

Jean Joel Bigna

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

3,078
citations

172207

29
h-index

197535

49
g-index

105
all docs

105
docs citations

105
times ranked

4450
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The rising burden of non-communicable diseases in sub-Saharan Africa. <i>The Lancet Global Health</i> , 2019, 7, e1295-e1296. | 2.9 | 194 |
| 2 | Global prevalence of resistant hypertension: a meta-analysis of data from 3.2 million patients. <i>Heart</i> , 2019, 105, 98-105. | 1.2 | 180 |
| 3 | Prevalence of elevated blood pressure in children and adolescents in Africa: a systematic review and meta-analysis. <i>Lancet Public Health</i> , The, 2017, 2, e375-e386. | 4.7 | 133 |
| 4 | Prevalence of chronic obstructive pulmonary disease in the global population with HIV: a systematic review and meta-analysis. <i>The Lancet Global Health</i> , 2018, 6, e193-e202. | 2.9 | 127 |
| 5 | Global prevalence of diabetes in active tuberculosis: a systematic review and meta-analysis of data from 2.3 million patients with tuberculosis. <i>The Lancet Global Health</i> , 2019, 7, e448-e460. | 2.9 | 117 |
| 6 | Prevalence of dyslipidaemia among adults in Africa: a systematic review and meta-analysis. <i>The Lancet Global Health</i> , 2018, 6, e998-e1007. | 2.9 | 116 |
| 7 | Incidence and Risk Factors for Prediabetes and Diabetes Mellitus Among HIV-infected Adults on Antiretroviral Therapy. <i>Epidemiology</i> , 2018, 29, 431-441. | 1.2 | 101 |
| 8 | Global, regional, and country seroprevalence of <i>Toxoplasma gondii</i> in pregnant women: a systematic review, modelling and meta-analysis. <i>Scientific Reports</i> , 2020, 10, 12102. | 1.6 | 100 |
| 9 | Heart failure in sub-Saharan Africa: A contemporaneous systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2018, 257, 207-215. | 0.8 | 99 |
| 10 | Effect of mobile phone reminders on follow-up medical care of children exposed to or infected with HIV in Cameroon (MORE CARE): a multicentre, single-blind, factorial, randomised controlled trial. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 600-608. | 4.6 | 94 |
| 11 | Geographic distribution of metabolic syndrome and its components in the general adult population: A meta-analysis of global data from 28 million individuals. <i>Diabetes Research and Clinical Practice</i> , 2022, 188, 109924. | 1.1 | 90 |
| 12 | Dengue virus infection in people residing in Africa: a systematic review and meta-analysis of prevalence studies. <i>Scientific Reports</i> , 2019, 9, 13626. | 1.6 | 74 |
| 13 | Global, regional, and country estimates of metabolic syndrome burden in children and adolescents in 2020: a systematic review and modelling analysis. <i>The Lancet Child and Adolescent Health</i> , 2022, 6, 158-170. | 2.7 | 73 |
| 14 | Seroprevalence of hepatitis B virus infection in Cameroon: a systematic review and meta-analysis. <i>BMJ Open</i> , 2017, 7, e015298. | 0.8 | 66 |
| 15 | Prevalence, infectivity and correlates of hepatitis B virus infection among pregnant women in a rural district of the Far North Region of Cameroon. <i>BMC Public Health</i> , 2015, 15, 454. | 1.2 | 61 |
| 16 | Prevalence and progression of rheumatic heart disease: a global systematic review and meta-analysis of population-based echocardiographic studies. <i>Scientific Reports</i> , 2019, 9, 17022. | 1.6 | 56 |
| 17 | Prevalence of prediabetes and diabetes mellitus among adults residing in Cameroon: A systematic review and meta-analysis. <i>Diabetes Research and Clinical Practice</i> , 2018, 137, 109-118. | 1.1 | 49 |
| 18 | Prevention of Cisplatin-Induced Acute Kidney Injury: A Systematic Review and Meta-Analysis. <i>Drugs</i> , 2019, 79, 1567-1582. | 4.9 | 49 |

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|----|--|-----|-----------|
| 19 | Challenges in initiating antiretroviral therapy for all HIV-infected people regardless of CD4 cell count. <i>Infectious Diseases of Poverty</i> , 2016, 5, 85. | 1.5 | 46 |
| 20 | Hepatitis B infection awareness, vaccine perceptions and uptake, and serological profile of a group of health care workers in Yaoundé, Cameroon. <i>BMC Public Health</i> , 2016, 16, 706. | 1.2 | 46 |
| 21 | The burden of hypertensive disorders of pregnancy in Africa: A systematic review and meta-analysis. <i>Journal of Clinical Hypertension</i> , 2019, 21, 479-488. | 1.0 | 46 |
| 22 | Global burden of hypertension among people living with HIV in the era of increased life expectancy: a systematic review and meta-analysis. <i>Journal of Hypertension</i> , 2020, 38, 1659-1668. | 0.3 | 43 |
| 23 | Global Burden of Hepatitis B Infection in People Living With Human Immunodeficiency Virus: A Systematic Review and Meta-analysis. <i>Clinical Infectious Diseases</i> , 2020, 71, 2799-2806. | 2.9 | 39 |
| 24 | Global incidence of surgical site infection after appendectomy: a systematic review and meta-analysis. <i>BMJ Open</i> , 2020, 10, e034266. | 0.8 | 36 |
| 25 | Systemic lupus erythematosus in Native sub-Saharan Africans: A systematic review and meta-analysis. <i>Journal of Autoimmunity</i> , 2020, 106, 102348. | 3.0 | 35 |
| 26 | Factors Associated with Death during Tuberculosis Treatment of Patients Co-Infected with HIV at the Yaoundé Central Hospital, Cameroon: An 8-Year Hospital-Based Retrospective Cohort Study (2006–2013). <i>PLoS ONE</i> , 2014, 9, e115211. | 1.1 | 35 |
| 27 | A comparison of quality of abstracts of systematic reviews including meta-analysis of randomized controlled trials in high-impact general medicine journals before and after the publication of PRISMA extension for abstracts: a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2016, 5, 174. | 2.5 | 34 |
| 28 | HIV related pulmonary arterial hypertension: epidemiology in Africa, physiopathology, and role of antiretroviral treatment. <i>AIDS Research and Therapy</i> , 2015, 12, 36. | 0.7 | 32 |
| 29 | Antiretroviral therapy related adverse effects: Can sub-Saharan Africa cope with the new policy of the World Health Organization?. <i>Infectious Diseases of Poverty</i> , 2017, 6, 24. | 1.5 | 32 |
| 30 | Prevalence and incidence of pulmonary hypertension among HIV-infected people in Africa: a systematic review and meta-analysis. <i>BMJ Open</i> , 2016, 6, e011921. | 0.8 | 31 |
| 31 | Seroprevalence of hepatitis C virus infection in Cameroon: a systematic review and meta-analysis. <i>BMJ Open</i> , 2017, 7, e015748. | 0.8 | 30 |
| 32 | Data on the epidemiology of heart failure in Sub-Saharan Africa. <i>Data in Brief</i> , 2018, 17, 1218-1239. | 0.5 | 28 |
| 33 | Gender development and hepatitis B and C infections among pregnant women in Africa: a systematic review and meta-analysis. <i>Infectious Diseases of Poverty</i> , 2019, 8, 16. | 1.5 | 28 |
| 34 | Community-based health insurance knowledge, concern, preferences, and financial planning for health care among informal sector workers in a health district of Douala, Cameroon. <i>Pan African Medical Journal</i> , 2013, 16, 17. | 0.3 | 27 |
| 35 | Prevalence of white coat and masked hypertension in Africa: A systematic review and meta-analysis. <i>Journal of Clinical Hypertension</i> , 2018, 20, 1165-1172. | 1.0 | 27 |
| 36 | Burden of hepatitis E virus infection in pregnancy and maternofetal outcomes: a systematic review and meta-analysis. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 426. | 0.9 | 27 |

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|----|---|-----|-----------|
| 37 | Meta-Analysis of the Incidence, Prevalence, and Correlates of Atrial Fibrillation in Rheumatic Heart Disease. <i>Global Heart</i> , 2020, 15, 38. | 0.9 | 27 |
| 38 | The highly neglected burden of resistant hypertension in Africa: a systematic review and meta-analysis. <i>BMJ Open</i> , 2016, 6, e011452. | 0.8 | 26 |
| 39 | Prevalence and etiologies of pulmonary hypertension in Africa: a systematic review and meta-analysis. <i>BMC Pulmonary Medicine</i> , 2017, 17, 183. | 0.8 | 25 |
| 40 | Barriers to the implementation of mobile phone reminders in pediatric HIV care: a pre-trial analysis of the Cameroonian MORE CARE study. <i>BMC Health Services Research</i> , 2014, 14, 523. | 0.9 | 24 |
| 41 | Low Sodium and High Potassium Intake for Cardiovascular Prevention: Evidence Revisited With Emphasis on Challenges in Sub-Saharan Africa. <i>Journal of Clinical Hypertension</i> , 2015, 17, 81-83. | 1.0 | 24 |
| 42 | Investigation of an Outbreak of Dengue Virus Serotype 1 in a Rural Area of Kribi, South Cameroon: A Cross-Sectional Study. <i>Intervirology</i> , 2018, 61, 265-271. | 1.2 | 24 |
| 43 | Polio eradication efforts in regions of geopolitical strife: the Boko Haram threat to efforts in sub-Saharan Africa. <i>African Health Sciences</i> , 2016, 16, 584. | 0.3 | 23 |
| 44 | Insulin resistance and associated factors among HIV-infected patients in sub-Saharan Africa: a cross sectional study from Cameroon. <i>Lipids in Health and Disease</i> , 2017, 16, 148. | 1.2 | 22 |
| 45 | Epidemiology and treatment outcomes of diabetic retinopathy in a diabetic population from Cameroon. <i>BMC Ophthalmology</i> , 2014, 14, 19. | 0.6 | 21 |
| 46 | Chikungunya virus infection prevalence in Africa: a contemporaneous systematic review and meta-analysis. <i>Public Health</i> , 2019, 166, 79-88. | 1.4 | 20 |
| 47 | Hypertension prevalence, incidence and risk factors among children and adolescents in Africa: a systematic review and meta-analysis protocol: Table A1. <i>BMJ Open</i> , 2015, 5, e008472. | 0.8 | 18 |
| 48 | Prevalence and patterns of congenital heart diseases in Africa: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2017, 7, e015633. | 0.8 | 18 |
| 49 | Prevalence of human respiratory syncytial virus infection in people with acute respiratory tract infections in Africa: A systematic review and meta-analysis. <i>Influenza and Other Respiratory Viruses</i> , 2018, 12, 793-803. | 1.5 | 18 |
| 50 | Epidemiology of Overweight and Obesity in Adults Living in Cameroon: A Systematic Review and Meta-analysis. <i>Obesity</i> , 2019, 27, 1682-1692. | 1.5 | 17 |
| 51 | Pulmonary hypertension in the global population of adolescents and adults living with HIV: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2019, 9, 7837. | 1.6 | 16 |
| 52 | Epidemiology of depressive disorders in people living with HIV in Africa: a systematic review and meta-analysis. <i>General Hospital Psychiatry</i> , 2019, 57, 13-22. | 1.2 | 16 |
| 53 | Early Mortality during Initial Treatment of Tuberculosis in Patients Co-Infected with HIV at the Yaoundé Central Hospital, Cameroon: An 8-Year Retrospective Cohort Study (2006-2013). <i>PLoS ONE</i> , 2015, 10, e0132394. | 1.1 | 15 |
| 54 | Active smoking among people with diabetes mellitus or hypertension in Africa: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2019, 9, 588. | 1.6 | 15 |

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|----|---|-----|-----------|
| 55 | Global, regional and national estimates of <i>Toxoplasma gondii</i> seroprevalence in pregnant women: a protocol for a systematic review and modelling analysis. <i>BMJ Open</i> , 2019, 9, e030472. | 0.8 | 15 |
| 56 | Global epidemiology and patterns of cerebral venous thrombosis: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2018, 8, e019939. | 0.8 | 14 |
| 57 | Global epidemiology of venous thromboembolism in people with active tuberculosis: a systematic review and meta-analysis. <i>Journal of Thrombosis and Thrombolysis</i> , 2021, 51, 502-512. | 1.0 | 14 |
| 58 | A randomized blinded controlled trial of mobile phone reminders on the follow-up medical care of HIV-exposed and HIV-infected children in Cameroon: study protocol (MORE CARE). <i>Trials</i> , 2013, 14, 313. | 0.7 | 13 |
| 59 | Global burden of active smoking among people living with HIV on antiretroviral therapy: a systematic review and meta-analysis. <i>Infectious Diseases of Poverty</i> , 2021, 10, 12. | 1.5 | 13 |
| 60 | Dyslipidaemia in Africa—comment on a recent systematic review—Authors' reply. <i>The Lancet Global Health</i> , 2019, 7, e308-e309. | 2.9 | 12 |
| 61 | Meta-analysis of Atrial Fibrillation in Patients With Various Cardiomyopathies. <i>American Journal of Cardiology</i> , 2019, 124, 262-269. | 0.7 | 11 |
| 62 | Association of insulin treatment versus oral hypoglycaemic agents with diabetic retinopathy and its severity in type 2 diabetes patients in Cameroon, sub-Saharan Africa. <i>Annals of Translational Medicine</i> , 2016, 4, 395-395. | 0.7 | 11 |
| 63 | Assessment of the agreement between the Framingham and DAD risk equations for estimating cardiovascular risk in adult Africans living with HIV infection: a cross-sectional study. <i>Tropical Diseases, Travel Medicine and Vaccines</i> , 2017, 3, 12. | 0.9 | 10 |
| 64 | Prevalence and correlates of HIV-risky sexual behaviors among students attending the Medical and Social Welfare Center of the University of Maroua, Cameroon. <i>BMC Research Notes</i> , 2015, 8, 635. | 0.6 | 9 |
| 65 | Relationship between estimated cardiovascular disease risk and insulin resistance in a black African population living with HIV: a cross-sectional study from Cameroon. <i>BMJ Open</i> , 2017, 7, e016835. | 0.8 | 9 |
| 66 | Case fatality rate and viral aetiologies of acute respiratory tract infections in HIV positive and negative people in Africa: The VARIAFRICA-HIV systematic review and meta-analysis. <i>Journal of Clinical Virology</i> , 2019, 117, 96-102. | 1.6 | 9 |
| 67 | Prevalence of major cardiovascular disease risk factors among a group of sub-Saharan African young adults: a population-based cross-sectional study in Yaoundé, Cameroon. <i>BMJ Open</i> , 2019, 9, e029858. | 0.8 | 9 |
| 68 | Atherogenic index of plasma and 10-year risk of cardiovascular disease in adult Africans living with HIV infection: A cross-sectional study from Yaoundé, Cameroon. <i>JRSM Cardiovascular Disease</i> , 2017, 6, 204800401774047. | 0.4 | 8 |
| 69 | Global prevalence and incidence of surgical site infections after appendectomy: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2018, 8, e020101. | 0.8 | 8 |
| 70 | Perinatal depressive disorder prevalence in Africa: A systematic review and Bayesian analysis. <i>General Hospital Psychiatry</i> , 2021, 69, 55-60. | 1.2 | 8 |
| 71 | Factors associated with non-adherence to scheduled medical follow-up appointments among Cameroonian children requiring HIV care: a case-control analysis of the usual-care group in the MORE CARE trial. <i>Infectious Diseases of Poverty</i> , 2014, 3, 44. | 1.5 | 7 |
| 72 | Electronic Cigarettes for Curbing the Tobacco-Induced Burden of Noncommunicable Diseases: Evidence Revisited with Emphasis on Challenges in Sub-Saharan Africa. <i>Pulmonary Medicine</i> , 2016, 2016, 1-9. | 0.5 | 7 |

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|----|---|-----|-----------|
| 73 | The Authors Respond. <i>Epidemiology</i> , 2018, 29, e58-e59. | 1.2 | 7 |
| 74 | Association of academic performance of premedical students to satisfaction and engagement in a short training program: a cross sectional study presenting gender differences. <i>BMC Research Notes</i> , 2014, 7, 105. | 0.6 | 6 |
| 75 | Prevalence and associated factors of active smoking among individuals living with hypertension and/or diabetes in Africa: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2017, 7, e015444. | 0.8 | 6 |
| 76 | Prevalence of respiratory bacterial infections in people with lower respiratory tract infections in Africa: the BARIAFRICA systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2018, 8, e023592. | 0.8 | 6 |
| 77 | Hepatitis B virus and HIV coinfection among adults residing in Cameroon: A systematic review and meta-analysis of prevalence studies. <i>Infection, Disease and Health</i> , 2018, 23, 170-178. | 0.5 | 6 |
| 78 | Epidemiology of depressive disorders in people living with hypertension in Africa: a systematic review and meta-analysis. <i>BMJ Open</i> , 2020, 10, e037975. | 0.8 | 6 |
| 79 | Sustaining the community dispensation strategy of HIV antiretroviral through community participation. <i>Infectious Diseases of Poverty</i> , 2019, 8, 5. | 1.5 | 5 |
| 80 | Men who have sex with men: a key population in Africa. <i>Lancet HIV</i> , 2019, 6, e728-e729. | 2.1 | 5 |
| 81 | Changes in smoking patterns after HIV diagnosis or antiretroviral treatment initiation: a global systematic review and meta-analysis. <i>Infectious Diseases of Poverty</i> , 2020, 9, 35. | 1.5 | 5 |
| 82 | Global prevalence of diabetes mellitus in patients with tuberculosis: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2017, 7, e015170. | 0.8 | 4 |
| 83 | Global burden of hypertension in people living with HIV. <i>BMC Medicine</i> , 2021, 19, 112. | 2.3 | 4 |
| 84 | Metabolic syndrome for sub-Saharan Africans diabetes with peripheral arterial disease: a case-control study. <i>BMC Research Notes</i> , 2014, 7, 104. | 0.6 | 3 |
| 85 | Automated text message reminders to promote good health. <i>Lancet Infectious Diseases</i> , 2015, 15, 19-20. | 4.6 | 3 |
| 86 | Prevalence and incidence of major depressive disorders among people living with HIV residing in Africa: a systematic review and meta-analysis protocol. <i>Systematic Reviews</i> , 2018, 7, 6. | 2.5 | 3 |
| 87 | Socioeconomic Determinants, Regional Differences, and Quality of Nephrology Research in Africa. <i>Kidney International Reports</i> , 2020, 5, 1805-1810. | 0.4 | 3 |
| 88 | Write With the Reviewers in Mind: Why You Got a Rejection and How to Avoid the Next. <i>Stroke</i> , 2022, , STROKEAHA122036142. | 1.0 | 3 |
| 89 | Epidemiology of chronic obstructive pulmonary disease in the global HIV-infected population: a systematic review and meta-analysis protocol. <i>Systematic Reviews</i> , 2017, 6, 68. | 2.5 | 2 |
| 90 | Global, regional, and national prevalence of hepatitis B infection in the general and key populations living with HIV: a systematic review and meta-analysis protocol. <i>Systematic Reviews</i> , 2018, 7, 146. | 2.5 | 2 |

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|-----|--|-----|-----------|
| 91 | Epidemiology of venous thromboembolism in people with active tuberculosis: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2019, 9, e031402. | 0.8 | 2 |
| 92 | Global epidemiology of septic shock: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2019, 9, e032289. | 0.8 | 2 |
| 93 | Epidemiological data on systemic lupus erythematosus in native sub-Saharan Africans. <i>Data in Brief</i> , 2020, 28, 104909. | 0.5 | 2 |
| 94 | Body size measures and risk of venous thromboembolism: protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2018, 8, e018958. | 0.8 | 2 |
| 95 | Epidemiology of respiratory viral infections in people with acute respiratory tract infections in Africa: the VARIAFRICA systematic review and meta-analysis protocol. <i>Systematic Reviews</i> , 2019, 8, 122. | 2.5 | 1 |
| 96 | Contemporary occurrence and aetiology of chronic leg ulcers in Africa: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2019, 9, e026868. | 0.8 | 1 |
| 97 | Global prevalence of spondyloarthritis in low-income and middle-income countries: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2020, 10, e041180. | 0.8 | 1 |
| 98 | Impact of air pollution on renal outcomes: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2021, 11, e041088. | 0.8 | 1 |
| 99 | PrEP for men who have sex with men in Africa. <i>Lancet HIV</i> , 2021, 8, e388-e389. | 2.1 | 1 |
| 100 | Prevalence and incidence of hypertension in the global HIV-infected population: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2017, 7, e016531. | 0.8 | 1 |
| 101 | Contemporaneous data on the prevalence of Human Respiratory Syncytial Virus infection in people with acute respiratory tract infections in Africa (2000–2017). <i>Data in Brief</i> , 2018, 20, 940-947. | 0.5 | 0 |
| 102 | Body mass index and outcomes of patients with laparoscopic adrenalectomy: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2019, 9, e028579. | 0.8 | 0 |
| 103 | Claims about the safety and efficacy of early treatment of COVID-19 with hydroxychloroquine and azithromycin must be supported by real evidence. <i>Travel Medicine and Infectious Disease</i> , 2020, 38, 101886. | 1.5 | 0 |