

David R Murdoch

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

7,137
citations

159585

30
h-index

62596

80
g-index

175
all docs

175
docs citations

175
times ranked

10476
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Presentation, Etiology, and Outcome of Infective Endocarditis in the 21st Century. Archives of Internal Medicine, 2009, 169, 463.	3.8	1,804
2	Vitamin D supplementation to prevent acute respiratory tract infections: systematic review and meta-analysis of individual participant data. BMJ: British Medical Journal, 2017, 356, i6583.	2.3	1,408
3	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
4	Vitamin D supplementation to prevent acute respiratory infections: a systematic review and meta-analysis of aggregate data from randomised controlled trials. Lancet Diabetes and Endocrinology, the, 2021, 9, 276-292.	11.4	292
5	Changes in the incidence of invasive disease due to Streptococcus pneumoniae, Haemophilus influenzae, and Neisseria meningitidis during the COVID-19 pandemic in 26 countries and territories in the Invasive Respiratory Infection Surveillance Initiative: a prospective analysis of surveillance data. The Lancet Digital Health, 2021, 3, e360-e370.	12.3	260
6	Vitamin D supplementation to prevent acute respiratory infections: individual participant data meta-analysis. Health Technology Assessment, 2019, 23, 1-44.	2.8	230
7	Effect of Vitamin D ³ Supplementation on Upper Respiratory Tract Infections in Healthy Adults. JAMA - Journal of the American Medical Association, 2012, 308, 1333.	7.4	196
8	Etiology of Severe Febrile Illness in Low- and Middle-Income Countries: A Systematic Review. PLoS ONE, 2015, 10, e0127962.	2.5	133
9	Genomic epidemiology reveals transmission patterns and dynamics of SARS-CoV-2 in Aotearoa New Zealand. Nature Communications, 2020, 11, 6351.	12.8	100
10	The use of next generation sequencing in the diagnosis and typing of respiratory infections. Journal of Clinical Virology, 2015, 69, 96-100.	3.1	99
11	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
12	Laboratory Methods for Determining Pneumonia Etiology in Children. Clinical Infectious Diseases, 2012, 54, S146-S152.	5.8	92
13	The etiology of febrile illness in adults presenting to Patan hospital in Kathmandu, Nepal. American Journal of Tropical Medicine and Hygiene, 2004, 70, 670-5.	1.4	88
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	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
16	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
17	Impact of Routine Systematic Polymerase Chain Reaction Testing on Case Finding for Legionnairesâ€™ Disease: A Pre-Post Comparison Study. Clinical Infectious Diseases, 2013, 57, 1275-1281.	5.8	69
18	Breathing New Life into Pneumonia Diagnostics. Journal of Clinical Microbiology, 2009, 47, 3405-3408.	3.9	67

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19	Association of respiratory virus activity and environmental factors with the incidence of invasive pneumococcal disease. <i>Journal of Infection</i> , 2009, 58, 37-46.	3.3	59
20	Emerging Infectious Diseases in an Island Ecosystem: The New Zealand Perspective. <i>Emerging Infectious Diseases</i> , 2001, 7, 767-772.	4.3	55
21	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
22	The Enduring Challenge of Determining Pneumonia Etiology in Children: Considerations for Future Research Priorities. <i>Clinical Infectious Diseases</i> , 2017, 64, S188-S196.	5.8	48
23	Long-Term High-Dose Vitamin D ³ Supplementation and Blood Pressure in Healthy Adults. <i>Hypertension</i> , 2014, 64, 725-730.	2.7	46
24	Association between pneumococcal load and disease severity in adults with pneumonia. <i>Journal of Medical Microbiology</i> , 2012, 61, 1129-1135.	1.8	44
25	Community Prevalence of Fever and Relationship with Malaria Among Infants and Children in Low-Resource Areas. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 178-180.	1.4	41
26	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
27	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
28	Prospective Cohort Study of Infective Endocarditis in People Who Inject Drugs. <i>Journal of the American College of Cardiology</i> , 2021, 77, 544-555.	2.8	36
29	The burden of Legionnaires' disease in New Zealand (LegiNZ): a national surveillance study. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 770-777.	9.1	35
30	Multi-Serotype Pneumococcal Nasopharyngeal Carriage Prevalence in Vaccine Naïve Nepalese Children, Assessed Using Molecular Serotyping. <i>PLoS ONE</i> , 2015, 10, e0114286.	2.5	33
31	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
32	Legionnaires' disease caused by <i>Legionella longbeachae</i> : Clinical features and outcomes of 107 cases from an endemic area. <i>Respirology</i> , 2016, 21, 1292-1299.	2.3	31
33	Legionellosis Caused by Non- <i>Legionella pneumophila</i> Species, with a Focus on <i>Legionella longbeachae</i> . <i>Microorganisms</i> , 2021, 9, 291.	3.6	31
34	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
35	The Diagnostic Utility of Induced Sputum Microscopy and Culture in Childhood Pneumonia. <i>Clinical Infectious Diseases</i> , 2017, 64, S280-S288.	5.8	29
36	Addressing the Analytic Challenges of Cross-Sectional Pediatric Pneumonia Etiology Data. <i>Clinical Infectious Diseases</i> , 2017, 64, S197-S204.	5.8	28

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37	Impact of viral upper respiratory tract infection on the concentration of nasopharyngeal pneumococcal carriage among Kenyan children. <i>Scientific Reports</i> , 2018, 8, 11030.	3.3	28
38	Use of Genomics to Track Coronavirus Disease Outbreaks, New Zealand. <i>Emerging Infectious Diseases</i> , 2021, 27, 1317-1322.	4.3	28
39	Standardization of Clinical Assessment and Sample Collection Across All PERCH Study Sites. <i>Clinical Infectious Diseases</i> , 2017, 64, S228-S237.	5.8	27
40	The Predictive Performance of a Pneumonia Severity Score in Human Immunodeficiency Virus-negative Children Presenting to Hospital in 7 Low- and Middle-income Countries. <i>Clinical Infectious Diseases</i> , 2020, 70, 1050-1057.	5.8	26
41	Emerging Advances in Rapid Diagnostics of Respiratory Infections. <i>Infectious Disease Clinics of North America</i> , 2010, 24, 791-807.	5.1	25
42	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
43	Atypical pneumonia—time to breathe new life into a useful term?. <i>Lancet Infectious Diseases</i> , The, 2009, 9, 512-519.	9.1	23
44	How recent advances in molecular tests could impact the diagnosis of pneumonia. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 533-540.	3.1	23
45	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
46	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
47	<i>Streptococcus pneumoniae</i> Carriage Prevalence in Nepal: Evaluation of a Method for Delayed Transport of Samples from Remote Regions and Implications for Vaccine Implementation. <i>PLoS ONE</i> , 2014, 9, e98739.	2.5	21
48	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
49	Effect of adjunctive single high-dose vitamin D3 on outcome of community-acquired pneumonia in hospitalised adults: The VIDCAPS randomised controlled trial. <i>Scientific Reports</i> , 2018, 8, 13829.	3.3	17
50	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
51	Circulating levels of hydrogen sulfide and substance P in patients with sepsis. <i>Journal of Infection</i> , 2017, 75, 293-300.	3.3	16
52	Interactions of staphyloxanthin and enterobactin with myeloperoxidase and reactive chlorine species. <i>Archives of Biochemistry and Biophysics</i> , 2018, 646, 80-89.	3.0	15
53	A prospective study of bloodstream infections among febrile adolescents and adults attending Yangon General Hospital, Yangon, Myanmar. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008268.	3.0	15
54	COVID-19 vaccine strategies for Aotearoa New Zealand: a mathematical modelling study. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 15, 100256.	2.9	15

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55	How best to determine causative pathogens of pneumonia. <i>Pneumonia (Nathan Qld)</i> , 2016, 8, 1.	6.1	14
56	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
57	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
58	Digital auscultation in PERCH: Associations with chest radiography and pneumonia mortality in children. <i>Pediatric Pulmonology</i> , 2020, 55, 3197-3208.	2.0	13
59	The Etiology of Childhood Pneumonia in Mali. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S18-S28.	2.0	13
60	Bloodstream infections at a tertiary referral hospital in Yangon, Myanmar. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2014, 108, 692-698.	1.8	12
61	The Etiology of Childhood Pneumonia in The Gambia. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S7-S17.	2.0	12
62	The Etiology of Pneumonia in HIV-infected Zambian Children. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S50-S58.	2.0	12
63	Incidence of Typhoid and Paratyphoid Fevers Among Adolescents and Adults in Yangon, Myanmar. <i>Clinical Infectious Diseases</i> , 2019, 68, S124-S129.	5.8	11
64	One Health Aotearoa: a transdisciplinary initiative to improve human, animal and environmental health in New Zealand. <i>One Health Outlook</i> , 2020, 2, 4.	3.4	11
65	The Etiology of Pneumonia in Zambian Children. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S40-S49.	2.0	10
66	The Etiology of Pneumonia in HIV-uninfected South African Children. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S59-S68.	2.0	10
67	Making standards for quantitative real-time pneumococcal PCR. <i>Biomolecular Detection and Quantification</i> , 2014, 2, 1-3.	7.0	9
68	Molecular mechanisms of antimicrobial resistance and phylogenetic relationships of <i>Salmonella enterica</i> isolates from febrile patients in Yangon, Myanmar. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019, 113, 641-648.	1.8	9
69	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
70	The Etiology of Pneumonia in HIV-uninfected Children in Kilifi, Kenya. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S29-S39.	2.0	9
71	Comparison of two schedules of two-dose priming with the ten-valent pneumococcal conjugate vaccine in Nepalese children: an open-label, randomised non-inferiority controlled trial. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 156-164.	9.1	8
72	The Etiology of Childhood Pneumonia in Bangladesh. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S79-S90.	2.0	8

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73	Etiology and Clinical Characteristics of Severe Pneumonia Among Young Children in Thailand. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S91-S100.	2.0	8
74	Revisiting the Cause of Focal Neurological Deficits and Profound Dyspnea at High Altitude—The Potential Role of Patent Foramen Ovale. <i>High Altitude Medicine and Biology</i> , 2015, 16, 350-351.	0.9	7
75	Proposed new industry code on unhealthy food marketing to children and young people: will it make a difference?. <i>New Zealand Medical Journal</i> , 2017, 130, 94-101.	0.5	7
76	Complete Genome Sequence of <i>Legionella saintelensis</i> Isolated from a Patient with Legionnaires' Disease. <i>Genome Announcements</i> , 2018, 6, .	0.8	6
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	Effect of genetic factors on the response to vitamin D3 supplementation in the VIDARIS randomized controlled trial. <i>Nutrition</i> , 2020, 75-76, 110761.	2.4	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	Effect of monthly vitamin D3 supplementation in healthy adults on adverse effects of earthquakes: randomised controlled trial. <i>BMJ</i> , The, 2014, 349, g7260-g7260.	6.0	4
81	Complete Genome Sequence of a <i>Legionella longbeachae</i> Serogroup 1 Strain Isolated from a Patient with Legionnaires' Disease. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
82	Enhancement of Culture of <i>Legionella longbeachae</i> from Respiratory Samples by Use of Immunomagnetic Separation and Antimicrobial Decontamination. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	4
83	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
84	Assessment of an Antibody-in-Lymphocyte Supernatant Assay for the Etiological Diagnosis of Pneumococcal Pneumonia in Children. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 459.	3.9	3
85	Impact of Vaccination on <i>Haemophilus influenzae</i> Type b Carriage in Healthy Children Less Than 5 Years of Age in an Urban Population in Nepal. <i>Journal of Infectious Diseases</i> , 2021, 224, S267-S274.	4.0	3
86	Global health classroom: mixed methods evaluation of an interinstitutional model for reciprocal global health learning among Samoan and New Zealand medical students. <i>Globalization and Health</i> , 2021, 17, 99.	4.9	3
87	Digitally recorded and remotely classified lung auscultation compared with conventional stethoscope classifications among children aged 1–59 months enrolled in the Pneumonia Etiology Research for Child Health (PERCH) case-control study. <i>BMJ Open Respiratory Research</i> , 2022, 9, e001144.	3.0	3
88	O14 Has the 7-valent pneumococcal conjugate vaccine (PCV7) reduced hospital visits and admissions for pneumonia in young children in Calgary?. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, S5-S6.	2.5	2
89	A One Health future to meet the AMR challenge?. <i>New Zealand Veterinary Journal</i> , 2017, 65, 60-61.	0.9	2
90	Reply to Drancourt. <i>Clinical Infectious Diseases</i> , 2017, 65, 2159-2159.	5.8	2

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91	Staphylococcus Aureus Carriage in a New Zealand Primary School. Pediatric Infectious Disease Journal, 2018, 37, e172-e175.	2.0	1
92	Complete Genome Sequence of a Legionella longbeachae Serogroup 2 Isolate Derived from a Patient with Legionnairesâ€™ Disease. Microbiology Resource Announcements, 2020, 9, .	0.6	1
93	Persistence of Immunity Following 2-Dose Priming with a 10-Valent Pneumococcal Conjugate Vaccine at 6 and 10 Weeks or 6 and 14 Weeks of Age in Nepalese Toddlers. Pediatric Infectious Disease Journal, 2021, 40, 937-943.	2.0	0
94	Whole-genome sequencing and ad hoc shared genome analysis of Staphylococcus aureus isolates from a New Zealand primary school. Scientific Reports, 2021, 11, 20328.	3.3	0
95	Extensive epigenetic modification with large-scale chromosomal and plasmid recombination characterise the Legionella longbeachae serogroup 1 genome. Scientific Reports, 2022, 12, 5810.	3.3	0