

Jean Joel Bigna

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

3,078
citations

172457

29
h-index

197818

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.	6.3	194
2	Global prevalence of resistant hypertension: a meta-analysis of data from 3.2 million patients. <i>Heart</i> , 2019, 105, 98-105.	2.9	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.	10.0	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.	6.3	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.	6.3	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.	6.3	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.	2.7	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.	3.3	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.	1.7	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.	9.1	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.	2.8	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.	3.3	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.	5.6	73
14	Seroprevalence of hepatitis B virus infection in Cameroon: a systematic review and meta-analysis. <i>BMJ Open</i> , 2017, 7, e015298.	1.9	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.	2.9	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.	3.3	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.	2.8	49
18	Prevention of Cisplatin-Induced Acute Kidney Injury: A Systematic Review and Meta-Analysis. <i>Drugs</i> , 2019, 79, 1567-1582.	10.9	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.	3.7	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.	2.9	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.	2.0	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.	0.5	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.	5.8	39
24	Global incidence of surgical site infection after appendectomy: a systematic review and meta-analysis. <i>BMJ Open</i> , 2020, 10, e034266.	1.9	36
25	Systemic lupus erythematosus in Native sub-Saharan Africans: A systematic review and meta-analysis. <i>Journal of Autoimmunity</i> , 2020, 106, 102348.	6.5	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.	2.5	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.	5.3	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.	1.7	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.	3.7	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.	1.9	31
31	Seroprevalence of hepatitis C virus infection in Cameroon: a systematic review and meta-analysis. <i>BMJ Open</i> , 2017, 7, e015748.	1.9	30
32	Data on the epidemiology of heart failure in Sub-Saharan Africa. <i>Data in Brief</i> , 2018, 17, 1218-1239.	1.0	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.	3.7	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.	0.8	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.	2.0	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.	2.4	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.	2.3	27
38	The highly neglected burden of resistant hypertension in Africa: a systematic review and meta-analysis. <i>BMJ Open</i> , 2016, 6, e011452.	1.9	26
39	Prevalence and etiologies of pulmonary hypertension in Africa: a systematic review and meta-analysis. <i>BMC Pulmonary Medicine</i> , 2017, 17, 183.	2.0	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.	2.2	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.	2.0	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.	2.8	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.	0.7	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.	3.0	22
45	Epidemiology and treatment outcomes of diabetic retinopathy in a diabetic population from Cameroon. <i>BMC Ophthalmology</i> , 2014, 14, 19.	1.4	21
46	Chikungunya virus infection prevalence in Africa: a contemporaneous systematic review and meta-analysis. <i>Public Health</i> , 2019, 166, 79-88.	2.9	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.	1.9	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.	1.9	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.	3.4	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.	3.0	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.	3.3	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.	2.4	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.	2.5	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.	3.3	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.	1.9	15
56	Global epidemiology and patterns of cerebral venous thrombosis: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2018, 8, e019939.	1.9	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.	2.1	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.	1.6	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.	3.7	13
60	Dyslipidaemia in Africa—comment on a recent systematic review—Authors' reply. <i>The Lancet Global Health</i> , 2019, 7, e308-e309.	6.3	12
61	Meta-analysis of Atrial Fibrillation in Patients With Various Cardiomyopathies. <i>American Journal of Cardiology</i> , 2019, 124, 262-269.	1.6	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.	1.7	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.	2.2	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.	1.4	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.	1.9	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.	3.1	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.	1.9	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.	0.7	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.	1.9	8
70	Perinatal depressive disorder prevalence in Africa: A systematic review and Bayesian analysis. <i>General Hospital Psychiatry</i> , 2021, 69, 55-60.	2.4	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.	3.7	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.	1.9	7

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73	The Authors Respond. <i>Epidemiology</i> , 2018, 29, e58-e59.	2.7	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.	1.4	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.	1.9	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.	1.9	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.	1.1	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.	1.9	6
79	Sustaining the community dispensation strategy of HIV antiretroviral through community participation. <i>Infectious Diseases of Poverty</i> , 2019, 8, 5.	3.7	5
80	Men who have sex with men: a key population in Africa. <i>Lancet HIV</i> , 2019, 6, e728-e729.	4.7	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.	3.7	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.	1.9	4
83	Global burden of hypertension in people living with HIV. <i>BMC Medicine</i> , 2021, 19, 112.	5.5	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.	1.4	3
85	Automated text message reminders to promote good health. <i>Lancet Infectious Diseases</i> , 2015, 15, 19-20.	9.1	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.	5.3	3
87	Socioeconomic Determinants, Regional Differences, and Quality of Nephrology Research in Africa. <i>Kidney International Reports</i> , 2020, 5, 1805-1810.	0.8	3
88	Write With the Reviewers in Mind: Why You Got a Rejection and How to Avoid the Next. <i>Stroke</i> , 2022, , STROKEAHA122036142.	2.0	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.	5.3	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.	5.3	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.	1.9	2
92	Global epidemiology of septic shock: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2019, 9, e032289.	1.9	2
93	Epidemiological data on systemic lupus erythematosus in native sub-Saharan Africans. <i>Data in Brief</i> , 2020, 28, 104909.	1.0	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.	1.9	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.	5.3	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.	1.9	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.	1.9	1
98	Impact of air pollution on renal outcomes: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2021, 11, e041088.	1.9	1
99	PrEP for men who have sex with men in Africa. <i>Lancet HIV</i> , 2021, 8, e388-e389.	4.7	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.	1.9	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.	1.0	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.	1.9	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.	3.0	0