

Stephen B Calderwood

List of Publications by Year in descending order

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91
papers

4,935
citations

109321

35
h-index

106344

65
g-index

98
all docs

98
docs citations

98
times ranked

6191
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.0	18
2	Seroprevalence of SARS-CoV-2 antibodies in Bangladesh related to novel coronavirus infection. <i>IJID Regions</i> , 2022, 2, 198-203.	1.3	12
3	Mucosal-Associated Invariant T (MAIT) cells are highly activated in duodenal tissue of humans with <i>Vibrio cholerae</i> O1 infection: A preliminary report. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010411.	3.0	5
4	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.	4.0	25
5	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.	5.8	8
6	<i>Vibrio cholerae</i> Sialidase-Specific Immune Responses Are Associated with Protection against Cholera. <i>MSphere</i> , 2021, 6, .	2.9	11
7	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.	2.5	7
8	Impact of Immunoglobulin Isotype and Epitope on the Functional Properties of <i>Vibrio cholerae</i> O-Specific Polysaccharide-Specific Monoclonal Antibodies. <i>MBio</i> , 2021, 12, .	4.1	8
9	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.	1.4	5
10	Scalable production and immunogenicity of a cholera conjugate vaccine. <i>Vaccine</i> , 2021, 39, 6936-6946.	3.8	7
11	Systemic, Mucosal, and Memory Immune Responses following Cholera. <i>Tropical Medicine and Infectious Disease</i> , 2021, 6, 192.	2.3	4
12	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.	3.3	55
13	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, .	11.9	561
14	Evaluation of a Rapid Point-of-Care Multiplex Immunochromatographic Assay for the Diagnosis of Enteric Fever. <i>MSphere</i> , 2020, 5, .	2.9	11
15	Humans Surviving Cholera Develop Antibodies against <i>Vibrio cholerae</i> O-Specific Polysaccharide That Inhibit Pathogen Motility. <i>MBio</i> , 2020, 11, .	4.1	20
16	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.	1.4	1
17	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.	5.8	28
18	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.	3.0	11

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19	Vibriocidal Titer and Protection From Cholera in Children. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz057.	0.9	17
20	Estimating cholera incidence with cross-sectional serology. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	50
21	Posttranslational Regulation of IL-23 Production Distinguishes the Innate Immune Responses to Live Toxigenic versus Heat-Inactivated <i>Vibrio cholerae</i> . <i>MSphere</i> , 2019, 4, .	2.9	10
22	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.	3.0	13
23	Cognate T and B cell interaction and association of follicular helper T cells with B cell responses in <i>Vibrio cholerae</i> O1 infected Bangladeshi adults. <i>Microbes and Infection</i> , 2019, 21, 176-183.	1.9	9
24	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.	1.9	0
25	Analysis of the Human Mucosal Response to Cholera Reveals Sustained Activation of Innate Immune Signaling Pathways. <i>Infection and Immunity</i> , 2018, 86, .	2.2	21
26	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.	0.9	0
27	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.	0.9	0
28	Human Gut Microbiota Predicts Susceptibility to <i>Vibrio cholerae</i> Infection. <i>Journal of Infectious Diseases</i> , 2018, 218, 645-653.	4.0	60
29	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.	3.0	38
30	Defining endemic cholera at three levels of spatiotemporal resolution within Bangladesh. <i>Nature Genetics</i> , 2018, 50, 951-955.	21.4	37
31	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.	3.0	28
32	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.	3.0	29
33	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.	5.8	4
34	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.	4.0	20
35	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, .	3.1	15
36	<i>Vibrio cholerae</i> genomic diversity within and between patients. <i>Microbial Genomics</i> , 2017, 3, .	2.0	37

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37	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, .	4.1	62
38	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.	3.1	25
39	A magneto-DNA nanoparticle system for the rapid and sensitive diagnosis of enteric fever. <i>Scientific Reports</i> , 2016, 6, 32878.	3.3	11
40	Enumeration of Gut-Homing \hat{I}^{27} -Positive, Pathogen-Specific Antibody-Secreting Cells in Whole Blood from Enterotoxigenic <i>Escherichia coli</i> - and <i>Vibrio cholerae</i> -Infected Patients, Determined Using an Enzyme-Linked Immunosorbent Spot Assay Technique. <i>Vaccine Journal</i> , 2016, 23, 27-36.	3.1	10
41	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.	3.0	25
42	The increased severity in patients presenting to hospital with diarrhea in Dhaka, Bangladesh since the emergence of the hybrid strain of <i>Vibrio cholerae</i> O1 is not unique to cholera patients. <i>International Journal of Infectious Diseases</i> , 2015, 40, 9-14.	3.3	4
43	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.	2.2	15
44	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 Propria Responses against OSP and Is Protective in Mice. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003881.	3.0	59
45	Gut Microbial Succession Follows Acute Secretory Diarrhea in Humans. <i>MBio</i> , 2015, 6, e00381-15.	4.1	150
46	Cholera in pregnancy: Clinical and immunological aspects. <i>International Journal of Infectious Diseases</i> , 2015, 39, 20-24.	3.3	6
47	Comparative Proteomic Analysis Reveals Activation of Mucosal Innate Immune Signaling Pathways during Cholera. <i>Infection and Immunity</i> , 2015, 83, 1089-1103.	2.2	55
48	Typhoid Fever in Young Children in Bangladesh: Clinical Findings, Antibiotic Susceptibility Pattern and Immune Responses. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003619.	3.0	24
49	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.	7.1	58
50	<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.	3.0	38
51	Household Transmission of <i>Vibrio cholerae</i> in Bangladesh. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3314.	3.0	45
52	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.	3.0	25
53	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.	3.0	78
54	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.	3.0	34

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55	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.	3.0	45
56	Bacterial Shedding in Household Contacts of Cholera Patients in Dhaka, Bangladesh. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 738-742.	1.4	41
57	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.	1.4	30
58	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.	3.1	35
59	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.	3.1	31
60	Natural Selection in a Bangladeshi Population from the Cholera-Endemic Ganges River Delta. <i>Science Translational Medicine</i> , 2013, 5, 192ra86.	12.4	77
61	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.	3.1	14
62	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.	3.1	75
63	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.	3.1	69
64	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.	3.1	44
65	Cholera. <i>Lancet</i> , The, 2012, 379, 2466-2476.	13.7	527
66	Simple, Direct Conjugation of Bacterial O-SPa€“Core Antigens to Proteins: Development of Cholera Conjugate Vaccines. <i>Bioconjugate Chemistry</i> , 2011, 22, 2179-2185.	3.6	52
67	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.	3.1	71
68	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.	3.1	38
69	Mucosal Immunologic Responses in Cholera Patients in Bangladesh. <i>Vaccine Journal</i> , 2011, 18, 506-512.	3.1	49
70	<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.	3.1	33
71	Cholera Caused by <i>Vibrio cholerae</i> O1 Induces T-Cell Responses in the Circulation. <i>Infection and Immunity</i> , 2009, 77, 1888-1893.	2.2	41
72	Memory T-Cell Responses to <i>Vibrio cholerae</i> O1 Infection. <i>Infection and Immunity</i> , 2009, 77, 5090-5096.	2.2	46

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73	Antigen-Specific Memory B-Cell Responses to <i>Vibrio cholerae</i> O1 Infection in Bangladesh. <i>Infection and Immunity</i> , 2009, 77, 3850-3856.	2.2	110
74	Clinical Outcomes in Household Contacts of Patients with Cholera in Bangladesh. <i>Clinical Infectious Diseases</i> , 2009, 49, 1473-1479.	5.8	144
75	Cholera transmission: the host, pathogen and bacteriophage dynamic. <i>Nature Reviews Microbiology</i> , 2009, 7, 693-702.	28.6	496
76	Transcutaneous immunization with a synthetic hexasaccharide-protein conjugate induces anti- <i>Vibrio cholerae</i> lipopolysaccharide responses in mice. <i>Vaccine</i> , 2009, 27, 4917-4922.	3.8	23
77	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.	4.0	45
78	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.	3.0	196
79	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.	4.0	93
80	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.	2.2	79
81	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.	2.2	13
82	Cholera Vaccines. <i>Journal of Travel Medicine</i> , 2001, 8, 82-091.	3.0	16
83	Classical and El Tor Biotypes of <i>Vibrio cholerae</i> Differ in Timing of Transcription of <i>tcpPH</i> during Growth in Inducing Conditions. <i>Infection and Immunity</i> , 2000, 68, 3010-3014.	2.2	23
84	Identification of an Operon Required for Ferrichrome Iron Utilization in <i>Vibrio cholerae</i> . <i>Journal of Bacteriology</i> , 2000, 182, 2350-2353.	2.2	55
85	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.	2.2	21
86	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.	2.2	40
87	In Vivo Expression and Immunoadjuvancy of a Mutant of Heat-Labile Enterotoxin of <i>Escherichia coli</i> in Vaccine and Vector Strains of <i>Vibrio cholerae</i> . <i>Infection and Immunity</i> , 1999, 67, 1694-1701.	2.2	7
88	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.	2.2	37
89	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.	2.5	132
90	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.	2.5	58

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