Neal D E Alexander

List of Publications by Year
in descending order

128 papers	4,493 citations	126907 33 h-index	128289 60 g-index
138 all docs	138 docs citations	138 times ranked	5864 citing authors

#	Article	IF	Citations
1	Epidemiological and clinical characteristics of the COVID-19 epidemic in Brazil. Nature Human Behaviour, 2020, 4, 856-865.	12.0	281
2	Mass Treatment with Single-Dose Azithromycin for Trachoma. New England Journal of Medicine, 2004, 351, 1962-1971.	27.0	257
3	Strategies for control of trachoma: observational study with quantitative PCR. Lancet, The, 2003, 362, 198-204.	13.7	216
4	Role of flies and provision of latrines in trachoma control: cluster-randomised controlled trial. Lancet, The, 2004, 363, 1093-1098.	13.7	212
5	Effective control of dengue vectors with curtains and water container covers treated with insecticide in Mexico and Venezuela: cluster randomised trials. BMJ: British Medical Journal, 2006, 332, 1247-1252.	2.3	199
6	Seasonal intermittent preventive treatment with artesunate and sulfadoxine-pyrimethamine for prevention of malaria in Senegalese children: a randomised, placebo-controlled, double-blind trial. Lancet, The, 2006, 367, 659-667.	13.7	181
7	Multicentre prospective study on dengue classification in four Southâ€east Asian and three Latin American countries. Tropical Medicine and International Health, 2011, 16, 936-948.	2.3	165
8	Reduction of Malaria Transmission to Anopheles Mosquitoes with a Six-Dose Regimen of Co-Artemether. PLoS Medicine, 2005, 2, e92.	8.4	159
9	Seroprevalence and risk factors for dengue infection in socio-economically distinct areas of Recife, Brazil. Acta Tropica, 2010, 113, 234-240.	2.0	158
10	Which Members of a Community Need Antibiotics to Control Trachoma? ConjunctivalChlamydia trachomatisInfection Load in Gambian Villages. , 2003, 44, 4215.		124
11	Insecticideâ€treated bednets to control dengue vectors: preliminary evidence from a controlled trial in Haiti. Tropical Medicine and International Health, 2008, 13, 56-67.	2.3	112
12	Contrasting patterns in the small-scale heterogeneity of human helminth infections in urban and rural environments in Brazil. International Journal for Parasitology, 2006, 36, 1143-1151.	3.1	103
13	Chloroquine/Sulphadoxine-Pyrimethamine for Gambian Children with Malaria: Transmission to Mosquitoes of Multidrug-Resistant Plasmodium falciparum. PLOS Clinical Trials, 2006, 1, e15.	3.5	71
14	Combination Therapy Counteracts the Enhanced Transmission of Drug-Resistant Malaria Parasites to Mosquitoes. Antimicrobial Agents and Chemotherapy, 2004, 48, 3940-3943.	3.2	70
15	Plasmodium falciparum Antigens on the Surface of the Gametocyte-Infected Erythrocyte. PLoS ONE, 2008, 3, e2280.	2.5	70
16	Efficacy and Safety of AmBisome in Combination with Sodium Stibogluconate or Miltefosine and Miltefosine Monotherapy for African Visceral Leishmaniasis: Phase II Randomized Trial. PLoS Neglected Tropical Diseases, 2016, 10, e0004880.	3.0	66
17	Review: analysis of parasite and other skewed counts. Tropical Medicine and International Health, 2012, 17, 684-693.	2.3	64
18	Are there clinical phenotypes of homozygous sickle cell disease?. British Journal of Haematology, 2004, 126, 606-611.	2.5	62

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19	Defining Seropositivity Thresholds for Use in Trachoma Elimination Studies. PLoS Neglected Tropical Diseases, 2017, 11, e0005230.	3.0	62
20	Environmental Risk Factors for the Incidence of American Cutaneous Leishmaniasis in a Sub-Andean Zone of Colombia (Chaparral, Tolima). American Journal of Tropical Medicine and Hygiene, 2010, 82, 243-250.	1.4	61
21	Spatial and temporal patterns of dengue incidence in northeastern Thailand 2006â€“2016. BMC Infectious Diseases, 2019, 19, 743.	2.9	61
22	Can the buck always be passed to the highest level of clustering?. BMC Medical Research Methodology, 2016, 16, 29.	3.1	53
23	Dengue knowledge, attitudes and practices and their impact on community-based vector control in rural Cambodia. PLoS Neglected Tropical Diseases, 2018, 12, e0006268.	3.0	51
24	A cross-sectional survey of Aedes aegypti immature abundance in urban and rural household containers in central Colombia. Parasites and Vectors, 2017, 10, 356.	2.5	50
25	A randomized trial of AmBisome monotherapy and AmBisome and miltefosine combination to treat visceral leishmaniasis in HIV co-infected patients in Ethiopia. PLoS Neglected Tropical Diseases, 2019, 13, e0006988.	3.0	47
26	Phlebotomine Vector Ecology in the Domestic Transmission of American Cutaneous Leishmaniasis in Chaparral, Colombia. American Journal of Tropical Medicine and Hygiene, 2011, 85, 847-856.	1.4	45
27	Time series analysis of dengue surveillance data in two Brazilian cities. Acta Tropica, 2018, 182, 190-197.	2.0	45
28	Transmission Dynamics of Wuchereria bancrofti in East Sepik Province, Papua New Guinea. American Journal of Tropical Medicine and Hygiene, 1996, 54, 577-581.	1.4	45
29	Safety and Efficacy of miltefosine alone and in combination with sodium stibogluconate and liposomal amphotericin B for the treatment of primary visceral leishmaniasis in East Africa: study protocol for a randomized controlled trial. Trials, 2011, 12, 166.	1.6	43
30	Local human movement patterns and land use impact exposure to zoonotic malaria in Malaysian Borneo. ELife, 2019, 8, .	6.0	43
31	Reduction in dengue cases observed during mass control of Aedes (Stegomyia) in street catch basins in an endemic urban area in Colombia. Acta Tropica, 2014, 132, 15-22.	2.0	42
32	Declining incidence of malaria imported into the UK from West Africa. Malaria Journal, 2008, 7, 235.	2.3	41
33	Epidemiologic, immunologic and practical considerations in developing and evaluating a human hookworm vaccine. Expert Review of Vaccines, 2005, 4, 35-50.	4.4	40
34	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, 1406-1416.	1.5	40
35	Randomised Trial of Chloroquine/Sulphadoxine-Pyrimethamine in Gambian Children with Malaria: Impact against Multidrug-Resistant P. falciparum. PLOS Clinical Trials, 2006, 1, e14.	3.5	34
36	Impact of foot-and-mouth disease on milk production on a large-scale dairy farm in Kenya. Preventive Veterinary Medicine, 2015, 120, 177-186.	1.9	34

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37	Low Prevalence of Ocular Chlamydia trachomatis Infection and Active Trachoma in the Western Division of Fiji. PLoS Neglected Tropical Diseases, 2016, 10, e0004798.	3.0	34
38	A Cluster-Randomized Trial of Insecticide-Treated Curtains for Dengue Vector Control in Thailand. American Journal of Tropical Medicine and Hygiene, 2013, 88, 254-259.	1.4	33
39	Prevalence of signs of trachoma, ocular Chlamydia trachomatis infection and antibodies to Pgp3 in residents of Kiritimati Island, Kiribati. PLoS Neglected Tropical Diseases, 2017, 11, e0005863.	3.0	32
40	CASE-CONTROL STUDY OF MOSQUITO NETS AGAINST MALARIA IN THE AMAZON REGION OF COLOMBIA. American Journal of Tropical Medicine and Hygiene, 2005, 73, 140-148.	1.4	32
41	Use of pyriproxyfen in control of Aedes mosquitoes: AÂsystematic review. PLoS Neglected Tropical Diseases, 2020, 14, e0008205.	3.0	30
42	Modelling the impact of intermittent preventive treatment for malaria on selection pressure for drug resistance. Malaria Journal, 2007, 6, 9.	2.3	29
43	Evaluating dengue burden in Africa in passive fever surveillance and seroprevalence studies: protocol of field studies of the Dengue Vaccine Initiative. BMJ Open, 2018, 8, e017673.	1.9	29
44	Schools as Potential Risk Sites for Vector-Borne Disease Transmission: Mosquito Vectors in Rural Schools in Two Municipalities in Colombia. Journal of the American Mosquito Control Association, 2015, 31, 212-222.	0.7	28
45	Clinical features and natural history of the first 2073 suspected COVID-19 cases in the Corona SÃ£o Caetano primary care programme: a prospective cohort study. BMJ Open, 2021, 11, e042745.	1.9	27
46	Spatial modeling of cutaneous leishmaniasis in the Andean region of Colombia. Memorias Do Instituto Oswaldo Cruz, 2016, 111, 433-442.	1.6	25
47	Spatial clustering of high load ocular Chlamydia trachomatis infection in trachoma: a cross-sectional population-based study. Pathogens and Disease, 2017, 75, .	2.0	25
48	A Cluster-Randomized Controlled Trial to Reduce Diarrheal Disease and Dengue Entomological Risk Factors in Rural Primary Schools in Colombia. PLoS Neglected Tropical Diseases, 2016, 10, e0005106.	3.0	24
49	Sample size calculations for skewed distributions. BMC Medical Research Methodology, 2015, 15, 28.	3.1	23
50	Effectiveness of Provider and Community Interventions to Improve Treatment of Uncomplicated Malaria in Nigeria: A Cluster Randomized Controlled Trial. PLoS ONE, 2015, 10, e0133832.	2.5	23
51	Clinical and epidemiologic characteristics associated with dengue during and outside the 2016 outbreak identified in health facility-based surveillance in Ouagadougou, Burkina Faso. PLoS Neglected Tropical Diseases, 2019, 13, e0007882.	3.0	22
52	Case-control study of mosquito nets against malaria in the Amazon region of Colombia. American Journal of Tropical Medicine and Hygiene, 2005, 73, 140-8.	1.4	22
53	Assessing agreement between malaria slide density readings. Malaria Journal, 2010, 9, 4.	2.3	21
54	Long term outcomes and prognostics of visceral leishmaniasis in HIV infected patients with use of pentamidine as secondary prophylaxis based on CD4 level: a prospective cohort study in Ethiopia. PLoS Neglected Tropical Diseases, 2019, 13, e0007132.	3.0	21

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55	Whatâ€™s more general than a whole population?. Emerging Themes in Epidemiology, 2015, 12, 11.	2.7	20
56	A multimedia consent tool for research participants in the Gambia: a randomized controlled trial. Bulletin of the World Health Organization, 2015, 93, 320-328A.	3.3	19
57	House-Level Risk Factors for Triatoma dimidiata Infestation in Colombia. American Journal of Tropical Medicine and Hygiene, 2015, 92, 193-200.	1.4	19
58	A systematic review of the economic impact of rapid diagnostic tests for dengue. BMC Health Services Research, 2017, 17, 850.	2.2	19
59	Composition and Biting Activity ofAnopheles(Diptera: Culicidae) in the Amazon Region of Colombia. Journal of Medical Entomology, 2009, 46, 307-315.	1.8	18
60	Vascular leakage in dengue â€“ clinical spectrum and influence of parenteral fluid therapy. Tropical Medicine and International Health, 2016, 21, 445-453.	2.3	18
61	Complex relationships between Aedes vectors, socio-economics and dengue transmissionâ€”Lessons learned from a case-control study in northeastern Thailand. PLoS Neglected Tropical Diseases, 2020, 14, e0008703.	3.0	18
62	The impact of insecticide treated curtains on dengue virus transmission: A cluster randomized trial in Iquitos, Peru. PLoS Neglected Tropical Diseases, 2020, 14, e0008097.	3.0	18
63	Severe dengue categories as research endpointsâ€”Results from a prospective observational study in hospitalised dengue patients. PLoS Neglected Tropical Diseases, 2020, 14, e0008076.	3.0	17
64	Implementation of guppy fish (Poecilia reticulata), and a novel larvicide (Pyriproxyfen) product (Sumilarv 2MR) for dengue control in Cambodia: A qualitative study of acceptability, sustainability and community engagement. PLoS Neglected Tropical Diseases, 2019, 13, e0007907.	3.0	16
65	Familiar barriers still unresolvedâ€”a perspective on the Zika virus outbreak research response. Lancet Infectious Diseases, The, 2019, 19, e59-e62.	9.1	16
66	AmBisome Monotherapy and Combination AmBisomeâ€“Miltefosine Therapy for the Treatment of Visceral Leishmaniasis in Patients Coinfected With Human Immunodeficiency Virus in India: A Randomized Open-Label, Parallel-Arm, Phase 3 Trial. Clinical Infectious Diseases, 2022, 75, 1423-1432.	5.8	16
67	Determining the efficacy of guppies and pyriproxyfen (SumilarvÂ® 2MR) combined with community engagement on dengue vectors in Cambodia: study protocol for a randomized controlled trial. Trials, 2017, 18, 367.	1.6	15
68	Reinfection by the SARS-CoV-2 Gamma variant in blood donors in Manaus, Brazil. BMC Infectious Diseases, 2022, 22, 127.	2.9	15
69	Are we nearly there yet? Coverage and compliance of mass drug administration for lymphatic filariasis elimination. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 173-174.	1.8	14
70	Cost of rotavirus diarrhea for programmatic evaluation of vaccination in Vietnam. BMC Public Health, 2016, 16, 777.	2.9	14
71	Developing mobile health applications for neglected tropical disease research. PLoS Neglected Tropical Diseases, 2018, 12, e0006791.	3.0	14
72	Impact of foot-and-mouth disease on mastitis and culling on a large-scale dairy farm in Kenya. Veterinary Research, 2015, 46, 41.	3.0	13

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73	Prospective Study of Plasmodium vivax Malaria Recurrence after Radical Treatment with a Chloroquine-Primaquine Standard Regimen in Turbo, Colombia. Antimicrobial Agents and Chemotherapy, 2016, 60, 4610-4619.	3.2	13
74	Antibody response following scrub typhus infection: clinical cohort study. Tropical Medicine and International Health, 2019, 24, 1455-1464.	2.3	13
75	Selection and quantification of infection endpoints for trials of vaccines against intestinal helminths. Vaccine, 2011, 29, 3686-3694.	3.8	12
76	Hospitalisations and outpatient visits for undifferentiated fever attributable to scrub typhus in rural South India: Retrospective cohort and nested case-control study. PLoS Neglected Tropical Diseases, 2019, 13, e0007160.	3.0	12
77	Study protocol for the multicentre cohorts of Zika virus infection in pregnant women, infants, and acute clinical cases in Latin America and the Caribbean: the ZIKAlliance consortium. BMC Infectious Diseases, 2019, 19, 1081.	2.9	11
78	Spatial analysis of cluster randomised trials: a systematic review of analysis methods. Emerging Themes in Epidemiology, 2017, 14, 12.	2.7	10
79	Development of an urban molecular xenomonitoring system for lymphatic filariasis in the Recife Metropolitan Region, Brazil. PLoS Neglected Tropical Diseases, 2018, 12, e0006816.	3.0	10
80	Adaptation and performance of a mobile application for early detection of cutaneous leishmaniasis. PLoS Neglected Tropical Diseases, 2021, 15, e0008989.	3.0	10
81	Integrated disease management: arboviral infections and waterborne diarrhoea. Bulletin of the World Health Organization, 2021, 99, 583-592.	3.3	10
82	Zika virus infection in pregnancy: a protocol for the joint analysis of the prospective cohort studies of the ZIKAlliance, ZikaPLAN and ZIKAction consortia. BMJ Open, 2020, 10, e035307.	1.9	10
83	Factors Associated with Correct and Consistent Insecticide Treated Curtain Use in Iquitos, Peru. PLoS Neglected Tropical Diseases, 2016, 10, e0004409.	3.0	10
84	Assessing dengue transmission risk and a vector control intervention using entomological and immunological indices in Thailand: study protocol for a cluster-randomized controlled trial. Trials, 2018, 19, 122.	1.6	9
85	Land use in relation to composition and abundance of phlebotomines (Diptera: Psychodidae) in five foci of domiciliary transmission of cutaneous leishmaniasis in the Andean region of Colombia. Acta Tropica, 2020, 203, 105315.	2.0	9
86	Dengue virus in humans and mosquitoes and their molecular characteristics in northeastern Thailand 2016-2018. PLoS ONE, 2021, 16, e0257460.	2.5	9
87	Serological biomarker for assessing human exposure to Aedes mosquito bites during a randomized vector control intervention trial in northeastern Thailand. PLoS Neglected Tropical Diseases, 2021, 15, e0009440.	3.0	8
88	Spatial Effects of Permethrin-Impregnated Bed Nets on Child Mortality: 26 Years on, a Spatial Reanalysis of a Cluster Randomized Trial. American Journal of Tropical Medicine and Hygiene, 2019, 101, 1434-1441.	1.4	8
89	Defining ELISpot cut-offs from unreplicated test and control wells. Journal of Immunological Methods, 2013, 392, 57-62.	1.4	7
90	Evaluation of diagnostic tests for Wuchereria bancrofti infection in Brazilian schoolchildren. Revista Da Sociedade Brasileira De Medicina Tropical, 2014, 47, 359-366.	0.9	7

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91	Clinical and epidemiologic characteristics associated with dengue fever in Mombasa, Kenya. International Journal of Infectious Diseases, 2020, 100, 207-215.	3.3	7
92	Interepidemic Detection of Chikungunya Virus Infection and Transmission in Northeastern Thailand. American Journal of Tropical Medicine and Hygiene, 2020, 103, 1660-1669.	1.4	7
93	Tracking the emergence of disparities in the subnational spread of COVID-19 in Brazil using an online application for real-time data visualisation: A longitudinal analysis. The Lancet Regional Health Americas, 2022, 5, 100119.	2.6	7
94	Repeatability of paired counts. Statistics in Medicine, 2007, 26, 3566-3577.	1.6	6
95	Prospective birth cohort in a hyperendemic dengue area in Northeast Brazil: methods and preliminary results. Cadernos De Saude Publica, 2016, 32, .	1.0	6
96	Epidemiology of dengue fever in Gabon: Results from a health facility-based fever surveillance in LambarÃ©nÃ© and its surroundings. PLoS Neglected Tropical Diseases, 2021, 15, e0008861.	3.0	6
97	No evidence of Zika, dengue, or chikungunya virus infection in field-caught mosquitoes from the Recife Metropolitan Region, Brazil, 2015. Wellcome Open Research, 2019, 4, 93.	1.8	6
98	Analysis of incidence rates in cluster-randomized trials of interventions against recurrent infections, with an application to trachoma. Statistics in Medicine, 2005, 24, 2637-2647.	1.6	5
99	Targeted outdoor residual spraying, autodissemination devices and their combination against Aedes mosquitoes: field implementation in a Malaysian urban setting. Bulletin of Entomological Research, 2020, 110, 700-707.	1.0	5
100	Field Efficacy of Larvivorous Fish and Pyriproxyfen Combined with Community Engagement on Dengue Vectors in Cambodia: A Randomized Controlled Trial. American Journal of Tropical Medicine and Hygiene, 2021, 105, 1265-1276.	1.4	5
101	Precision of rate estimation under uniform interval censoring. Statistics in Medicine, 2008, 27, 3442-3445.	1.6	4
102	Spatial regression and spillover effects in cluster randomized trials with count outcomes. Biometrics, 2021, 77, 490-505.	1.4	4
103	Spatiotemporal Analysis of the Population Risk of Congenital Microcephaly in Pernambuco State, Brazil. International Journal of Environmental Research and Public Health, 2020, 17, 700.	2.6	4
104	High initial IgG antibody levels against Orientia tsutsugamushi are associated with an increased risk of severe scrub typhus infection. PLoS Neglected Tropical Diseases, 2021, 15, e0009283.	3.0	4
105	Clinical characteristics of and antibody response to spotted fever group rickettsial infections in South India: Case series and serological cohort study. Tropical Medicine and International Health, 2021, 26, 1616-1623.	2.3	4
106	What not to do in medical statistics. Revista Brasileira De Saude Materno Infantil, 2007, 7, 327-338.	0.5	3
107	Comments on â€˜Log transformation: application and interpretation in biomedical researchâ€™. Statistics in Medicine, 2013, 32, 3768-3769.	1.6	3
108	Risks of Adverse Childhood Outcomes According to Prenatal Time of Exposure to Zika Virus: Assessment in a Cohort Exposed to Zika During an Outbreak in Colombia. Journal of the Pediatric Infectious Diseases Society, 2021, 10, 337-340.	1.3	3

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109	Estimating force of infection from serologic surveys with imperfect tests. PLoS ONE, 2021, 16, e0247255.	2.5	3
110	Lymphatic filariasis elimination endgame in an urban Indian setting: the roles of surveillance and residual microfilaremia after mass drug administration. Infectious Diseases of Poverty, 2021, 10, 73.	3.7	3
111	Performance verification of the Abbott SARS-CoV-2 test for qualitative detection of IgG in Cali, Colombia. PLoS ONE, 2021, 16, e0256566.	2.5	3
112	Integration of phlebotomine ecological niche modelling, and mapping of cutaneous leishmaniasis surveillance data, to identify areas at risk of under-estimation. Acta Tropica, 2021, 224, 106122.	2.0	3
113	Ability of the Premise Condition Index to Identify Premises with Adult and Immature Aedes Mosquitoes in Kampong Cham, Cambodia. American Journal of Tropical Medicine and Hygiene, 2020, 102, 1432-1439.	1.4	3
114	Paper critique as an educational method in epidemiology. Medical Teacher, 2003, 25, 287-290.	1.8	2
115	Triangle plots of three-level explanatory variables. Significance, 2004, 1, 130-131.	0.4	2
116	Generalizing boundaries for triangular designs, and efficacy estimation at extended follow-ups. Trials, 2015, 16, 522.	1.6	2
117	Data management plan for a community-level study of the hidden burden of cutaneous leishmaniasis in Colombia. BMC Research Notes, 2021, 14, 213.	1.4	2
118	Spatial spillover analysis of a cluster-randomized trial against dengue vectors in Trujillo, Venezuela. PLoS Neglected Tropical Diseases, 2020, 14, e0008576.	3.0	2
119	Evaluation of insecticide treated window curtains and water container covers for dengue vector control in a large-scale cluster-randomized trial in Venezuela. PLoS Neglected Tropical Diseases, 2022, 16, e0010135.	3.0	2
120	Addressing the COVID-19 pandemic challenges for operational adaptations of a cluster randomized controlled trial on dengue vector control in Malaysia. BMC Public Health, 2022, 22, 667.	2.9	2
121	Measuring the effectiveness of integrated vector management with targeted outdoor residual spraying and autodissemination devices on the incidence of dengue in urban Malaysia in the iDEM trial (intervention for Dengue Epidemiology in Malaysia): study protocol for a cluster randomized controlled trial. Trials, 2021, 22, 374.	1.6	1
122	Travel-associated infections in Europe. Lancet Infectious Diseases, The, 2015, 15, 879.	9.1	0
123	Frequent inappropriate use of unweighted summary statistics in systematic reviews of pathogen genotypes or genogroups. Journal of Clinical Epidemiology, 2020, 119, 26-35.	5.0	0
124	Agreement and error of titration assays. Journal of Immunological Methods, 2022, 502, 113210.	1.4	0
125	Use of pyriproxyfen in control of Aedes mosquitoes: A systematic review. , 2020, 14, e0008205.		0
126	Use of pyriproxyfen in control of Aedes mosquitoes: A systematic review. , 2020, 14, e0008205.		0

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127	Use of pyriproxyfen in control of Aedes mosquitoes: A systematic review. , 2020, 14, e0008205.		0
128	Use of pyriproxyfen in control of Aedes mosquitoes: A systematic review. , 2020, 14, e0008205.		0