

Catrin E Moore

List of Publications by Year in descending order

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107
papers

15,466
citations

81434

41
h-index

37326

100
g-index

118
all docs

118
docs citations

118
times ranked

18305
citing authors

#	ARTICLE	IF	CITATIONS
1	Global burden of bacterial antimicrobial resistance in 2019: a systematic analysis. <i>Lancet</i> , The, 2022, 399, 629-655.	6.3	4,915
2	Genomic analysis of diversity, population structure, virulence, and antimicrobial resistance in <i>Klebsiella pneumoniae</i> , an urgent threat to public health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3574-81.	3.3	942
3	Evaluating the Effects of SARS-CoV-2 Spike Mutation D614G on Transmissibility and Pathogenicity. <i>Cell</i> , 2021, 184, 64-75.e11.	13.5	843
4	Complete genomes of two clinical <i>Staphylococcus aureus</i> strains: Evidence for the rapid evolution of virulence and drug resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9786-9791.	3.3	830
5	Drug-resistant enteric fever worldwide, 1990 to 2018: a systematic review and meta-analysis. <i>BMC Medicine</i> , 2020, 18, 1.	2.3	660
6	How Clonal Is <i>Staphylococcus aureus</i> ?. <i>Journal of Bacteriology</i> , 2003, 185, 3307-3316.	1.0	560
7	Virulent Combinations of Adhesin and Toxin Genes in Natural Populations of <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2002, 70, 4987-4996.	1.0	539
8	Recombination within natural populations of pathogenic bacteria: Short-term empirical estimates and long-term phylogenetic consequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 182-187.	3.3	489
9	A Mal functional variant is associated with protection against invasive pneumococcal disease, bacteremia, malaria and tuberculosis. <i>Nature Genetics</i> , 2007, 39, 523-528.	9.4	411
10	Microarrays Reveal that Each of the Ten Dominant Lineages of <i>Staphylococcus aureus</i> Has a Unique Combination of Surface-Associated and Regulatory Genes. <i>Journal of Bacteriology</i> , 2006, 188, 669-676.	1.0	303
11	MBL genotype and risk of invasive pneumococcal disease: a case-control study. <i>Lancet</i> , The, 2002, 359, 1569-1573.	6.3	302
12	Evolutionary History of the Global Emergence of the <i>Escherichia coli</i> Epidemic Clone ST131. <i>MBio</i> , 2016, 7, e02162.	1.8	289
13	Global antibiotic consumption and usage in humans, 2000-2018: a spatial modelling study. <i>Lancet Planetary Health</i> , The, 2021, 5, e893-e904.	5.1	284
14	SARS-CoV-2 within-host diversity and transmission. <i>Science</i> , 2021, 372, .	6.0	278
15	Risk Factors For Hematogenous Complications of Intravascular Catheter-Associated <i>Staphylococcus aureus</i> Bacteremia. <i>Clinical Infectious Diseases</i> , 2005, 40, 695-703.	2.9	235
16	Causes of non-malarial fever in Laos: a prospective study. <i>The Lancet Global Health</i> , 2013, 1, e46-e54.	2.9	197
17	Recommendations for enterovirus diagnostics and characterisation within and beyond Europe. <i>Journal of Clinical Virology</i> , 2018, 101, 11-17.	1.6	161
18	Colistin resistance gene <i>mcr-1</i> and <i>pHNSHP45</i> plasmid in human isolates of <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> . <i>Lancet Infectious Diseases</i> , The, 2016, 16, 285-286.	4.6	119

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19	Seroprotection against serogroup C meningococcal disease in adolescents in the United Kingdom: observational study. <i>BMJ: British Medical Journal</i> , 2008, 336, 1487-1491.	2.4	108
20	Quantifying risks and interventions that have affected the burden of diarrhoea among children younger than 5 years: an analysis of the Global Burden of Disease Study 2017. <i>Lancet Infectious Diseases, The</i> , 2020, 20, 37-59.	4.6	104
21	A Link Between Virulence and Ecological Abundance in Natural Populations of <i>Staphylococcus aureus</i> . <i>Science</i> , 2001, 292, 114-116.	6.0	100
22	Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017. <i>Lancet Infectious Diseases, The</i> , 2020, 20, 60-79.	4.6	95
23	A Prospective Study of the Causes of Febrile Illness Requiring Hospitalization in Children in Cambodia. <i>PLoS ONE</i> , 2013, 8, e60634.	1.1	88
24	Comparison of Multilocus Sequence Typing and Pulsed-Field Gel Electrophoresis as Tools for Typing <i>Staphylococcus aureus</i> Isolates in a Microepidemiological Setting. <i>Journal of Clinical Microbiology</i> , 2002, 40, 3764-3770.	1.8	84
25	Lack of Association between Toll-Like Receptor 2 Polymorphisms and Susceptibility to Severe Disease Caused by <i>Staphylococcus aureus</i> . <i>Vaccine Journal</i> , 2004, 11, 1194-1197.	2.6	84
26	Extensive Within-Host Diversity in Fecally Carried Extended-Spectrum-Beta-Lactamase-Producing <i>Escherichia coli</i> Isolates: Implications for Transmission Analyses. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2122-2131.	1.8	84
27	Reduction of Invasive Pneumococcal Disease 3 Years After the Introduction of the 13-Valent Conjugate Vaccine in the Oxfordshire Region of England. <i>Journal of Infectious Diseases</i> , 2014, 210, 1001-1011.	1.9	83
28	Epidemiology of <i>Clostridium difficile</i> in infants in Oxfordshire, UK: Risk factors for colonization and carriage, and genetic overlap with regional <i>C. difficile</i> infection strains. <i>PLoS ONE</i> , 2017, 12, e0182307.	1.1	82
29	IL8 Genetic Polymorphisms and Invasive Pneumococcal Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 181-187.	2.5	80
30	Host Genetic Factors and Vaccine-Induced Immunity to Hepatitis B Virus Infection. <i>PLoS ONE</i> , 2008, 3, e1898.	1.1	74
31	Genetic Variation at the IL10 Gene Locus Is Associated with Severity of Respiratory Syncytial Virus Bronchiolitis. <i>Journal of Infectious Diseases</i> , 2005, 191, 1705-1709.	1.9	72
32	Variants of the Chemokine Receptor CCR5 Are Associated with Severe Bronchiolitis Caused by Respiratory Syncytial Virus. <i>Journal of Infectious Diseases</i> , 2003, 188, 904-907.	1.9	70
33	Improving the estimation of the global burden of antimicrobial resistant infections. <i>Lancet Infectious Diseases, The</i> , 2019, 19, e392-e398.	4.6	68
34	Contrasting Spatial Distribution and Risk Factors for Past Infection with Scrub Typhus and Murine Typhus in Vientiane City, Lao PDR. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e909.	1.3	67
35	Limited Polymorphism in the Dihydropteroate Synthetase Gene (dhps) of <i>Plasmodium vivax</i> Isolates from Thailand. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 4393-4395.	1.4	63
36	Haplotype mapping of the bronchiolitis susceptibility locus near IL8. <i>Human Genetics</i> , 2004, 114, 272-279.	1.8	59

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37	Pantonâ€“Valentine leucocidin is the key determinant of Staphylococcus aureus pyomyositis in a bacterial GWAS. <i>ELife</i> , 2019, 8, .	2.8	56
38	Decline of meticillin-resistant Staphylococcus aureus in Oxfordshire hospitals is strain-specific and preceded infection-control intensification. <i>BMJ Open</i> , 2011, 1, e000160-e000160.	0.8	55
39	Microbiology Investigation Criteria for Reporting Objectively (MICRO): a framework for the reporting and interpretation of clinical microbiology data. <i>BMC Medicine</i> , 2019, 17, 70.	2.3	55
40	PTPN22 and invasive bacterial disease. <i>Nature Genetics</i> , 2006, 38, 499-500.	9.4	54
41	Antimicrobial Resistance in Invasive Bacterial Infections in Hospitalized Children, Cambodia, 2007â€“2016. <i>Emerging Infectious Diseases</i> , 2018, 24, 841-851.	2.0	50
42	Intrinsic fluoroquinolone resistance in <i>Orientia tsutsugamushi</i> . <i>International Journal of Antimicrobial Agents</i> , 2010, 35, 338-341.	1.1	46
43	Clinically and Microbiologically Derived Azithromycin Susceptibility Breakpoints for <i>Salmonella enterica</i> Serovars Typhi and Paratyphi A. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2756-2764.	1.4	44
44	Molecular Characterization of <i>Cryptosporidium</i> Species and <i>Giardia duodenalis</i> from Symptomatic Cambodian Children. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004822.	1.3	42
45	Functional polymorphisms in the FCN2 gene are not associated with invasive pneumococcal disease. <i>Molecular Immunology</i> , 2007, 44, 3267-3270.	1.0	40
46	The Molecular and Spatial Epidemiology of Typhoid Fever in Rural Cambodia. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004785.	1.3	40
47	Randomized Soil Survey of the Distribution of <i>Burkholderia pseudomallei</i> in Rice Fields in Laos. <i>Applied and Environmental Microbiology</i> , 2011, 77, 532-536.	1.4	39
48	Enteric fever in Cambodian children is dominated by multidrug-resistant H58 <i>Salmonella enterica</i> serovar Typhi with intermediate susceptibility to ciprofloxacin. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2012, 106, 718-724.	0.7	38
49	Changes in antibiotic resistance in animals. <i>Science</i> , 2019, 365, 1251-1252.	6.0	38
50	Predictive diagnostic value of the tourniquet test for the diagnosis of dengue infection in adults. <i>Tropical Medicine and International Health</i> , 2011, 16, 127-133.	1.0	37
51	Loop-Mediated Isothermal Amplification for <i>Rickettsia typhi</i> (the Causal Agent of Murine Typhus): Problems with Diagnosis at the Limit of Detection. <i>Journal of Clinical Microbiology</i> , 2014, 52, 832-838.	1.8	36
52	Surveillance and monitoring of antimicrobial resistance: limitations and lessons from the GRAM project. <i>BMC Medicine</i> , 2019, 17, 176.	2.3	36
53	Pediatric Bloodstream Infections in Cambodia, 2007 to 2011. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, e272-e276.	1.1	34
54	Evaluation of the Diagnostic Accuracy of a Typhoid IgM Flow Assay for the Diagnosis of Typhoid Fever in Cambodian Children Using a Bayesian Latent Class Model Assuming an Imperfect Gold Standard. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 114-120.	0.6	34

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55	A Prospective, Open-label, Randomized Trial of Doxycycline Versus Azithromycin for the Treatment of Uncomplicated Murine Typhus. <i>Clinical Infectious Diseases</i> , 2019, 68, 738-747.	2.9	34
56	NFKBIZ polymorphisms and susceptibility to pneumococcal disease in European and African populations. <i>Genes and Immunity</i> , 2010, 11, 319-325.	2.2	33
57	Urine Antibiotic Activity in Patients Presenting to Hospitals in Laos: Implications for Worsening Antibiotic Resistance. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 85, 295-302.	0.6	32
58	Pediatric Suppurative Parotitis in Cambodia Between 2007 and 2011. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 865-868.	1.1	32
59	An Epidemic of Dengue-1 in a Remote Village in Rural Laos. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2360.	1.3	31
60	Healthcare-associated outbreak of meticillin-resistant <i>Staphylococcus aureus</i> bacteraemia: role of a cryptic variant of an epidemic clone. <i>Journal of Hospital Infection</i> , 2014, 86, 83-89.	1.4	31
61	The Aetiologies and Impact of Fever in Pregnant Inpatients in Vientiane, Laos. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004577.	1.3	31
62	<i>Burkholderia pseudomallei</i> Detection in Surface Water in Southern Laos Using Moore's Swabs. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 86, 872-877.	0.6	30
63	The value of intermittent point-prevalence surveys of healthcare-associated infections for evaluating infection control interventions at Angkor Hospital for Children, Siem Reap, Cambodia. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2013, 107, 248-253.	0.7	29
64	A retrospective analysis of melioidosis in Cambodian children, 2009–2013. <i>BMC Infectious Diseases</i> , 2016, 16, 688.	1.3	29
65	Management of Central Nervous System Infections, Vientiane, Laos, 2003–2011. <i>Emerging Infectious Diseases</i> , 2019, 25, 898-910.	2.0	29
66	Fatal <i>Chromobacterium violaceum</i> septicaemia in northern Laos, a modified oxidase test and post-mortem forensic family G6PD analysis. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2009, 8, 24.	1.7	28
67	Enhanced Determination of <i>Streptococcus pneumoniae</i> Serotypes Associated with Invasive Disease in Laos by Using a Real-Time Polymerase Chain Reaction Serotyping Assay with Cerebrospinal Fluid. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 451-457.	0.6	28
68	Characteristics of CTX-M ESBL-producing <i>Escherichia coli</i> isolates from the Lao People's Democratic Republic, 2004-09. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 240-242.	1.3	25
69	Rapid Diagnostic Tests for Dengue Virus Infection in Febrile Cambodian Children: Diagnostic Accuracy and Incorporation into Diagnostic Algorithms. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003424.	1.3	24
70	Antimicrobial susceptibility of uropathogens isolated from Cambodian children. <i>Paediatrics and International Child Health</i> , 2016, 36, 113-117.	0.3	24
71	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000–17. <i>The Lancet Global Health</i> , 2020, 8, e1038-e1060.	2.9	23
72	Biliary Cirrhosis in a Child with Inherited Interleukin-12 Deficiency. <i>Journal of Tropical Pediatrics</i> , 2008, 54, 269-271.	0.7	22

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73	A Prospective Assessment of the Accuracy of Commercial IgM ELISAs in Diagnosis of Japanese Encephalitis Virus Infections in Patients with Suspected Central Nervous System Infections in Laos. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 87, 171-178.	0.6	22
74	The Epidemiology of Pediatric Bone and Joint Infections in Cambodia, 2007-11. <i>Journal of Tropical Pediatrics</i> , 2013, 59, 36-42.	0.7	22
75	Common NFKBIL2 polymorphisms and susceptibility to pneumococcal disease: a genetic association study. <i>Critical Care</i> , 2010, 14, R227.	2.5	21
76	Etiologies and Resistance Profiles of Bacterial Community-Acquired Pneumonia in Cambodian and Neighboring Countries' Health Care Settings: A Systematic Review (1995 to 2012). <i>PLoS ONE</i> , 2014, 9, e89637.	1.1	21
77	Intestinal Parasite Infections in Symptomatic Children Attending Hospital in Siem Reap, Cambodia. <i>PLoS ONE</i> , 2015, 10, e0123719.	1.1	18
78	Single Nucleotide Polymorphisms in the Toll-Like Receptor 3 and CD44 Genes Are Associated with Persistence of Vaccine-Induced Immunity to the Serogroup C Meningococcal Conjugate Vaccine. <i>Vaccine Journal</i> , 2012, 19, 295-303.	3.2	17
79	Epidemiology of paediatric gastrointestinal colonisation by extended spectrum cephalosporin-resistant <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> isolates in north-west Cambodia. <i>BMC Microbiology</i> , 2019, 19, 59.	1.3	17
80	First National Workshop on Antibiotic Resistance in Cambodia: Phnom Penh, Cambodia, 16-18 November 2011. <i>Journal of Global Antimicrobial Resistance</i> , 2013, 1, 31-34.	0.9	15
81	Urinary antibiotic activity in paediatric patients attending an outpatient department in north-western Cambodia. <i>Tropical Medicine and International Health</i> , 2015, 20, 24-28.	1.0	15
82	Characterisation of Invasive <i>Streptococcus pneumoniae</i> Isolated from Cambodian Children between 2007 - 2012. <i>PLoS ONE</i> , 2016, 11, e0159358.	1.1	15
83	Changing Patterns of Gastrointestinal Parasite Infections in Cambodian Children: 2006-2011. <i>Journal of Tropical Pediatrics</i> , 2012, 58, 509-512.	0.7	14
84	Fatal bacteremia due to immotile <i>Vibrio cholerae</i> serogroup O21 in Vientiane, Laos - a case report. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2008, 7, 10.	1.7	13
85	Impact of a package of diagnostic tools, clinical algorithm, and training and communication on outpatient acute fever case management in low- and middle-income countries: protocol for a randomized controlled trial. <i>Trials</i> , 2020, 21, 974.	0.7	13
86	Potential of nanoparticles encapsulated drugs for possible inhibition of the antimicrobial resistance development. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111943.	2.5	13
87	A rapid research needs appraisal methodology to identify evidence gaps to inform clinical research priorities in response to outbreaks - results from the Lassa fever pilot. <i>BMC Medicine</i> , 2019, 17, 107.	2.3	10
88	Variation in excess all-cause mortality by age, sex, and province during the first wave of the COVID-19 pandemic in Italy. <i>Scientific Reports</i> , 2022, 12, 1077.	1.6	10
89	Ophthalmic infections in children presenting to Angkor Hospital for Children, Siem Reap, Cambodia. <i>BMC Research Notes</i> , 2014, 7, 784.	0.6	9
90	Paediatric <i>Chromobacterium violaceum</i> in Cambodia: the first documented case. <i>Tropical Doctor</i> , 2012, 42, 178-179.	0.2	8

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91	Mannose-binding lectin genotypes: lack of association with susceptibility to thoracic empyema. <i>BMC Medical Genetics</i> , 2010, 11, 5.	2.1	7
92	Pharmacokinetics of TKM-130803 in Sierra Leonean patients with Ebola virus disease: plasma concentrations exceed target levels, with drug accumulation in the most severe patients. <i>EBioMedicine</i> , 2020, 52, 102601.	2.7	7
93	Septic arthritis of the hip in a Cambodian child caused by multidrug-resistant <i>Salmonella enterica</i> serovar Typhi with intermediate susceptibility to ciprofloxacin treated with ceftriaxone and azithromycin. <i>Paediatrics and International Child Health</i> , 2014, 34, 227-229.	0.3	4
94	New Approaches for the Treatment of Chagas Disease. <i>Current Drug Targets</i> , 2021, 22, 835-841.	1.0	4
95	Exonic single nucleotide polymorphisms within TLR3 associated with infant responses to serogroup C meningococcal conjugate vaccine. <i>Vaccine</i> , 2014, 32, 3424-3430.	1.7	3
96	Health in southeast Asia. <i>Lancet</i> , The, 2011, 377, 1571.	6.3	1
97	Antimicrobial susceptibility of uropathogens isolated from Cambodian children. <i>Paediatrics and International Child Health</i> , 0, , 1-5.	0.3	1
98	A child with recurrent mycobacterial infection. <i>Journal of Infection</i> , 2007, 55, e48.	1.7	0
99	Surveillance of healthcare-associated infection at Angkor Hospital for Children, Siem Reap, Cambodia. <i>International Journal of Infectious Diseases</i> , 2012, 16, e375.	1.5	0
100	Evaluation of a Typhoid IgM flow assay for the diagnosis of typhoid fever in Cambodian children using a Bayesian modelling approach assuming an imperfect gold standard. <i>International Journal of Infectious Diseases</i> , 2012, 16, e400-e401.	1.5	0
101	Enteric fever in Cambodian children is dominated by multidrug resistant H58 <i>Salmonella enterica</i> serovar Typhi with decreased susceptibility to ciprofloxacin. <i>International Journal of Infectious Diseases</i> , 2012, 16, e427.	1.5	0
102	A retrospective study of factors which determine a negative blood culture in Cambodian children diagnosed with enteric fever. <i>Paediatrics and International Child Health</i> , 2016, 36, 118-121.	0.3	0
103	Antimicrobial susceptibility of uropathogens isolated from Cambodian children. <i>Paediatrics and International Child Health</i> , 2017, 37, 233-233.	0.3	0
104	Microbiology Investigation Criteria for Reporting Objectively (MICRO): A framework for the reporting and interpretation of clinical microbiology data. <i>Pathology</i> , 2020, 52, S57.	0.3	0
105	Pharmacokinetics of TKM-130803 in Ebola virus disease in Sierra Leonean subjects. <i>Access Microbiology</i> , 2020, 2, .	0.2	0
106	Global Antibiotic Consumption in Humans, 2000 to 2018: A Spatial Modelling Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
107	Mapping Local Variation in Household Overcrowding Across Africa from 2000 to 2018: A Modelling Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0