, 100100.	2.1	3
58	Parasitic helminth infections in humans modulate Trefoil Factor levels in a manner dependent on the species of parasite and age of the host. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009550.	3.0	2
59	Hookworm Infection. , 2009, , 1365-1378.		1
60	Tissue Nematode Infections. , 2012, , 2069-2076.		1
61	Intestinal Nematode Infections. , 2012, , 2064-2068.		1
62	“Emerging” Neglected Tropical Diseases. , 0, , 273-285.		1
63	Debate: Letter to the Editors. <i>Tropical Medicine and International Health</i> , 2007, 12, 470-471.	2.3	0
64	Cestode and trematode infections. , 2010, , 1177-1181.		0