

Stephen B Calderwood

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3393330/publications.pdf>

Version: 2024-02-01

91
papers

4,935
citations

109137

35
h-index

106150

65
g-index

98
all docs

98
docs citations

98
times ranked

6191
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistence and decay of human antibody responses to the receptor binding domain of SARS-CoV-2 spike protein in COVID-19 patients. <i>Science Immunology</i> , 2020, 5, .	5.6	561
2	Cholera. <i>Lancet</i> , The, 2012, 379, 2466-2476.	6.3	527
3	Cholera transmission: the host, pathogen and bacteriophage dynamic. <i>Nature Reviews Microbiology</i> , 2009, 7, 693-702.	13.6	496
4	Susceptibility to <i>Vibrio cholerae</i> Infection in a Cohort of Household Contacts of Patients with Cholera in Bangladesh. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e221.	1.3	196
5	Gut Microbial Succession Follows Acute Secretory Diarrhea in Humans. <i>MBio</i> , 2015, 6, e00381-15.	1.8	150
6	Clinical Outcomes in Household Contacts of Patients with Cholera in Bangladesh. <i>Clinical Infectious Diseases</i> , 2009, 49, 1473-1479.	2.9	144
7	Phase variation in <i>tcpH</i> modulates expression of the <i>ToxR</i> regulon in <i>Vibrio cholerae</i> . <i>Molecular Microbiology</i> , 1997, 25, 1099-1111.	1.2	132
8	Antigen-Specific Memory B-Cell Responses to <i>Vibrio cholerae</i> O1 Infection in Bangladesh. <i>Infection and Immunity</i> , 2009, 77, 3850-3856.	1.0	110
9	Incomplete Correlation of Serum Vibriocidal Antibody Titer with Protection from <i>Vibrio cholerae</i> Infection in Urban Bangladesh. <i>Journal of Infectious Diseases</i> , 2004, 189, 2318-2322.	1.9	93
10	Antigen-Specific Immunoglobulin A Antibodies Secreted from Circulating B Cells Are an Effective Marker for Recent Local Immune Responses in Patients with Cholera: Comparison to Antibody-Secreting Cell Responses and Other Immunological Markers. <i>Infection and Immunity</i> , 2003, 71, 4808-4814.	1.0	79
11	Circulating Mucosal Associated Invariant T Cells Are Activated in <i>Vibrio cholerae</i> O1 Infection and Associated with Lipopolysaccharide Antibody Responses. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3076.	1.3	78
12	Natural Selection in a Bangladeshi Population from the Cholera-Endemic Ganges River Delta. <i>Science Translational Medicine</i> , 2013, 5, 192ra86.	5.8	77
13	Memory B Cell Responses to <i>Vibrio cholerae</i> O1 Lipopolysaccharide Are Associated with Protection against Infection from Household Contacts of Patients with Cholera in Bangladesh. <i>Vaccine Journal</i> , 2012, 19, 842-848.	3.2	75
14	Antigen-Specific Memory B-Cell Responses in Bangladeshi Adults after One- or Two-Dose Oral Killed Cholera Vaccination and Comparison with Responses in Patients with Naturally Acquired Cholera. <i>Vaccine Journal</i> , 2011, 18, 844-850.	3.2	71
15	Comparison of Immune Responses to the O-Specific Polysaccharide and Lipopolysaccharide of <i>Vibrio cholerae</i> O1 in Bangladeshi Adult Patients with Cholera. <i>Vaccine Journal</i> , 2012, 19, 1712-1721.	3.2	69
16	Single-Cell Analysis of the Plasmablast Response to <i>Vibrio cholerae</i> Demonstrates Expansion of Cross-Reactive Memory B Cells. <i>MBio</i> , 2016, 7, .	1.8	62
17	Human Gut Microbiota Predicts Susceptibility to <i>Vibrio cholerae</i> Infection. <i>Journal of Infectious Diseases</i> , 2018, 218, 645-653.	1.9	60
18	A Cholera Conjugate Vaccine Containing O-specific Polysaccharide (OSP) of <i>V. cholerae</i> O1 Inaba and Recombinant Fragment of Tetanus Toxin Heavy Chain (OSP:rTTHc) Induces Serum, Memory and Lamina Proprial Responses against OSP and Is Protective in Mice. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003881.	1.3	59

#	ARTICLE	IF	CITATIONS
19	Characterization of a <i>Vibrio cholerae</i> virulence factor homologous to the family of TonB-dependent proteins. <i>Molecular Microbiology</i> , 1992, 6, 2407-2418.	1.2	58
20	A globally distributed mobile genetic element inhibits natural transformation of <i>Vibrio cholerae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10485-10490.	3.3	58
21	Identification of an Operon Required for Ferrichrome Iron Utilization in <i>Vibrio cholerae</i> . <i>Journal of Bacteriology</i> , 2000, 182, 2350-2353.	1.0	55
22	Comparative Proteomic Analysis Reveals Activation of Mucosal Innate Immune Signaling Pathways during Cholera. <i>Infection and Immunity</i> , 2015, 83, 1089-1103.	1.0	55
23	Antibody responses after COVID-19 infection in patients who are mildly symptomatic or asymptomatic in Bangladesh. <i>International Journal of Infectious Diseases</i> , 2020, 101, 220-225.	1.5	55
24	Simple, Direct Conjugation of Bacterial O-SP ⁺ Core Antigens to Proteins: Development of Cholera Conjugate Vaccines. <i>Bioconjugate Chemistry</i> , 2011, 22, 2179-2185.	1.8	52
25	Estimating cholera incidence with cross-sectional serology. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	50
26	Mucosal Immunologic Responses in Cholera Patients in Bangladesh. <i>Vaccine Journal</i> , 2011, 18, 506-512.	3.2	49
27	Memory T-Cell Responses to <i>Vibrio cholerae</i> O1 Infection. <i>Infection and Immunity</i> , 2009, 77, 5090-5096.	1.0	46
28	Cholera Toxin-Specific Memory B Cell Responses Are Induced in Patients with Dehydrating Diarrhea Caused by <i>Vibrio cholerae</i> O1. <i>Journal of Infectious Diseases</i> , 2008, 198, 1055-1061.	1.9	45
29	Household Transmission of <i>Vibrio cholerae</i> in Bangladesh. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3314.	1.3	45
30	Immunogenicity of a Killed Bivalent (O1 and O139) Whole Cell Oral Cholera Vaccine, Shanchol, in Haiti. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2828.	1.3	45
31	Memory B Cell and Other Immune Responses in Children Receiving Two Doses of an Oral Killed Cholera Vaccine Compared to Responses following Natural Cholera Infection in Bangladesh. <i>Vaccine Journal</i> , 2012, 19, 690-698.	3.2	44
32	Cholera Caused by <i>Vibrio cholerae</i> O1 Induces T-Cell Responses in the Circulation. <i>Infection and Immunity</i> , 2009, 77, 1888-1893.	1.0	41
33	Bacterial Shedding in Household Contacts of Cholera Patients in Dhaka, Bangladesh. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 738-742.	0.6	41
34	Syntheses and Immunologic Properties of <i>Escherichia coli</i> O157 O-Specific Polysaccharide and Shiga Toxin 1 B Subunit Conjugates in Mice. <i>Infection and Immunity</i> , 1999, 67, 6191-6193.	1.0	40
35	Comparison of Memory B Cell, Antibody-Secreting Cell, and Plasma Antibody Responses in Young Children, Older Children, and Adults with Infection Caused by <i>Vibrio cholerae</i> O1 El Tor Ogawa in Bangladesh. <i>Vaccine Journal</i> , 2011, 18, 1317-1325.	3.2	38
36	Plasma and memory B cell responses targeting O-specific polysaccharide (OSP) are associated with protection against <i>Vibrio cholerae</i> O1 infection among household contacts of cholera patients in Bangladesh. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006399.	1.3	38

#	ARTICLE	IF	CITATIONS
37	<i>Vibrio cholerae</i> Serogroup O139: Isolation from Cholera Patients and Asymptomatic Household Family Members in Bangladesh between 2013 and 2014. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004183.	1.3	38
38	Defining endemic cholera at three levels of spatiotemporal resolution within Bangladesh. <i>Nature Genetics</i> , 2018, 50, 951-955.	9.4	37
39	<i>Vibrio cholerae</i> genomic diversity within and between patients. <i>Microbial Genomics</i> , 2017, 3, .	1.0	37
40	Use of Representational Difference Analysis To Identify Genomic Differences between Pathogenic Strains of <i>Vibrio cholerae</i> . <i>Infection and Immunity</i> , 1998, 66, 849-852.	1.0	37
41	Immune Responses to the O-Specific Polysaccharide Antigen in Children Who Received a Killed Oral Cholera Vaccine Compared to Responses following Natural Cholera Infection in Bangladesh. <i>Vaccine Journal</i> , 2013, 20, 780-788.	3.2	35
42	Evaluation in Mice of a Conjugate Vaccine for Cholera Made from <i>Vibrio cholerae</i> O1 (Ogawa) O-Specific Polysaccharide. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2683.	1.3	34
43	<i>Vibrio cholerae</i> O1 Infection Induces Proinflammatory CD4+T-Cell Responses in Blood and Intestinal Mucosa of Infected Humans. <i>Vaccine Journal</i> , 2011, 18, 1371-1377.	3.2	33
44	Antibody-Secreting Cell Responses after <i>Vibrio cholerae</i> O1 Infection and Oral Cholera Vaccination in Adults in Bangladesh. <i>Vaccine Journal</i> , 2013, 20, 1592-1598.	3.2	31
45	Immune Responses to O-Specific Polysaccharide and Lipopolysaccharide of <i>Vibrio cholerae</i> O1 Ogawa in Adult Bangladeshi Recipients of an Oral Killed Cholera Vaccine and Comparison to Responses in Patients with Cholera. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 873-881.	0.6	30
46	Development of a new dipstick (Cholkit) for rapid detection of <i>Vibrio cholerae</i> O1 in acute watery diarrheal stools. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006286.	1.3	29
47	Anti-O-specific polysaccharide (OSP) immune responses following vaccination with oral cholera vaccine CVD 103-HgR correlate with protection against cholera after infection with wild-type <i>Vibrio cholerae</i> O1 El Tor Inaba in North American volunteers. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006376.	1.3	28
48	Plasma Immunoglobulin A Responses Against 2 <i>Salmonella</i> Typhi Antigens Identify Patients With Typhoid Fever. <i>Clinical Infectious Diseases</i> , 2019, 68, 949-955.	2.9	28
49	Antigen-Specific Memory B-cell Responses to Enterotoxigenic <i>Escherichia coli</i> Infection in Bangladeshi Adults. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2822.	1.3	25
50	O-Specific Polysaccharide-Specific Memory B Cell Responses in Young Children, Older Children, and Adults Infected with <i>Vibrio cholerae</i> O1 Ogawa in Bangladesh. <i>Vaccine Journal</i> , 2016, 23, 427-435.	3.2	25
51	Predicting <i>Vibrio cholerae</i> Infection and Disease Severity Using Metagenomics in a Prospective Cohort Study. <i>Journal of Infectious Diseases</i> , 2021, 223, 342-351.	1.9	25
52	Biomarkers of Environmental Enteropathy are Positively Associated with Immune Responses to an Oral Cholera Vaccine in Bangladeshi Children. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005039.	1.3	25
53	Typhoid Fever in Young Children in Bangladesh: Clinical Findings, Antibiotic Susceptibility Pattern and Immune Responses. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003619.	1.3	24
54	Classical and El Tor Biotypes of <i>Vibrio cholerae</i> Differ in Timing of Transcription of tcpPH during Growth in Inducing Conditions. <i>Infection and Immunity</i> , 2000, 68, 3010-3014.	1.0	23

#	ARTICLE	IF	CITATIONS
55	Transcutaneous immunization with a synthetic hexasaccharide-protein conjugate induces anti-Vibrio cholerae lipopolysaccharide responses in mice. <i>Vaccine</i> , 2009, 27, 4917-4922.	1.7	23
56	In Vitro and In Vivo Analyses of Constitutive and In Vivo-Induced Promoters in Attenuated Vaccine and Vector Strains of <i>Vibrio cholerae</i> . <i>Infection and Immunity</i> , 2000, 68, 1171-1175.	1.0	21
57	Analysis of the Human Mucosal Response to Cholera Reveals Sustained Activation of Innate Immune Signaling Pathways. <i>Infection and Immunity</i> , 2018, 86, .	1.0	21
58	Plasma and Mucosal Immunoglobulin M, Immunoglobulin A, and Immunoglobulin G Responses to the <i>Vibrio cholerae</i> O1 Protein Immunome in Adults With Cholera in Bangladesh. <i>Journal of Infectious Diseases</i> , 2017, 216, 125-134.	1.9	20
59	Humans Surviving Cholera Develop Antibodies against <i>Vibrio cholerae</i> O-Specific Polysaccharide That Inhibit Pathogen Motility. <i>MBio</i> , 2020, 11, .	1.8	20
60	Disease characteristics and serological responses in patients with differing severity of COVID-19 infection: A longitudinal cohort study in Dhaka, Bangladesh. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010102.	1.3	18
61	Vibriocidal Titer and Protection From Cholera in Children. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz057.	0.4	17
62	Cholera Vaccines. <i>Journal of Travel Medicine</i> , 2001, 8, 82-091.	1.4	16
63	The <i>Escherichia coli</i> O157:H7 cattle immunoproteome includes outer membrane protein A (OmpA), a modulator of adherence to bovine rectoanal junction squamous epithelial (RSE) cells. <i>Proteomics</i> , 2015, 15, 1829-1842.	1.3	15
64	The Live Attenuated Cholera Vaccine CVD 103-HgR Primes Responses to the Toxin-Coregulated Pilus Antigen TcpA in Subjects Challenged with Wild-Type <i>Vibrio cholerae</i> . <i>Vaccine Journal</i> , 2017, 24, .	3.2	15
65	Antibody Avidity in Humoral Immune Responses in Bangladeshi Children and Adults following Administration of an Oral Killed Cholera Vaccine. <i>Vaccine Journal</i> , 2013, 20, 1541-1548.	3.2	14
66	Identification, Characterization, and Functional Analysis of a Gene Encoding the Ferric Uptake Regulation Protein in <i>Bartonella</i> Species. <i>Journal of Bacteriology</i> , 2001, 183, 5751-5755.	1.0	13
67	Immune responses to O-specific polysaccharide (OSP) in North American adults infected with <i>Vibrio cholerae</i> O1 Inaba. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007874.	1.3	13
68	Seroprevalence of SARS-CoV-2 antibodies in Bangladesh related to novel coronavirus infection. <i>IJID Regions</i> , 2022, 2, 198-203.	0.5	12
69	A magneto-DNA nanoparticle system for the rapid and sensitive diagnosis of enteric fever. <i>Scientific Reports</i> , 2016, 6, 32878.	1.6	11
70	Induction of systemic, mucosal and memory antibody responses targeting <i>Vibrio cholerae</i> O1 O-specific polysaccharide (OSP) in adults following oral vaccination with an oral killed whole cell cholera vaccine in Bangladesh. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007634.	1.3	11
71	Evaluation of a Rapid Point-of-Care Multiplex Immunochromatographic Assay for the Diagnosis of Enteric Fever. <i>MSphere</i> , 2020, 5, .	1.3	11
72	<i>Vibrio cholerae</i> Sialidase-Specific Immune Responses Are Associated with Protection against Cholera. <i>MSphere</i> , 2021, 6, .	1.3	11

#	ARTICLE	IF	CITATIONS
73	Enumeration of Gut-Homing \hat{I}^{27} -Positive, Pathogen-Specific Antibody-Secreting Cells in Whole Blood from Enterotoxigenic Escherichia coli- and Vibrio cholerae-Infected Patients, Determined Using an Enzyme-Linked Immunosorbent Spot Assay Technique. <i>Vaccine Journal</i> , 2016, 23, 27-36.	3.2	10
74	Posttranslational Regulation of IL-23 Production Distinguishes the Innate Immune Responses to Live Toxigenic versus Heat-Inactivated Vibrio cholerae. <i>MSphere</i> , 2019, 4, .	1.3	10
75	Cognate T and B cell interaction and association of follicular helper T cells with B cell responses in Vibrio cholerae O1 infected Bangladeshi adults. <i>Microbes and Infection</i> , 2019, 21, 176-183.	1.0	9
76	Coronavirus Disease 2019 (COVID-19) Diagnostic Clinical Decision Support: A Pre-Post Implementation Study of CORAL (COvid Risk cALculator). <i>Clinical Infectious Diseases</i> , 2021, 73, 2248-2256.	2.9	8
77	Impact of Immunoglobulin Isotype and Epitope on the Functional Properties of Vibrio cholerae O-Specific Polysaccharide-Specific Monoclonal Antibodies. <i>MBio</i> , 2021, 12, .	1.8	8
78	An assessment of potential biomarkers of environment enteropathy and its association with age and microbial infections among children in Bangladesh. <i>PLoS ONE</i> , 2021, 16, e0250446.	1.1	7
79	Scalable production and immunogenicity of a cholera conjugate vaccine. <i>Vaccine</i> , 2021, 39, 6936-6946.	1.7	7
80	In Vivo Expression and Immunoadjuvancy of a Mutant of Heat-Labile Enterotoxin of Escherichia coli in Vaccine and Vector Strains of Vibrio cholerae. <i>Infection and Immunity</i> , 1999, 67, 1694-1701.	1.0	7
81	Cholera in pregnancy: Clinical and immunological aspects. <i>International Journal of Infectious Diseases</i> , 2015, 39, 20-24.	1.5	6
82	Parenteral Vaccination with a Cholera Conjugate Vaccine Boosts Vibriocidal and Anti-OSP Responses in Mice Previously Immunized with an Oral Cholera Vaccine. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 2024-2030.	0.6	5
83	Mucosal-Associated Invariant T (MAIT) cells are highly activated in duodenal tissue of humans with Vibrio cholerae O1 infection: A preliminary report. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010411.	1.3	5
84	The increased severity in patients presenting to hospital with diarrhea in Dhaka, Bangladesh since the emergence of the hybrid strain of Vibrio cholerae O1 is not unique to cholera patients. <i>International Journal of Infectious Diseases</i> , 2015, 40, 9-14.	1.5	4
85	Measuring Success in Global Health Training: Data From 14 Years of a Postdoctoral Fellowship in Infectious Diseases and Tropical Medicine. <i>Clinical Infectious Diseases</i> , 2017, 64, 1768-1772.	2.9	4
86	Systemic, Mucosal, and Memory Immune Responses following Cholera. <i>Tropical Medicine and Infectious Disease</i> , 2021, 6, 192.	0.9	4
87	Transcutaneous Vaccination with Conjugate Typhoid Vaccine Vi-DT Induces Systemic, Mucosal, and Memory Anti-Polysaccharide Responses. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1032-1038.	0.6	1
88	Assessing antigen specific HLA-DR+ antibody secreting cell (DR+ASC) responses in whole blood in enteric infections using an ELISPOT technique. <i>Microbes and Infection</i> , 2018, 20, 122-129.	1.0	0
89	622. Increased IgA Coating of Gut Microbes After Administration of Killed, Whole-Cell Oral Cholera Vaccine. <i>Open Forum Infectious Diseases</i> , 2018, 5, S227-S227.	0.4	0
90	1105. Vibriocidal Titer Variation and Likelihood of Protection in Children Compared With Adults in a Cholera Endemic Area. <i>Open Forum Infectious Diseases</i> , 2018, 5, S331-S331.	0.4	0

#	ARTICLE	IF	CITATIONS
91	Heterologous Hosts and the Evolution and Study of Fungal Pathogenesis. , 0, , 213-225.		0