

Fiona R M Van Der Klis

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

3,207
citations

159585

30
h-index

182427

51
g-index

92
all docs

92
docs citations

92
times ranked

5017
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental Enteropathy, Oral Vaccine Failure and Growth Faltering in Infants in Bangladesh. <i>EBioMedicine</i> , 2015, 2, 1759-1766.	6.1	215
2	Use of saliva to monitor meningococcal vaccine responses: proposing a threshold in saliva as surrogate of protection. <i>BMC Medical Research Methodology</i> , 2019, 19, 1.	3.1	172
3	Seroprevalence of Pertussis in the Netherlands: Evidence for Increased Circulation of <i>Bordetella pertussis</i> . <i>PLoS ONE</i> , 2010, 5, e14183.	2.5	153
4	Waning of Maternal Antibodies Against Measles, Mumps, Rubella, and Varicella in Communities With Contrasting Vaccination Coverage. <i>Journal of Infectious Diseases</i> , 2013, 208, 10-16.	4.0	120
5	SARS-CoV-2â€“Specific Antibody Detection for Seroepidemiology: A Multiplex Analysis Approach Accounting for Accurate Seroprevalence. <i>Journal of Infectious Diseases</i> , 2020, 222, 1452-1461.	4.0	116
6	Rat adipose tissue rapidly accumulates and slowly releases an orally-administered high vitamin D dose. <i>British Journal of Nutrition</i> , 1998, 79, 527-532.	2.3	102
7	Transplacental Transport of IgG Antibodies Specific for Pertussis, Diphtheria, Tetanus, <i>Haemophilus influenzae</i> Type b, and <i>Neisseria meningitidis</i> Serogroup C Is Lower in Preterm Compared With Term Infants. <i>Pediatric Infectious Disease Journal</i> , 2010, 29, 801-805.	2.0	91
8	Development of a Bead-Based Multiplex Immunoassay for Simultaneous Quantitative Detection of IgG Serum Antibodies against Measles, Mumps, Rubella, and Varicella-Zoster Virus. <i>Vaccine Journal</i> , 2012, 19, 396-400.	3.1	88
9	Nationwide seroprevalence of SARS-CoV-2 and identification of risk factors in the general population of the Netherlands during the first epidemic wave. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 489-495.	3.7	88
10	Persistence of Antibodies to Severe Acute Respiratory Syndrome Coronavirus 2 in Relation to Symptoms in a Nationwide Prospective Study. <i>Clinical Infectious Diseases</i> , 2021, 73, 2155-2162.	5.8	75
11	Bivalent Vaccine Effectiveness Against Type-Specific HPV Positivity: Evidence for Cross-Protection Against Oncogenic Types Among Dutch STI Clinic Visitors. <i>Journal of Infectious Diseases</i> , 2018, 217, 213-222.	4.0	72
12	Iron Deficiency Anemia at Time of Vaccination Predicts Decreased Vaccine Response and Iron Supplementation at Time of Vaccination Increases Humoral Vaccine Response: A Birth Cohort Study and a Randomized Trial Follow-Up Study in Kenyan Infants. <i>Frontiers in Immunology</i> , 2020, 11, 1313.	4.8	70
13	Immunity against <i>Neisseria meningitidis</i> Serogroup C in the Dutch Population before and after Introduction of the Meningococcal C Conjugate Vaccine. <i>PLoS ONE</i> , 2010, 5, e12144.	2.5	67
14	Seroprevalence and Placental Transportation of Maternal Antibodies Specific for <i>Neisseria meningitidis</i> Serogroup C, <i>Haemophilus influenzae</i> Type B, Diphtheria, Tetanus, and Pertussis. <i>Clinical Infectious Diseases</i> , 2009, 49, 58-64.	5.8	64
15	Characteristics of HPV-Specific Antibody Responses Induced by Infection and Vaccination: Cross-Reactivity, Neutralizing Activity, Avidity and IgG Subclasses. <i>PLoS ONE</i> , 2013, 8, e74797.	2.5	64
16	Initiation of Antiretroviral Therapy Before Pregnancy Reduces the Risk of Infection-related Hospitalization in Human Immunodeficiency Virusâ€“exposed Uninfected Infants Born in a High-income Country. <i>Clinical Infectious Diseases</i> , 2019, 68, 1193-1203.	5.8	60
17	Immunogenicity and safety of the bivalent HPV vaccine in female patients with juvenile idiopathic arthritis: a prospective controlled observational cohort study. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1500-1507.	0.9	56
18	Simultaneous Detection of <i>Haemophilus influenzae</i> Type b Polysaccharide-Specific Antibodies and <i>Neisseria meningitidis</i> Serogroup A, C, Y, and W-135 Polysaccharide-Specific Antibodies in a Fluorescent-Bead-Based Multiplex Immunoassay. <i>Vaccine Journal</i> , 2009, 16, 433-436.	3.1	50

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19	The Effect of Maternal Immunisation During Pregnancy on Infant Vaccine Responses. <i>EClinicalMedicine</i> , 2019, 13, 21-30.	7.1	50
20	Development of a Fluorescent-Bead-Based Multiplex Immunoassay To Determine Immunoglobulin G Subclass Responses to <i>Neisseria meningitidis</i> Serogroup A and C Polysaccharides. <i>Vaccine Journal</i> , 2008, 15, 1188-1193.	3.1	47
21	Anal, Penile, and Oral High-Risk HPV Infections and HPV Seropositivity in HIV-Positive and HIV-Negative Men Who Have Sex with Men. <i>PLoS ONE</i> , 2014, 9, e92208.	2.5	45
22	Seroprevalence of Mumps in The Netherlands: Dynamics over a Decade with High Vaccination Coverage and Recent Outbreaks. <i>PLoS ONE</i> , 2013, 8, e58234.	2.5	43
23	Lower Transplacental Antibody Transport for Measles, Mumps, Rubella and Varicella Zoster in Very Preterm Infants. <i>PLoS ONE</i> , 2014, 9, e94714.	2.5	43
24	Serum Perfluoroalkyl Substances, Vaccine Responses, and Morbidity in a Cohort of Guinea-Bissau Children. <i>Environmental Health Perspectives</i> , 2020, 128, 87002.	6.0	43
25	Detection of systemic and mucosal HPV-specific IgG and IgA antibodies in adolescent girls one and two years after HPV vaccination. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 314-321.	3.3	40
26	Associations Between Measures of Social Distancing and Severe Acute Respiratory Syndrome Coronavirus 2 Seropositivity: A Nationwide Population-based Study in the Netherlands. <i>Clinical Infectious Diseases</i> , 2021, 73, 2318-2321.	5.8	40
27	Patterns of Human Papillomavirus DNA and Antibody Positivity in Young Males and Females, Suggesting a Site-Specific Natural Course of Infection. <i>PLoS ONE</i> , 2013, 8, e60696.	2.5	40
28	Varicella zoster virus infection occurs at a relatively young age in the Netherlands. <i>Vaccine</i> , 2013, 31, 5127-5133.	3.8	38
29	Seroprevalence of Pertussis in The Gambia. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 333-338.	2.0	38
30	Infectious reactivation of cytomegalovirus explaining age- and sex-specific patterns of seroprevalence. <i>PLoS Computational Biology</i> , 2017, 13, e1005719.	3.2	36
31	The RECOVAC IR study: the immune response and safety of the mRNA-1273 COVID-19 vaccine in patients with chronic kidney disease, on dialysis or living with a kidney transplant. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 1761-1764.	0.7	33
32	Kinetics of the long-term antibody response after meningococcal C vaccination in patients with juvenile idiopathic arthritis: a retrospective cohort study. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 728-734.	0.9	32
33	Herpes simplex virus type 1 and type 2 in the Netherlands: seroprevalence, risk factors and changes during a 12-year period. <i>BMC Infectious Diseases</i> , 2016, 16, 364.	2.9	32
34	Non-specific effects of measles, mumps, and rubella (MMR) vaccination in high income setting: population based cohort study in the Netherlands. <i>BMJ: British Medical Journal</i> , 2017, 358, j3862.	2.3	32
35	A Two-Center Randomized Trial of an Additional Early Dose of Measles Vaccine: Effects on Mortality and Measles Antibody Levels. <i>Clinical Infectious Diseases</i> , 2018, 66, 1573-1580.	5.8	32
36	Seroepidemiology of High-Risk HPV in HIV-Negative and HIV-Infected MSM: The H2M Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 1698-1708.	2.5	31

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37	Effects of Prophylactic and Therapeutic Paracetamol Treatment during Vaccination on Hepatitis B Antibody Levels in Adults: Two Open-Label, Randomized Controlled Trials. <i>PLoS ONE</i> , 2014, 9, e98175.	2.5	31
38	Review: Current knowledge on the role of HPV antibodies after natural infection and vaccination: Implications for monitoring an HPV vaccination programme. <i>Journal of Medical Virology</i> , 2013, 85, 1379-1385.	5.0	29
39	Immunogenicity of the Bivalent Human Papillomavirus Vaccine in Adolescents with Juvenile Systemic Lupus Erythematosus or Juvenile Dermatomyositis. <i>Journal of Rheumatology</i> , 2013, 40, 1626-1627.	2.0	28
40	Identification of host-pathogen-disease relationships using a scalable multiplex serology platform in UK Biobank. <i>Nature Communications</i> , 2022, 13, 1818.	12.8	28
41	Inconclusive evidence for non-inferior immunogenicity of two- compared with three-dose HPV immunization schedules in preadolescent girls: A systematic review and meta-analysis. <i>Journal of Infection</i> , 2015, 71, 61-73.	3.3	27
42	Common Genetic Variations Associated with the Persistence of Immunity following Childhood Immunization. <i>Cell Reports</i> , 2019, 27, 3241-3253.e4.	6.4	26
43	Comparison of norovirus genogroup I, II and IV seroprevalence among children in the Netherlands, 1963, 1983 and 2006. <i>Journal of General Virology</i> , 2016, 97, 2255-2264.	2.9	26
44	Changes in vitamin-D metabolites and parathyroid hormone in plasma following cholecalciferol administration to pre- and postmenopausal women in the Netherlands in early spring and to postmenopausal women in Curaçao. <i>British Journal of Nutrition</i> , 1996, 75, 637-646.	2.3	24
45	Bacille Calmette-Guérin (BCG) vaccination at birth and antibody responses to childhood vaccines. A randomised clinical trial. <i>Vaccine</i> , 2017, 35, 2084-2091.	3.8	24
46	Enterovirus D68 serosurvey: evidence for endemic circulation in the Netherlands, 2006 to 2016. <i>Eurosurveillance</i> , 2019, 24, .	7.0	24
47	Early Measles Vaccination During an Outbreak in the Netherlands: Short-Term and Long-Term Decreases in Antibody Responses Among Children Vaccinated Before 12 Months of Age. <i>Journal of Infectious Diseases</i> , 2019, 220, 594-602.	4.0	23
48	Improved Specificity of a Multiplex Immunoassay for Quantitation of Anti-Diphtheria Toxin Antibodies with the Use of Diphtheria Toxoid. <i>Vaccine Journal</i> , 2011, 18, 1183-1186.	3.1	22
49	Comparison of two-dose priming plus 9-month booster with a standard three-dose priming schedule for a ten-valent pneumococcal conjugate vaccine in Nepalese infants: a randomised, controlled, open-label, non-inferiority trial. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 405-414.	9.1	22
50	The development of a bead-based multiplex immunoassay for the detection of IgG antibodies to CMV and EBV. <i>Journal of Immunological Methods</i> , 2018, 462, 1-8.	1.4	22
51	Timing of an Adolescent Booster after Single Primary Meningococcal Serogroup C Conjugate Immunization at Young Age; An Intervention Study among Dutch Teenagers. <i>PLoS ONE</i> , 2014, 9, e100651.	2.5	21
52	Reduced serologic response to mumps, measles, and rubella vaccination in patients treated with intravenous immunoglobulin for Kawasaki disease. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1701-1703.	2.9	20
53	No evidence for cross-protection of the HPV-16/18 vaccine against HPV-6/11 positivity in female STI clinic visitors. <i>Journal of Infection</i> , 2017, 74, 393-400.	3.3	19
54	No evidence for a protective effect of naturally induced HPV antibodies on subsequent anogenital HPV infection in HIV-negative and HIV-infected MSM. <i>Journal of Infection</i> , 2014, 69, 375-386.	3.3	18

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55	Safety and immunogenicity of the quadrivalent human papillomavirus vaccine in patients with childhood systemic lupus erythematosus: a real-world interventional multi-centre study. <i>Lupus</i> , 2020, 29, 934-942.	1.6	18
56	The impact of prenatal exposure to parasitic infections and to anthelmintic treatment on antibody responses to routine immunisations given in infancy: Secondary analysis of a randomised controlled trial. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005213.	3.0	18
57	Changes in Antibody Seroprevalence of Seven High-Risk HPV Types between Nationwide Surveillance Studies from 1995â€“96 and 2006â€“07 in The Netherlands. <i>PLoS ONE</i> , 2012, 7, e48807.	2.5	17
58	Salivary antibody levels in adolescents in response to a meningococcal serogroup C conjugate booster vaccination nine years after priming: systemically induced local immunity and saliva as potential surveillance tool. <i>Vaccine</i> , 2015, 33, 3933-3939.	3.8	17
59	Detection of Incident Anal High-Risk Human Papillomavirus DNA in Men Who Have Sex With Men: Incidence or Reactivation?. <i>Journal of Infectious Diseases</i> , 2018, 218, 1018-1026.	4.0	17
60	Socioeconomic Status Is Associated With Antibody Levels Against Vaccine Preventable Diseases in the Netherlands. <i>Frontiers in Public Health</i> , 2018, 6, 209.	2.7	17
61	Comparison of Different Assays To Assess Human Papillomavirus (HPV) Type 16- and 18-Specific Antibodies after HPV Infection and Vaccination. <i>Vaccine Journal</i> , 2013, 20, 1329-1332.	3.1	15
62	Induction of salivary antibody levels in Dutch adolescents after immunization with monovalent meningococcal serogroup C or quadrivalent meningococcal serogroup A, C, W and Y conjugate vaccine. <i>PLoS ONE</i> , 2018, 13, e0191261.	2.5	15
63	Estimating the asymptomatic proportion of SARS-CoV-2 infection in the general population: Analysis of nationwide serosurvey data in the Netherlands. <i>European Journal of Epidemiology</i> , 2021, 36, 735-739.	5.7	15
64	Neutral and Acidic Oligosaccharides Supplementation Does Not Increase the Vaccine Antibody Response in Preterm Infants in a Randomized Clinical Trial. <i>PLoS ONE</i> , 2013, 8, e70904.	2.5	14
65	Immune responses after two- versus three-doses of HPV vaccination up to 4½ years post vaccination: an observational study among Dutch routinely vaccinated girls (HPV2D). <i>Journal of Infectious Diseases</i> , 2017, 215, jiw588.	4.0	14
66	Long-term HPV-specific immune response after one versus two and three doses of bivalent HPV vaccination in Dutch girls. <i>Vaccine</i> , 2019, 37, 7280-7288.	3.8	14
67	HPV Seroconversion Following Anal and Penile HPV Infection in HIV-Negative and HIV-Infected MSM. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 2455-2461.	2.5	13
68	An exploration of individual- and population-level impact of the 2-dose HPV vaccination schedule in pre-adolescent girls. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 1381-1393.	3.3	13
69	Short- and long-term impact of vaccination against cytomegalovirus: a modeling study. <i>BMC Medicine</i> , 2020, 18, 174.	5.5	13
70	Immune surveillance for vaccine-preventable diseases. <i>Expert Review of Vaccines</i> , 2020, 19, 327-339.	4.4	12
71	Age-specific HPV seroprevalence among young females in The Netherlands. <i>Sexually Transmitted Infections</i> , 2010, 86, 494-499.	1.9	11
72	Age-Related Immunity to Meningococcal Serogroup C Vaccination: An Increase in the Persistence of IgG2 Correlates with a Decrease in the Avidity of IgG. <i>PLoS ONE</i> , 2011, 6, e23497.	2.5	11

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73	Effect of early two-dose measles vaccination on childhood mortality and modification by maternal measles antibody in Guinea-Bissau, West Africa: A single-centre open-label randomised controlled trial. <i>EClinicalMedicine</i> , 2022, 49, 101467.	7.1	11
74	Immunogenicity of a hexavalent vaccine co-administered with 7-valent pneumococcal conjugate vaccine. Findings from the National Immunisation Programme in the Netherlands. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 743-748.	3.3	9
75	Persisting Antibody Response 9 Years After Bivalent Human Papillomavirus (HPV) Vaccination in a Cohort of Dutch Women: Immune Response and the Relation to Genital HPV Infections. <i>Journal of Infectious Diseases</i> , 2020, 221, 1884-1894.	4.0	8
76	Seroepidemiology of Measles, Mumps and Rubella on Bonaire, St. Eustatius and Saba: The First Population-Based Serosurveillance Study in Caribbean Netherlands. <i>Vaccines</i> , 2019, 7, 137.	4.4	7
77	Additional Evidence on Serological Correlates of Protection against Measles: An Observational Cohort Study among Once Vaccinated Children Exposed to Measles. <i>Vaccines</i> , 2019, 7, 158.	4.4	7
78	Correlation of Vaccine Responses. <i>Frontiers in Immunology</i> , 2021, 12, 646677.	4.8	7
79	More than 10 years after introduction of an acellular pertussis vaccine in infancy: a cross-sectional serosurvey of pertussis in the Netherlands. <i>Lancet Regional Health - Europe</i> , The, 2021, 10, 100196.	5.6	7
80	Response on Pneumococcal Vaccine in Preterm Infants After Neutral and Acidic Oligosaccharides Supplementation. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 976-982.	2.0	6
81	Persistence of immune response following bivalent HPV vaccination: A follow-up study among girls routinely vaccinated with a two-dose schedule. <i>Vaccine</i> , 2018, 36, 7580-7587.	3.8	6
82	Risk of Measles and Diphtheria Introduction and Transmission on Bonaire, Caribbean Netherlands, 2018. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 237-241.	1.4	6
83	Changes in HPV Seroprevalence from an Unvaccinated toward a Girls-Only Vaccinated Population in the Netherlands. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2243-2254.	2.5	4
84	Different Dynamics for IgG and IgA Memory B Cells in Adolescents following a Meningococcal Serogroup C Tetanus Toxoid Conjugate Booster Vaccination Nine Years after Priming: A Role for Priming Age?. <i>PLoS ONE</i> , 2015, 10, e0138665.	2.5	3
85	Maternal Measles Antibodies and Their Influence on All-cause Mortality Following Measles Vaccination: An Alternative to Measure Very Low Maternal Antibody Levels. <i>Clinical Infectious Diseases</i> , 2019, 68, 1758-1760.	5.8	3
86	High varicella zoster virus susceptibility in Caribbean island populations: Implications for vaccination. <i>International Journal of Infectious Diseases</i> , 2020, 94, 16-24.	3.3	3
87	Absence of <i>Neisseria meningitidis</i> Serogroup C-Specific Antibodies during the First Year of Life in The Netherlands: an Age Group at Risk?. <i>Vaccine Journal</i> , 2009, 16, 1521-1523.	3.1	2
88	Reply to Slogrove et al. <i>Clinical Infectious Diseases</i> , 2019, 68, 2158-2158.	5.8	2
89	P540â€¦HPV (sero) prevalence among young MSM visiting the STI clinic: opportunities for targeted HPV vaccination. , 2019, , .		0
90	Estimating the burden of respiratory syncytial virus infection in young children in England: a novel approach to community-based serological surveys through data linkage. <i>Lancet</i> , The, 2019, 394, S104.	13.7	0

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91	Lagging Immune Response to Haemophilus influenzae Serotype b (Hib) Conjugate Vaccine after the Primary Vaccination with Hib of Infants in The Netherlands. <i>Vaccines</i> , 2020, 8, 347.	4.4	0
92	Circulation of Bordetella pertussis in the Caribbean Netherlands: a population-based seroepidemiological study. <i>International Journal of Infectious Diseases</i> , 2021, 111, 21-27.	3.3	0