

Maria Deloria Knoll

List of Publications by Year in descending order

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90
papers

7,059
citations

117625

34
h-index

64796

79
g-index

94
all docs

94
docs citations

94
times ranked

8235
citing authors

#	ARTICLE	IF	CITATIONS
1	Major Risk Factors as Antecedents of Fatal and Nonfatal Coronary Heart Disease Events. JAMA - Journal of the American Medical Association, 2003, 290, 891.	7.4	862
2	Duration of effectiveness of vaccines against SARS-CoV-2 infection and COVID-19 disease: results of a systematic review and meta-regression. Lancet, The, 2022, 399, 924-944.	13.7	752
3	Burden of Streptococcus pneumoniae and Haemophilus influenzae type b disease in children in the era of conjugate vaccines: global, regional, and national estimates for 2000-15. The Lancet Global Health, 2018, 6, e744-e757.	6.3	736
4	Acceptance of COVID-19 Vaccination during the COVID-19 Pandemic in China. Vaccines, 2020, 8, 482.	4.4	666
5	Causes of severe pneumonia requiring hospital admission in children without HIV infection from Africa and Asia: the PERCH multi-country case-control study. Lancet, The, 2019, 394, 757-779.	13.7	569
6	Oxford AstraZeneca COVID-19 vaccine efficacy. Lancet, The, 2021, 397, 72-74.	13.7	540
7	Minimizing predictability while retaining balance through the use of less restrictive randomization procedures. Statistics in Medicine, 2003, 22, 3017-3028.	1.6	207
8	Immune Responses and Antibody Decay after Immunization of Adolescents and Adults with an Acellular Pertussis Vaccine: The APERT Study. Journal of Infectious Diseases, 2004, 190, 535-544.	4.0	141
9	Effect of ten-valent pneumococcal conjugate vaccine on invasive pneumococcal disease and nasopharyngeal carriage in Kenya: a longitudinal surveillance study. Lancet, The, 2019, 393, 2146-2154.	13.7	111
10	Density of Upper Respiratory Colonization With Streptococcus pneumoniae and Its Role in the Diagnosis of Pneumococcal Pneumonia Among Children Aged ≤ 5 Years in the PERCH Study. Clinical Infectious Diseases, 2017, 64, S317-S327.	5.8	96
11	Systematic Review of the Effect of Pneumococcal Conjugate Vaccine Dosing Schedules on Vaccine-type Invasive Pneumococcal Disease Among Young Children. Pediatric Infectious Disease Journal, 2014, 33, S109-S118.	2.0	92
12	Systematic Review of the Indirect Effect of Pneumococcal Conjugate Vaccine Dosing Schedules on Pneumococcal Disease and Colonization. Pediatric Infectious Disease Journal, 2014, 33, S161-S171.	2.0	88
13	Systematic Review of the Effect of Pneumococcal Conjugate Vaccine Dosing Schedules on Vaccine-type Nasopharyngeal Carriage. Pediatric Infectious Disease Journal, 2014, 33, S152-S160.	2.0	87
14	Association of C-Reactive Protein With Bacterial and Respiratory Syncytial Virus-Associated Pneumonia Among Children Aged ≤ 5 Years in the PERCH Study. Clinical Infectious Diseases, 2017, 64, S378-S386.	5.8	84
15	Systematic Review of the Effect of Pneumococcal Conjugate Vaccine Dosing Schedules on Prevention of Pneumonia. Pediatric Infectious Disease Journal, 2014, 33, S140-S151.	2.0	83
16	Is Higher Viral Load in the Upper Respiratory Tract Associated With Severe Pneumonia? Findings From the PERCH Study. Clinical Infectious Diseases, 2017, 64, S337-S346.	5.8	81
17	Enhanced Diagnosis of Pneumococcal Meningitis with Use of the Binax NOW Immunochromatographic Test of Streptococcus pneumoniae Antigen: A Multisite Study. Clinical Infectious Diseases, 2009, 48, S49-S56.	5.8	78
18	The Effect of Antibiotic Exposure and Specimen Volume on the Detection of Bacterial Pathogens in Children With Pneumonia. Clinical Infectious Diseases, 2017, 64, S368-S377.	5.8	70

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19	Breathing New Life into Pneumonia Diagnostics. <i>Journal of Clinical Microbiology</i> , 2009, 47, 3405-3408.	3.9	67
20	Use of seasonal influenza and pneumococcal polysaccharide vaccines in older adults to reduce COVID-19 mortality. <i>Vaccine</i> , 2020, 38, 5398-5401.	3.8	64
21	Standardized Interpretation of Chest Radiographs in Cases of Pediatric Pneumonia From the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S253-S261.	5.8	62
22	A Systematic Review of Coronavirus Disease 2019 Vaccine Efficacy and Effectiveness Against Severe Acute Respiratory Syndrome Coronavirus 2 Infection and Disease. <i>Open Forum Infectious Diseases</i> , 2022, 9, .	0.9	62
23	Chest Radiograph Findings in Childhood Pneumonia Cases From the Multisite PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S262-S270.	5.8	56
24	Systematic Review of the Effect of Pneumococcal Conjugate Vaccine Dosing Schedules on Immunogenicity. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, S119-S129.	2.0	53
25	A global agenda for older adult immunization in the COVID-19 era: A roadmap for action. <i>Vaccine</i> , 2021, 39, 5240-5250.	3.8	52
26	Invasive pneumococcal disease in children aged younger than 5 years in India: a surveillance study. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 305-312.	9.1	51
27	Colonization Density of the Upper Respiratory Tract as a Predictor of Pneumonia—Haemophilus influenzae, Moraxella catarrhalis, Staphylococcus aureus, and Pneumocystis jirovecii. <i>Clinical Infectious Diseases</i> , 2017, 64, S328-S336.	5.8	49
28	Standardization of Laboratory Methods for the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S245-S252.	5.8	48
29	Willingness to pay and financing preferences for COVID-19 vaccination in China. <i>Vaccine</i> , 2021, 39, 1968-1976.	3.8	48
30	Global status of Haemophilus influenzae type b and pneumococcal conjugate vaccines: evidence, policies, and introductions. <i>Current Opinion in Infectious Diseases</i> , 2010, 23, 236-241.	3.1	47
31	Monitoring the Introduction of Pneumococcal Conjugate Vaccines into West Africa: Design and Implementation of a Population-Based Surveillance System. <i>PLoS Medicine</i> , 2012, 9, e1001161.	8.4	41
32	Effect of 10-valent pneumococcal conjugate vaccine on the incidence of radiologically-confirmed pneumonia and clinically-defined pneumonia in Kenyan children: an interrupted time-series analysis. <i>The Lancet Global Health</i> , 2019, 7, e337-e346.	6.3	41
33	Pertussis-Associated Pneumonia in Infants and Children From Low- and Middle-Income Countries Participating in the PERCH Study. <i>Clinical Infectious Diseases</i> , 2016, 63, S187-S196.	5.8	38
34	A policy framework for accelerating adoption of new vaccines. <i>Hum Vaccin</i> , 2010, 6, 1021-1024.	2.4	37
35	Detection of Pneumococcal DNA in Blood by Polymerase Chain Reaction for Diagnosing Pneumococcal Pneumonia in Young Children From Low- and Middle-Income Countries. <i>Clinical Infectious Diseases</i> , 2017, 64, S347-S356.	5.8	37
36	Bayesian Estimation of Pneumonia Etiology: Epidemiologic Considerations and Applications to the Pneumonia Etiology Research for Child Health Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S213-S227.	5.8	37

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37	Microscopic Analysis and Quality Assessment of Induced Sputum From Children With Pneumonia in the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S271-S279.	5.8	32
38	Limited Utility of Polymerase Chain Reaction in Induced Sputum Specimens for Determining the Causes of Childhood Pneumonia in Resource-Poor Settings: Findings From the Pneumonia Etiology Research for Child Health (PERCH) Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S289-S300.	5.8	31
39	National, regional, and state-level burden of <i>Streptococcus pneumoniae</i> and <i>Haemophilus influenzae</i> type b disease in children in India: modelled estimates for 2000â€“15. <i>The Lancet Global Health</i> , 2019, 7, e735-e747.	6.3	31
40	Serotype Distribution of Remaining Pneumococcal Meningitis in the Mature PCV10/13 Period: Findings from the PSERENADE Project. <i>Microorganisms</i> , 2021, 9, 738.	3.6	31
41	Evaluation of Pneumococcal Load in Blood by Polymerase Chain Reaction for the Diagnosis of Pneumococcal Pneumonia in Young Children in the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S357-S367.	5.8	30
42	Global Landscape Review of Serotype-Specific Invasive Pneumococcal Disease Surveillance among Countries Using PCV10/13: The Pneumococcal Serotype Replacement and Distribution Estimation (PSERENADE) Project. <i>Microorganisms</i> , 2021, 9, 742.	3.6	30
43	Cost effectiveness of child pneumococcal conjugate vaccination in middle-income countries. <i>International Health</i> , 2011, 3, 270-281.	2.0	29
44	The Differential Impact of Coadministered Vaccines, Geographic Region, Vaccine Product and Other Covariates on Pneumococcal Conjugate Vaccine Immunogenicity. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, S130-S139.	2.0	29
45	The Diagnostic Utility of Induced Sputum Microscopy and Culture in Childhood Pneumonia. <i>Clinical Infectious Diseases</i> , 2017, 64, S280-S288.	5.8	29
46	Standardizing Surveillance of Pneumococcal Disease. <i>Clinical Infectious Diseases</i> , 2009, 48, S37-S48.	5.8	28
47	Addressing the Analytic Challenges of Cross-Sectional Pediatric Pneumonia Etiology Data. <i>Clinical Infectious Diseases</i> , 2017, 64, S197-S204.	5.8	28
48	Standardization of Clinical Assessment and Sample Collection Across All PERCH Study Sites. <i>Clinical Infectious Diseases</i> , 2017, 64, S228-S237.	5.8	27
49	Situational assessment of adult vaccine preventable disease and the potential for immunization advocacy and policy in low- and middle-income countries. <i>Vaccine</i> , 2021, 39, 1556-1564.	3.8	26
50	Progress and Future Challenges in Coordinated Surveillance and Detection of Pneumococcal and Hib Disease in Developing Countries. <i>Clinical Infectious Diseases</i> , 2009, 48, S33-S36.	5.8	25
51	Should Controls With Respiratory Symptoms Be Excluded From Case-Control Studies of Pneumonia Etiology? Reflections From the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S205-S212.	5.8	25
52	The Incremental Value of Repeated Induced Sputum and Gastric Aspirate Samples for the Diagnosis of Pulmonary Tuberculosis in Young Children With Acute Community-Acquired Pneumonia. <i>Clinical Infectious Diseases</i> , 2017, 64, S309-S316.	5.8	21
53	National, regional, and provincial disease burden attributed to <i>Streptococcus pneumoniae</i> and <i>Haemophilus influenzae</i> type b in children in China: Modelled estimates for 2010â€“17. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 22, 100430.	2.9	21
54	The Global Burden of Meningitis in Children: Challenges with Interpreting Global Health Estimates. <i>Microorganisms</i> , 2021, 9, 377.	3.6	20

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55	Introduction to the Epidemiologic Considerations, Analytic Methods, and Foundational Results From the Pneumonia Etiology Research for Child Health Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S179-S184.	5.8	19
56	Pneumococcal colonization prevalence and density among Thai children with severe pneumonia and community controls. <i>PLoS ONE</i> , 2020, 15, e0232151.	2.5	19
57	National, regional, and state-level pneumonia and severe pneumonia morbidity in children in India: modelled estimates for 2000 and 2015. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 678-687.	5.6	17
58	Safety of Induced Sputum Collection in Children Hospitalized With Severe or Very Severe Pneumonia. <i>Clinical Infectious Diseases</i> , 2017, 64, S301-S308.	5.8	17
59	Binding and neutralizing antibody responses to SARS-CoV-2 in very young children exceed those in adults. <i>JCI Insight</i> , 2022, 7, .	5.0	16
60	The Etiology of Pneumonia From Analysis of Lung Aspirate and Pleural Fluid Samples: Findings From the Pneumonia Etiology Research for Child Health (PERCH) Study. <i>Clinical Infectious Diseases</i> , 2021, 73, e3788-e3796.	5.8	14
61	Data Management and Data Quality in PERCH, a Large International Case-Control Study of Severe Childhood Pneumonia. <i>Clinical Infectious Diseases</i> , 2017, 64, S238-S244.	5.8	13
62	Digital auscultation in PERCH: Associations with chest radiography and pneumonia mortality in children. <i>Pediatric Pulmonology</i> , 2020, 55, 3197-3208.	2.0	13
63	The Etiology of Childhood Pneumonia in Mali. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S18-S28.	2.0	13
64	The Etiology of Childhood Pneumonia in The Gambia. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S7-S17.	2.0	12
65	The Etiology of Pneumonia in HIV-infected Zambian Children. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S50-S58.	2.0	12
66	National and provincial impact and cost-effectiveness of Haemophilus influenzae type b conjugate vaccine in China: a modeling analysis. <i>BMC Medicine</i> , 2021, 19, 181.	5.5	12
67	Methods for a Systematic Review of Pneumococcal Conjugate Vaccine Dosing Schedules. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, S182-S187.	2.0	10
68	Changes in Invasive Pneumococcal Disease Caused by Streptococcus pneumoniae Serotype 1 following Introduction of PCV10 and PCV13: Findings from the PSERENADE Project. <i>Microorganisms</i> , 2021, 9, 696.	3.6	10
69	Deep learning for classification of pediatric chest radiographs by WHO's standardized methodology. <i>PLoS ONE</i> , 2021, 16, e0253239.	2.5	10
70	The Etiology of Pneumonia in Zambian Children. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S40-S49.	2.0	10
71	The Etiology of Pneumonia in HIV-uninfected South African Children. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S59-S68.	2.0	10
72	An Immunocompetent Patient with High Neutralizing Antibody Titers Who Shed COVID-19 Virus for 169 days in China, 2020. <i>China CDC Weekly</i> , 2021, 3, 688-691.	2.3	9

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73	Epidemiology of the Rhinovirus (RV) in African and Southeast Asian Children: A Case-Control Pneumonia Etiology Study. <i>Viruses</i> , 2021, 13, 1249.	3.3	9
74	The Etiology of Pneumonia in HIV-uninfected Children in Kilifi, Kenya. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S29-S39.	2.0	9
75	The Etiology of Childhood Pneumonia in Bangladesh. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S79-S90.	2.0	8
76	1181. Serotype Distribution by Age of Remaining Invasive Pneumococcal Disease After Long-Term PCV10/13 Use: The PSERENADE Project. <i>Open Forum Infectious Diseases</i> , 2021, 8, S683-S684.	0.9	7
77	The Etiology of Pneumonia in HIV-1-infected South African Children in the Era of Antiretroviral Treatment. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S69-S78.	2.0	6
78	Enhanced Diagnosis of Pneumococcal Bacteremia Using Antigen- and Molecular-Based Tools on Blood Specimens in Mali and Thailand: A Prospective Surveillance Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 267-275.	1.4	5
79	Upper Respiratory Tract Co-detection of Human Endemic Coronaviruses and High-density Pneumococcus Associated With Increased Severity Among HIV-Uninfected Children Under 5 Years Old in the PERCH Study. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, 503-512.	2.0	5
80	Assessing the Reliability of SARS-CoV-2 Neutralization Studies That Use Post-Vaccination Sera. <i>Vaccines</i> , 2022, 10, 850.	4.4	5
81	Introduction to the Site-specific Etiologic Results From the Pneumonia Etiology Research for Child Health (PERCH) Study. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S1-S6.	2.0	4
82	An affordable pneumococcal conjugate vaccine after 20 years. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 751-753.	9.1	3
83	1173. Changes in Invasive Pneumococcal Disease Incidence Following Introduction of PCV10 and PCV13 Among Children < 5 Years: The PSERENADE Project. <i>Open Forum Infectious Diseases</i> , 2021, 8, S677-S678.	0.9	0
84	1180. Comparing Changes in Pneumococcal Meningitis Incidence to all Invasive Pneumococcal Disease Following Introduction of PCV10 and PCV13: The PSERENADE Project. <i>Open Forum Infectious Diseases</i> , 2021, 8, S682-S683.	0.9	0
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