

# Eric James Nilles

## List of Publications by Year in Descending Order

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**Version:** 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

77  
papers

3,203  
citations

19  
h-index

56  
g-index

80  
ext. papers

3,987  
ext. citations

10  
avg, IF

5.13  
L-index

#	Paper	IF	Citations
77	Serological Markers of SARS-CoV-2 Reinfection.. <i>MBio</i> , <b>2022</b> , e0214121	7.8	1
76	mRNA-1273 vaccine-induced antibodies maintain Fc effector functions across SARS-CoV-2 variants of concern.. <i>Immunity</i> , <b>2022</b> ,	32.3	9
75	SARS-CoV-2 antibodies protect against reinfection for at least 6 months in a multicentre seroepidemiological workplace cohort.. <i>PLoS Biology</i> , <b>2022</b> , 20, e3001531	9.7	0
74	Protective Behaviors Associated With Gender During the 2018-2020 Ebola Outbreak in Eastern Democratic Republic of the Congo.. <i>JAMA Network Open</i> , <b>2022</b> , 5, e2147462	10.4	0
73	mRNA-1273 and BNT162b2 COVID-19 vaccines elicit antibodies with differences in Fc-mediated effector functions.. <i>Science Translational Medicine</i> , <b>2022</b> , 14, eabm2311	17.5	11
72	Epidemiological and Immunological Features of Obesity and SARS-CoV-2. <i>Viruses</i> , <b>2021</b> , 13,	6.2	4
71	Interactions between timing and transmissibility explain diverse flavivirus dynamics in Fiji. <i>Nature Communications</i> , <b>2021</b> , 12, 1671	17.4	1
70	Humanitarian Training With Virtual Simulation During a Pandemic. <i>Disaster Medicine and Public Health Preparedness</i> , <b>2021</b> , 1-5	2.8	0
69	Early cross-coronavirus reactive signatures of protective humoral immunity against COVID-19 <b>2021</b> ,		8
68	Adapting Disease Prevention Protocols for Human Spaceflight During COVID-19. <i>Aerospace Medicine and Human Performance</i> , <b>2021</b> , 92, 597-602	1.1	1
67	Evaluation of Three Commercial and Two Non-Commercial Immunoassays for the Detection of Prior Infection to SARS-CoV-2. <i>journal of applied laboratory medicine, The</i> , <b>2021</b> , 6, 1561-1570	2	4
66	Discrete SARS-CoV-2 antibody titers track with functional humoral stability. <i>Nature Communications</i> , <b>2021</b> , 12, 1018	17.4	46
65	Humoral signatures of protective and pathological SARS-CoV-2 infection in children. <i>Nature Medicine</i> , <b>2021</b> , 27, 454-462	50.5	50
64	Implications of a travel connectivity-based approach for infectious disease transmission risks in Oceania. <i>BMJ Open</i> , <b>2021</b> , 11, e046206	3	
63	Subtle immunological differences in mRNA-1273 and BNT162b2 COVID-19 vaccine induced Fc-functional profiles <b>2021</b> ,		8
62	Early cross-coronavirus reactive signatures of humoral immunity against COVID-19. <i>Science Immunology</i> , <b>2021</b> , 6, eabj2901	28	22
61	First evidence of concurrent enzootic and endemic transmission of Ross River virus in the absence of marsupial reservoirs in Fiji. <i>International Journal of Infectious Diseases</i> , <b>2020</b> , 96, 94-96	10.5	8

60	Dynamics of conflict during the Ebola outbreak in the Democratic Republic of the Congo 2018-2019. <i>BMC Medicine</i> , <b>2020</b> , 18, 113	11.4	6
59	SARS-CoV-2 Serosurvey in Addis Ababa, Ethiopia. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 2022-2023	3.2	15
58	Evaluation of two commercial and two non-commercial immunoassays for the detection of prior infection to SARS-CoV-2 <b>2020</b> ,		7
57	Rapid Mix and readTassay for scalable detection of SARS-CoV-2 antibodies in patient plasma <b>2020</b> ,		3
56	Epidemiological and immunological features of obesity and SARS-CoV-2 <b>2020</b> ,		3
55	Using serological data to understand unobserved SARS-CoV-2 risk in health-care settings. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 1351-1352	25.5	9
54	SARS-CoV-2-specific ELISA development. <i>Journal of Immunological Methods</i> , <b>2020</b> , 484-485, 112832	2.5	45
53	Shifting the paradigm: using disease outbreaks to build resilient health systems. <i>BMJ Global Health</i> , <b>2020</b> , 5,	6.6	9
52	Tenacious Endemic Typhoid Fever in Samoa. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, S120-S126	11.6	7
51	Environmental health effects attributed to toxic and infectious agents following hurricanes, cyclones, flash floods and major hydrometeorological events. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2019</b> , 22, 157-171	8.6	14
50	Ross River Virus Antibody Prevalence, Fiji Islands, 2013-2015. <i>Emerging Infectious Diseases</i> , <b>2019</b> , 25, 827-830	10.2	6
49	Institutional trust and misinformation in the response to the 2018-19 Ebola outbreak in North Kivu, DR Congo: a population-based survey. <i>Lancet Infectious Diseases, The</i> , <b>2019</b> , 19, 529-536	25.5	229
48	Sustained Low-Level Transmission of Zika and Chikungunya Viruses after Emergence in the Fiji Islands. <i>Emerging Infectious Diseases</i> , <b>2019</b> , 25, 1535-1538	10.2	10
47	Evaluation of the early warning, alert and response system after Cyclone Winston, Fiji, 2016. <i>Bulletin of the World Health Organization</i> , <b>2019</b> , 97, 178-189C	8.2	5
46	Use of geographically weighted logistic regression to quantify spatial variation in the environmental and sociodemographic drivers of leptospirosis in Fiji: a modelling study. <i>Lancet Planetary Health, The</i> , <b>2018</b> , 2, e223-e232	9.8	21
45	Facing the Shortage of IV Fluids - A Hospital-Based Oral Rehydration Strategy. <i>New England Journal of Medicine</i> , <b>2018</b> , 378, 1475-1477	59.2	14
44	Methicillin resistant Staphylococcus Aureus in emergency department patients in the United Arab Emirates. <i>BMC Emergency Medicine</i> , <b>2018</b> , 18, 12	2.4	9
43	Re-emergence of thiamine deficiency disease in the Pacific islands (2014-15): A case-control study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198590	3.7	8

42	A Large Leptospirosis Outbreak following Successive Severe Floods in Fiji, 2012. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2018</b> , 99, 849-851	3.2	21
41	Using paired serology and surveillance data to quantify dengue transmission and control during a large outbreak in Fiji. <i>ELife</i> , <b>2018</b> , 7,	8.9	16
40	An outbreak investigation of paediatric severe acute respiratory infections requiring admission to intensive care units - Fiji, May 2016. <i>Western Pacific Surveillance and Response Journal: WPSAR</i> , <b>2018</b> , 9, 4-8	1	4
39	Predictive risk mapping of an environmentally-driven infectious disease using spatial Bayesian networks: A case study of leptospirosis in Fiji. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006857	4.8	12
38	Role of Environmental Factors in Shaping Spatial Distribution of Salmonella enterica Serovar Typhi, Fiji. <i>Emerging Infectious Diseases</i> , <b>2018</b> , 24, 284-293	10.2	7
37	Zika Virus Infection during Pregnancy and Effects on Early Childhood Development, French Polynesia, 2013-2016. <i>Emerging Infectious Diseases</i> , <b>2018</b> , 24, 1850-1858	10.2	25
36	Epidemiological Investigation of a Diarrhea Outbreak in the South Pacific Island Nation of Tuvalu During a Severe La Niña-Associated Drought Emergency in 2011. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 96, 576-582	3.2	12
35	Lessons learnt from a three-year pilot field epidemiology training programme. <i>Western Pacific Surveillance and Response Journal: WPSAR</i> , <b>2017</b> , 8, 21-26	1	4
34	Unravelling infectious disease eco-epidemiology using Bayesian networks and scenario analysis: A case study of leptospirosis in Fiji. <i>Environmental Modelling and Software</i> , <b>2017</b> , 97, 271-286	5.2	9
33	Investigation of a Guillain-Barré syndrome cluster in the Republic of Fiji. <i>Journal of the Neurological Sciences</i> , <b>2017</b> , 372, 350-355	3.2	6
32	A cross-sectional seroepidemiological survey of typhoid fever in Fiji. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005786	4.8	19
31	Social mixing in Fiji: Who-eats-with-whom contact patterns and the implications of age and ethnic heterogeneity for disease dynamics in the Pacific Islands. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186911	3.7	7
30	An outbreak investigation of congenital rubella syndrome in Solomon Islands, 2013. <i>Western Pacific Surveillance and Response Journal: WPSAR</i> , <b>2016</b> , 7, 10-13	1	7
29	Increased Rotavirus Prevalence in Diarrheal Outbreak Precipitated by Localized Flooding, Solomon Islands, 2014. <i>Emerging Infectious Diseases</i> , <b>2016</b> , 22, 875-9	10.2	18
28	Human Leptospirosis Infection in Fiji: An Eco-epidemiological Approach to Identifying Risk Factors and Environmental Drivers for Transmission. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004405	4.8	60
27	Transmission Dynamics of Zika Virus in Island Populations: A Modelling Analysis of the 2013-14 French Polynesia Outbreak. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004726	4.8	184
26	Early warning epidemic surveillance in the Pacific island nations: an evaluation of the Pacific syndromic surveillance system. <i>Tropical Medicine and International Health</i> , <b>2016</b> , 21, 917-27	2.3	13
25	Phylogeographical analysis of the dominant multidrug-resistant H58 clade of Salmonella Typhi identifies inter- and intracontinental transmission events. <i>Nature Genetics</i> , <b>2015</b> , 47, 632-9	36.3	305

24	Risk posed by the Ebola epidemic to the Pacific islands: findings of a recent World Health Organization assessment. <i>Western Pacific Surveillance and Response Journal: WPSAR</i> , <b>2015</b> , 6, 45-50	1	3
23	Crossing borders: one world, global health. <i>Clinical Infectious Diseases</i> , <b>2014</b> , 58, v-vi	11.6	2
22	Impact of a targeted typhoid vaccination campaign following cyclone Tomas, Republic of Fiji, 2010. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2014</b> , 90, 1031-8	3.2	25
21	Ebola virus disease in West Africa--the first 9 months of the epidemic and forward projections. <i>New England Journal of Medicine</i> , <b>2014</b> , 371, 1481-95	59.2	1159
20	Epidemiological and molecular features of dengue virus type-1 in New Caledonia, South Pacific, 2001-2013. <i>Virology Journal</i> , <b>2014</b> , 11, 61	6.1	35
19	Improvement of leptospirosis surveillance in remote Pacific islands using serum spotted on filter paper. <i>International Journal of Infectious Diseases</i> , <b>2014</b> , 20, 74-6	10.5	9
18	Characteristics of a dengue outbreak in a remote pacific island chain--Republic of The Marshall Islands, 2011-2012. <i>PLoS ONE</i> , <b>2014</b> , 9, e108445	3.7	8
17	Rapid spread of emerging Zika virus in the Pacific area. <i>Clinical Microbiology and Infection</i> , <b>2014</b> , 20, O595-6	5.6	425
16	Establishing an early warning alert and response network following the Solomon Islands tsunami in 2013. <i>Bulletin of the World Health Organization</i> , <b>2014</b> , 92, 844-8	8.2	3
15	Dengue virus type 3, South Pacific Islands, 2013. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 1034-6	10.2	42
14	Typhoid fever in Fiji: a reversible plague?. <i>Tropical Medicine and International Health</i> , <b>2014</b> , 19, 1284-92	2.3	22
13	Epidemiological and clinical characteristics of imported malaria in the United Arab Emirates. <i>Journal of Travel Medicine</i> , <b>2014</b> , 21, 201-6	12.9	6
12	Response to a large rotavirus outbreak on South Tarawa, Kiribati, 2013. <i>Western Pacific Surveillance and Response Journal: WPSAR</i> , <b>2014</b> , 5, 9-14	1	6
11	Management of high altitude pulmonary edema in the Himalaya: a review of 56 cases presenting at Pheriche medical aid post (4240 m). <i>Wilderness and Environmental Medicine</i> , <b>2013</b> , 24, 32-6	1.4	18
10	The Pacific experience: supporting small island countries and territories to meet their 2012 International Health Regulations (2005) commitments. <i>Western Pacific Surveillance and Response Journal: WPSAR</i> , <b>2013</b> , 4, 14-8	1	9
9	Seasonal influenza vaccine policies, recommendations and use in the World Health Organization Western Pacific Region. <i>Western Pacific Surveillance and Response Journal: WPSAR</i> , <b>2013</b> , 4, 51-9	1	45
8	Ongoing outbreak of dengue serotype-3 in Solomon Islands, January to May 2013. <i>Western Pacific Surveillance and Response Journal: WPSAR</i> , <b>2013</b> , 4, 28-33	1	18
7	Imported malaria: an update. <i>American Journal of Emergency Medicine</i> , <b>2012</b> , 30, 972-80	2.9	10

6	Images in clinical medicine. Deep sulcus sign. <i>New England Journal of Medicine</i> , <b>2012</b> , 366, 552	59.2	7
5	Vascular endothelial growth factor and acute mountain sickness. <i>Journal of Emergencies, Trauma and Shock</i> , <b>2009</b> , 2, 6-9	1.2	8
4	QT intervals compared in small and large hibernators and humans. <i>Biological Rhythm Research</i> , <b>2008</b> , 39, 427-438	0.8	5
3	Delayed intracerebral hemorrhage from an extracranial ball bullet pellet. <i>Pediatric Emergency Care</i> , <b>2007</b> , 23, 409-11	1.4	1
2	Comparison of QT intervals in small and large hibernators and non-hibernators.. <i>FASEB Journal</i> , <b>2007</b> , 21, A1367	0.9	
1	Transmission dynamics of Zika virus in island populations: a modelling analysis of the 2013-14 French Polynesia outbreak		15