

Jamie Rylance

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

2,818
citations

236925

25
h-index

214800

47
g-index

124
all docs

124
docs citations

124
times ranked

4264
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Respiratory risks from household air pollution in low and middle income countries. <i>Lancet Respiratory Medicine</i> , 2014, 2, 823-860. | 10.7 | 670 |
| 2 | Inflammation induced by influenza virus impairs human innate immune control of pneumococcus. <i>Nature Immunology</i> , 2018, 19, 1299-1308. | 14.5 | 127 |
| 3 | Patient outcomes associated with post-tuberculosis lung damage in Malawi: a prospective cohort study. <i>Thorax</i> , 2020, 75, 269-278. | 5.6 | 120 |
| 4 | Household Air Pollution Causes Dose-Dependent Inflammation and Altered Phagocytosis in Human Macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 584-593. | 2.9 | 90 |
| 5 | Human alveolar macrophages predominately express combined classical M1 and M2 surface markers in steady state. <i>Respiratory Research</i> , 2018, 19, 66. | 3.6 | 89 |
| 6 | Essential care of critical illness must not be forgotten in the COVID-19 pandemic. <i>Lancet</i> , The, 2020, 395, 1253-1254. | 13.7 | 86 |
| 7 | The Utility of Clinical Features in Patients Presenting With Nontraumatic Headache: An Investigation of Adult Patients Attending an Emergency Department. <i>Headache</i> , 2006, 46, 954-961. | 3.9 | 80 |
| 8 | A framework for Controlled Human Infection Model (CHIM) studies in Malawi: Report of a Wellcome Trust workshop on CHIM in Low Income Countries held in Blantyre, Malawi. <i>Wellcome Open Research</i> , 2017, 2, 70. | 1.8 | 71 |
| 9 | Interaction between the nasal microbiota and <i>S. pneumoniae</i> in the context of live-attenuated influenza vaccine. <i>Nature Communications</i> , 2019, 10, 2981. | 12.8 | 59 |
| 10 | Derivation and validation of a universal vital assessment (UVA) score: a tool for predicting mortality in adult hospitalised patients in sub-Saharan Africa. <i>BMJ Global Health</i> , 2017, 2, e000344. | 4.7 | 58 |
| 11 | Priorities for tuberculosis research: a systematic review. <i>Lancet Infectious Diseases</i> , The, 2010, 10, 886-892. | 9.1 | 56 |
| 12 | Early Warning Scores Generated in Developed Healthcare Settings Are Not Sufficient at Predicting Early Mortality in Blantyre, Malawi: A Prospective Cohort Study. <i>PLoS ONE</i> , 2013, 8, e59830. | 2.5 | 56 |
| 13 | Novel Analysis of Immune Cells from Nasal Microbiopsy Demonstrates Reliable, Reproducible Data for Immune Populations, and Superior Cytokine Detection Compared to Nasal Wash. <i>PLoS ONE</i> , 2017, 12, e0169805. | 2.5 | 53 |
| 14 | Household air pollution and the lung microbiome of healthy adults in Malawi: a cross-sectional study. <i>BMC Microbiology</i> , 2016, 16, 182. | 3.3 | 49 |
| 15 | Chronic lung disease in HIV-infected children established on antiretroviral therapy. <i>Aids</i> , 2016, 30, 2795-2803. | 2.2 | 49 |
| 16 | Use of an early warning score and ability to walk predicts mortality in medical patients admitted to hospitals in Tanzania. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2009, 103, 790-794. | 1.8 | 48 |
| 17 | Aetiology and outcomes of sepsis in adults in sub-Saharan Africa: a systematic review and meta-analysis. <i>Critical Care</i> , 2019, 23, 212. | 5.8 | 46 |
| 18 | Human Immunodeficiency Virus-Associated Chronic Lung Disease in Children and Adolescents in Zimbabwe: Chest Radiographic and High-Resolution Computed Tomographic Findings. <i>Clinical Infectious Diseases</i> , 2018, 66, 274-281. | 5.8 | 42 |

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|----|--|------|-----------|
| 19 | The long term effect of pulmonary tuberculosis on income and employment in a low income, urban setting. <i>Thorax</i> , 2021, 76, 387-395. | 5.6 | 42 |
| 20 | Clinical Characteristics and Lung Function in Older Children Vertically Infected With Human Immunodeficiency Virus in Malawi. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2016, 5, 161-169. | 1.3 | 41 |
| 21 | Chronic Morbidity Among Older Children and Adolescents at Diagnosis of HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2016, 73, 275-281. | 2.1 | 39 |
| 22 | Innate and adaptive nasal mucosal immune responses following experimental human pneumococcal colonization. <i>Journal of Clinical Investigation</i> , 2019, 129, 4523-4538. | 8.2 | 34 |
| 23 | Household air pollution: a call for studies into biomarkers of exposure and predictors of respiratory disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L571-L578. | 2.9 | 33 |
| 24 | Pneumococcal Capsular Polysaccharide Immunity in the Elderly. <i>Vaccine Journal</i> , 2017, 24, . | 3.1 | 33 |
| 25 | Nasal Pneumococcal Density Is Associated with Microaspiration and Heightened Human Alveolar Macrophage Responsiveness to Bacterial Pathogens. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 335-347. | 5.6 | 33 |
| 26 | Bronchoalveolar Lavage (BAL) for Research; Obtaining Adequate Sample Yield. <i>Journal of Visualized Experiments</i> , 2014, , . | 0.3 | 29 |
| 27 | Pneumococcal Colonization in Healthy Adult Research Participants in the Conjugate Vaccine Era, United Kingdom, 2010-2017. <i>Journal of Infectious Diseases</i> , 2019, 219, 1989-1993. | 4.0 | 28 |
| 28 | Upper airways colonisation of <i>Streptococcus pneumoniae</i> in adults aged 60 years and older: A systematic review of prevalence and individual participant data meta-analysis of risk factors. <i>Journal of Infection</i> , 2020, 81, 540-548. | 3.3 | 28 |
| 29 | Single use and conventional bronchoscopes for Broncho alveolar lavage (BAL) in research: a comparative study (NCT 02515591). <i>BMC Pulmonary Medicine</i> , 2017, 17, 83. | 2.0 | 27 |
| 30 | Two Randomized Trials of the Effect of Live Attenuated Influenza Vaccine on Pneumococcal Colonization. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1160-1163. | 5.6 | 27 |
| 31 | The Early Recognition and Management of Sepsis in Sub-Saharan African Adults: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2017. | 2.6 | 25 |
| 32 | Stakeholder views on the acceptability of human infection studies in Malawi. <i>BMC Medical Ethics</i> , 2020, 21, 14. | 2.4 | 22 |
| 33 | Distinct clinical and immunological profiles of patients with evidence of SARS-CoV-2 infection in sub-Saharan Africa. <i>Nature Communications</i> , 2021, 12, 3554. | 12.8 | 21 |
| 34 | A comparison of different scores for diagnosis and mortality prediction of adults with sepsis in Low-and-Middle-Income Countries: a systematic review and meta-analysis. <i>EClinicalMedicine</i> , 2021, 42, 101184. | 7.1 | 20 |
| 35 | An Improvised Pulmonary Telerehabilitation Program for Postacute COVID-19 Patients Would Be Feasible and Acceptable in a Low-Resource Setting. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021, 100, 209-212. | 1.4 | 19 |
| 36 | Experimental Human Challenge Defines Distinct Pneumococcal Kinetic Profiles and Mucosal Responses between Colonized and Non-Colonized Adults. <i>MBio</i> , 2021, 12, . | 4.1 | 19 |

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|----|--|-----|-----------|
| 37 | Experimental Human Pneumococcal Colonization in Older Adults Is Feasible and Safe, Not Immunogenic. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 604-613. | 5.6 | 17 |
| 38 | Pneumococcal colonization impairs mucosal immune responses to Live Attenuated Influenza Vaccine in adults. <i>JCI Insight</i> , 2021, 6, . | 5.0 | 17 |
| 39 | Respiratory symptoms and lung function in patients treated for pulmonary tuberculosis in Malawi: a prospective cohort study. <i>Thorax</i> , 2022, 77, 1131-1139. | 5.6 | 17 |
| 40 | Oxygen saturations of medical inpatients in a Malawian hospital: cross-sectional study of oxygen supply and demand. <i>Pneumonia (Nathan Qld)</i> , 2012, 1, 3-6. | 6.1 | 16 |
| 41 | Screening Heroin Smokers Attending Community Drug Clinics for Change in Lung Function. <i>Chest</i> , 2020, 157, 558-565. | 0.8 | 16 |
| 42 | Acute exposure of mice to high-dose ultrafine carbon black decreases susceptibility to pneumococcal pneumonia. <i>Particle and Fibre Toxicology</i> , 2010, 7, 30. | 6.2 | 15 |
| 43 | Community-Acquired Pneumonia in Sub-Saharan Africa. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2016, 37, 855-867. | 2.1 | 15 |
| 44 | Unexpectedly High Prevalence of Cytomegalovirus DNAemia in Older Children and Adolescents With Perinatally Acquired Human Immunodeficiency Virus Infection. <i>Clinical Infectious Diseases</i> , 2019, 69, 580-587. | 5.8 | 15 |
| 45 | Hands are vehicles for transmission of <i>Streptococcus pneumoniae</i> in novel controlled human infection study. <i>European Respiratory Journal</i> , 2018, 52, 1800599. | 6.7 | 14 |
| 46 | Population Incidence and Mortality of Sepsis in an Urban African Setting, 2013–2016. <i>Clinical Infectious Diseases</i> , 2020, 71, 2547-2552. | 5.8 | 14 |
| 47 | Chronic Household Air Pollution Exposure Is Associated with Impaired Alveolar Macrophage Function in Malawian Non-Smokers. <i>PLoS ONE</i> , 2015, 10, e0138762. | 2.5 | 13 |
| 48 | Establishment of a high-dependency unit in Malawi. <i>BMJ Global Health</i> , 2020, 5, e004041. | 4.7 | 13 |
| 49 | Effect of antiretroviral therapy on longitudinal lung function trends in older children and adolescents with HIV-infection. <i>PLoS ONE</i> , 2019, 14, e0213556. | 2.5 | 12 |
| 50 | Chronic lung disease in children and adolescents with HIV: a case–control study. <i>Tropical Medicine and International Health</i> , 2020, 25, 590-599. | 2.3 | 12 |
| 51 | Recommendations for fluid management of adults with sepsis in sub-Saharan Africa: a systematic review of guidelines. <i>Critical Care</i> , 2020, 24, 286. | 5.8 | 12 |
| 52 | A pneumococcal controlled human infection model in Malawi: Transfer of an established pneumococcal carriage model from Liverpool, UK to Blantyre, Malawi – A feasibility study. <i>Wellcome Open Research</i> , 2020, 5, 25. | 1.8 | 12 |
| 53 | Questionnaires for Lung Health in Africa across the Life Course. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1615. | 2.6 | 11 |
| 54 | Diagnostic accuracy of combined thoracic and cardiac sonography for the diagnosis of pulmonary embolism: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2020, 15, e0235940. | 2.5 | 11 |

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|----|---|-----|-----------|
| 55 | A feasibility study of controlled human infection with <i>Streptococcus pneumoniae</i> in Malawi. <i>EBioMedicine</i> , 2021, 72, 103579. | 6.1 | 11 |
| 56 | Knowledge of health workers relating to sepsis awareness and management in LambarÃ©nÃ©, Gabon. <i>Acta Tropica</i> , 2021, 219, 105914. | 2.0 | 10 |
| 57 | Immunoactivating Peptide P4 Augments Alveolar Macrophage Phagocytosis in Two Diverse Human Populations. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4566-4569. | 3.2 | 9 |
| 58 | Exploring smoke: an ethnographic study of air pollution in rural Malawi. <i>BMJ Global Health</i> , 2021, 6, e004970. | 4.7 | 8 |
| 59 | A pneumococcal controlled human infection model in Malawi: Transfer of an established pneumococcal carriage model from Liverpool, UK to Blantyre, Malawi â€” A feasibility study. <i>Wellcome Open Research</i> , 2020, 5, 25. | 1.8 | 8 |
| 60 | A Formative Qualitative Study on the Acceptability of Deferred Consent in Adult Emergency Care Research in Malawi. <i>Journal of Empirical Research on Human Research Ethics</i> , 2019, 14, 318-327. | 1.3 | 7 |
| 61 | Symptoms associated with influenza vaccination and experimental human pneumococcal colonisation of the nasopharynx. <i>Vaccine</i> , 2020, 38, 2298-2306. | 3.8 | 7 |
| 62 | A Longitudinal, Observational Study of Etiology and Long-Term Outcomes of Sepsis in Malawi Revealing the Key Role of Disseminated Tuberculosis. <i>Clinical Infectious Diseases</i> , 2022, 74, 1840-1849. | 5.8 | 7 |
| 63 | Changing lung function and associated health-related quality-of-life: A five-year cohort study of Malawian adults. <i>EClinicalMedicine</i> , 2021, 41, 101166. | 7.1 | 7 |
| 64 | TB morbidity estimates overlook the contribution of post-TB disability: evidence from urban Malawi. <i>BMJ Global Health</i> , 2022, 7, e007643. | 4.7 | 7 |
| 65 | Where there's smoke... there's tuberculosis. <i>Thorax</i> , 2009, 64, 649-650. | 5.6 | 5 |
| 66 | Pneumonia severity scores in resource poor settings. <i>Pneumonia (Nathan Qld)</i> , 2014, 5, 30-37. | 6.1 | 5 |
| 67 | Nasopharyngeal colonisation with <i>Streptococcus pneumoniae</i> in malnourished children: a systematic review and meta-analysis of prevalence. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019, 113, 227-233. | 1.8 | 5 |
| 68 | Sonographic B-Lines, Fluid Resuscitation, and Hypoxemia in Malawian Patients with Suspected Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 463-466. | 5.6 | 5 |
| 69 | â€œAt first, I was very afraidâ€”a qualitative description of participantsâ€™ views and experiences in the first Human Infection Study in Malawi. <i>Wellcome Open Research</i> , 0, 6, 89. | 1.8 | 5 |
| 70 | Comparison of methods for the analysis of airway macrophage particulate load from induced sputum, a potential biomarker of air pollution exposure. <i>BMC Pulmonary Medicine</i> , 2015, 15, 137. | 2.0 | 4 |
| 71 | The African Sepsis Alliance: making a difference in the fight against sepsis in Africa. <i>Infection</i> , 2018, 46, 733-734. | 4.7 | 4 |
| 72 | Inability to Walk Predicts Death among Adult Patients in Hospitals in Malawi. <i>Emergency Medicine International</i> , 2019, 2019, 1-5. | 0.8 | 4 |

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|----|---|-----|-----------|
| 73 | “At first, I was very afraid” a qualitative description of participants’ views and experiences in the first Human Infection Study in Malawi. Wellcome Open Research, 2021, 6, 89. | 1.8 | 4 |
| 74 | Point of care ultrasound in acutely breathless patients-A qualitative study of the enablers and challenges in a teaching hospital in Kenya. , 0, 2, 130-139. | | 4 |
| 75 | Non-communicable respiratory disease in Malawi: a systematic review and meta-analysis. Malawi Medical Journal, 2020, 32, 64-73. | 0.6 | 4 |
| 76 | On prioritising global health’s triple crisis of sepsis, COVID-19 and antimicrobial resistance: a mixed-methods study from Malawi. BMC Health Services Research, 2022, 22, 613. | 2.2 | 4 |
| 77 | Global Considerations in Human Immunodeficiency Virus-Associated Respiratory Disease. Seminars in Respiratory and Critical Care Medicine, 2016, 37, 166-180. | 2.1 | 3 |
| 78 | The influence of pneumococcal conjugate vaccine-13 on nasal colonisation in a controlled human infection model of pneumococcal carriage in Malawi: a double-blinded randomised controlled trial protocol. Wellcome Open Research, 0, 6, 240. | 1.8 | 3 |
| 79 | Validity of the qSOFA Score in Low- and Middle-Income Countries. JAMA - Journal of the American Medical Association, 2018, 320, 2038. | 7.4 | 2 |
| 80 | The nose is the best niche for detection of experimental pneumococcal colonisation in adults of all ages, using nasal wash. Scientific Reports, 2021, 11, 18279. | 3.3 | 2 |
| 81 | Cohort profile: The Chikwawa lung health cohort; a population-based observational non-communicable respiratory disease study of adults in Malawi. PLoS ONE, 2020, 15, e0242226. | 2.5 | 2 |
| 82 | “An increase in COVID-19 patients would be overwhelming” A qualitative description of healthcare workers’ experiences during the first wave of COVID-19 (March 2020 to October) Tj ETQq0 D0 rgBT /@verlock 1 | | |
| 83 | “We threw away the stones” a mixed method evaluation of a simple cookstove intervention in Malawi. Wellcome Open Research, 2022, 7, 52. | 1.8 | 2 |
| 84 | Influence of sex, season and environmental air quality on experimental human pneumococcal carriage acquisition: a retrospective cohort analysis. ERJ Open Research, 2022, 8, 00586-2021. | 2.6 | 2 |
| 85 | Validating a novel index (SWAT-Bp) to predict mortality risk of community-acquired pneumonia in Malawi. Malawi Medical Journal, 2019, 30, 230. | 0.6 | 1 |
| 86 | Exploring perspectives on chronic obstructive pulmonary disease in people who smoke heroin: a qualitative study. BJGP Open, 2020, 4, bjgpopen20X101055. | 1.8 | 1 |
| 87 | Protocol for a single-centre mixed-method pre-“post single-arm feasibility trial of a culturally appropriate 6-week pulmonary rehabilitation programme among adults with functionally limiting chronic respiratory diseases in Malawi. BMJ Open, 2022, 12, e057538. | 1.9 | 1 |
| 88 | “My life is not going to be the same, my health is going to improve” a cross-sectional qualitative study of patients’ experiences of living with chronic respiratory symptoms and their views on a proposed pulmonary rehabilitation program at Queen Elizabeth Central Hospital, Blantyre, Malawi. Wellcome Open Research, 0, 7, 70. | 1.8 | 1 |
| 89 | “We threw away the stones” a mixed method evaluation of a simple cookstove intervention in Malawi. Wellcome Open Research, 0, 7, 52. | 1.8 | 1 |
| 90 | The influence of pneumococcal conjugate vaccine-13 on nasal colonisation in a controlled human infection model of pneumococcal carriage in Malawi: a double-blinded randomised controlled trial protocol. Wellcome Open Research, 0, 6, 240. | 1.8 | 1 |

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|-----|--|-----|-----------|
| 91 | Measuring the true impact of an electronic physiological surveillance system (EPSS). <i>BMJ Quality and Safety</i> , 2015, 24, 175.2-176. | 3.7 | 0 |
| 92 | Supplemental oxygen in Queen Elizabeth Central Hospital Malawi: a prospective cohort study of patients admitted to medical wards. <i>Wellcome Open Research</i> , 0, 6, 29. | 1.8 | 0 |
| 93 | Supplemental oxygen in Queen Elizabeth Central Hospital Malawi: a prospective cohort study of patients admitted to medical wards. <i>Wellcome Open Research</i> , 0, 6, 29. | 1.8 | 0 |
| 94 | Household food insecurity, maternal nutrition, environmental risks and infants' health outcomes: protocol of the IMPALA birth cohort study in Uganda. <i>BMJ Open</i> , 2022, 12, e050729. | 1.9 | 0 |
| 95 | “We threw away the stones” a mixed method evaluation of a simple cookstove intervention in Malawi. <i>Wellcome Open Research</i> , 0, 7, 52. | 1.8 | 0 |
| 96 | Title is missing!. , 2020, 15, e0242226. | | 0 |
| 97 | Title is missing!. , 2020, 15, e0242226. | | 0 |
| 98 | Title is missing!. , 2020, 15, e0242226. | | 0 |
| 99 | Title is missing!. , 2020, 15, e0242226. | | 0 |
| 100 | Title is missing!. , 2020, 15, e0235940. | | 0 |
| 101 | Title is missing!. , 2020, 15, e0235940. | | 0 |
| 102 | Title is missing!. , 2020, 15, e0235940. | | 0 |
| 103 | Title is missing!. , 2020, 15, e0235940. | | 0 |
| 104 | Recognising Sepsis as a Health Priority in Sub-Saharan African Country: Learning Lessons from Engagement with Gabon's Health Policy Stakeholders. <i>Healthcare (Switzerland)</i> , 2022, 10, 877. | 2.0 | 0 |