

Mark Emmanuel Engel

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

4,998
citations

147726

31
h-index

98753

67
g-index

113
all docs

113
docs citations

113
times ranked

6625
citing authors

#	ARTICLE	IF	CITATIONS
1	Patient Adherence to Tuberculosis Treatment: A Systematic Review of Qualitative Research. <i>PLoS Medicine</i> , 2007, 4, e238.	3.9	734
2	Conducting a meta-ethnography of qualitative literature: Lessons learnt. <i>BMC Medical Research Methodology</i> , 2008, 8, 21.	1.4	666
3	Characteristics, complications, and gaps in evidence-based interventions in rheumatic heart disease: the Global Rheumatic Heart Disease Registry (the REMEDY study). <i>European Heart Journal</i> , 2015, 36, 1115-1122.	1.0	391
4	Enabling the genomic revolution in Africa. <i>Science</i> , 2014, 344, 1346-1348.	6.0	361
5	A Systematic and Functional Classification of <i>Streptococcus pyogenes</i> That Serves as a New Tool for Molecular Typing and Vaccine Development. <i>Journal of Infectious Diseases</i> , 2014, 210, 1325-1338.	1.9	257
6	Clinical Outcomes in 3343 Children and Adults With Rheumatic Heart Disease From 14 Low- and Middle-Income Countries. <i>Circulation</i> , 2016, 134, 1456-1466.	1.6	213
7	Updated model of group A <i>Streptococcus</i> M proteins based on a comprehensive worldwide study. <i>Clinical Microbiology and Infection</i> , 2013, 19, E222-E229.	2.8	135
8	Factors associated with long-term mortality after Fontan procedures: a systematic review. <i>Heart</i> , 2017, 103, 104-110.	1.2	112
9	Seven key actions to eradicate rheumatic heart disease in Africa: the Addis Ababa communiqué. <i>Cardiovascular Journal of Africa</i> , 2016, 27, 184-1847.	0.2	104
10	Genetic Susceptibility to Acute Rheumatic Fever: A Systematic Review and Meta-Analysis of Twin Studies. <i>PLoS ONE</i> , 2011, 6, e25326.	1.1	102
11	Group A <i>Streptococcus</i> , Acute Rheumatic Fever and Rheumatic Heart Disease: Epidemiology and Clinical Considerations. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2017, 19, 15.	0.4	97
12	Directly observed antiretroviral therapy: a systematic review and meta-analysis of randomised clinical trials. <i>Lancet</i> , 2009, 374, 2064-2071.	6.3	94
13	Prevalence of rheumatic heart disease in 4720 asymptomatic scholars from South Africa and Ethiopia. <i>Heart</i> , 2015, 101, 1389-1394.	1.2	89
14	Primary Prevention of Acute Rheumatic Fever and Rheumatic Heart Disease With Penicillin in South African Children With Pharyngitis. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013, 6, 343-351.	0.9	69
15	The natural history of latent rheumatic heart disease in a 5-year follow-up study: a prospective observational study. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 46.	0.7	64
16	Rationale and design of a Global Rheumatic Heart Disease Registry: The REMEDY study. <i>American Heart Journal</i> , 2012, 163, 535-540.e1.	1.2	63
17	Improved prognosis of Epstein-Barr virus associated childhood Hodgkin's lymphoma: study of 47 South African cases. <i>Journal of Clinical Pathology</i> , 2000, 53, 182-186.	1.0	57
18	The prevalence of type 2 diabetes among older people in Africa: a systematic review. <i>Lancet Diabetes and Endocrinology</i> , 2016, 4, 72-84.	5.5	51

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19	The burden of antenatal heart disease in South Africa: a systematic review. <i>BMC Cardiovascular Disorders</i> , 2012, 12, 23.	0.7	50
20	Prevalence of rheumatic heart disease among school children in Ethiopia: A multisite echocardiography-based screening. <i>International Journal of Cardiology</i> , 2016, 221, 260-263.	0.8	50
21	Predicting long-term mortality after Fontan procedures: A risk score based on 6707 patients from 28 studies. <i>Congenital Heart Disease</i> , 2017, 12, 393-398.	0.0	49
22	Regional Patterns and Association Between Obesity and Hypertension in Africa. <i>Hypertension</i> , 2020, 75, 1167-1178.	1.3	49
23	Rheumatic heart disease in Africa: the Mosi-o-Tunya call to action. <i>The Lancet Global Health</i> , 2014, 2, e438-e439.	2.9	43
24	Incidence, prevalence and outcome of rheumatic heart disease in South Africa: A systematic review of contemporary studies. <i>International Journal of Cardiology</i> , 2015, 199, 375-383.	0.8	42
25	Burden of pneumocystis pneumonia in HIV-infected adults in sub-Saharan Africa: a systematic review and meta-analysis. <i>BMC Infectious Diseases</i> , 2016, 16, 482.	1.3	41
26	Parents of children with disabilities: A systematic review of parenting interventions and self-efficacy. <i>African Journal of Disability</i> , 2018, 7, 437.	0.7	41
27	Corticosteroids for tuberculous pleurisy. , 2007, , CD001876.		40
28	The prevalence of type 2 diabetes mellitus among older people in Africa: a systematic review study protocol. <i>BMJ Open</i> , 2014, 4, e004747-e004747.	0.8	38
29	Abnormal glucose metabolism in non-diabetic patients presenting with an acute stroke: prospective study and systematic review. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2010, 103, 495-503.	0.2	37
30	The effectiveness of peer and community health worker-led self-management support programs for improving diabetes health-related outcomes in adults in low- and-middle-income countries: a systematic review. <i>Systematic Reviews</i> , 2020, 9, 133.	2.5	37
31	Group A Streptococcal emm Type Prevalence Among Symptomatic Children in Cape Town and Potential Vaccine Coverage. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 208-210.	1.1	33
32	Rheumatic Fever: Neglected Again. <i>Science</i> , 2009, 324, 37-37.	6.0	32
33	The Importance of Awareness and Education in Prevention and Control of RHD. <i>Global Heart</i> , 2013, 8, 235.	0.9	31
34	Evaluation of a focussed protocol for hand-held echocardiography and computer-assisted auscultation in detecting latent rheumatic heart disease in scholars. <i>Cardiology in the Young</i> , 2016, 26, 1097-1106.	0.4	24
35	Preliminary consultation on preferred product characteristics of benzathine penicillin G for secondary prophylaxis of rheumatic fever. <i>Drug Delivery and Translational Research</i> , 2016, 6, 572-578.	3.0	24
36	Is computer-assisted instruction more effective than other educational methods in achieving ECG competence amongst medical students and residents? A systematic review and meta-analysis. <i>BMJ Open</i> , 2019, 9, e028800.	0.8	24

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37	Paediatric rhabdomyosarcoma: MyoD1 demonstration in routinely processed tissue sections using wet heat pretreatment (pressure cooking) for antigen retrieval.. Journal of Clinical Pathology, 1997, 50, 37-39.	1.0	21
38	Prevalence of group A β -hemolytic streptococcal throat carriage and prospective pilot surveillance of streptococcal sore throat in Ugandan school children. International Journal of Infectious Diseases, 2020, 93, 245-251.	1.5	21
39	The burden of pertussis in low- and middle-income countries since the inception of the Expanded Programme on Immunization (EPI) in 1974: a systematic review protocol. Systematic Reviews, 2015, 4, 62.	2.5	20
40	The burden of laboratory-confirmed pertussis in low- and middle-income countries since the inception of the Expanded Programme on Immunisation (EPI) in 1974: a systematic review and meta-analysis. BMC Medicine, 2020, 18, 233.	2.3	20
41	Data Resource Profile: Cardiovascular H3Africa Innovation Resource (CHAIR). International Journal of Epidemiology, 2019, 48, 366-367g.	0.9	19
42	A global perspective on the management and outcomes of peripartum cardiomyopathy: a systematic review and meta-analysis. European Journal of Heart Failure, 2022, 24, 1719-1736.	2.9	19
43	Mobile phone text messaging for improving the uptake of vaccinations: a systematic review protocol. BMJ Open, 2014, 4, e005130-e005130.	0.8	18
44	Association of Novel Locus With Rheumatic Heart Disease in Black African Individuals. JAMA Cardiology, 2021, 6, 1000.	3.0	18
45	Effectiveness of community-based peer-led diabetes self-management programmes (COMP-DSMP) for improving clinical outcomes and quality of life of adults with diabetes in primary care settings in low and middle-income countries (LMIC): a systematic review and meta-analysis. BMJ Open, 2015, 5, e007635.	0.8	17
46	A Patient-Specific CFD Pipeline Using Doppler Echocardiography for Application in Coarctation of the Aorta in a Limited Resource Clinical Context. Frontiers in Bioengineering and Biotechnology, 2020, 8, 409.	2.0	17
47	An open-access mobile compatible electronic patient register for rheumatic heart disease ('eRegister') based on the World Heart Federation's framework for patient registers. Cardiovascular Journal of Africa, 2015, 26, 227-233.	0.2	17
48	The Cape Town Clinical Decision Rule for Streptococcal Pharyngitis in Children. Pediatric Infectious Disease Journal, 2017, 36, 250-255.	1.1	16
49	Is computer-assisted instruction more effective than other educational methods in achieving ECG competence among medical students and residents? Protocol for a systematic review and meta-analysis. BMJ Open, 2017, 7, e018811.	0.8	15
50	Effectiveness of control measures to prevent occupational tuberculosis infection in health care workers: a systematic review. BMC Public Health, 2018, 18, 661.	1.2	15
51	The Health Systems Barriers and Facilitators for RHD Prevalence: An Epidemiological Meta-Analysis From Uganda and Tanzania. Global Heart, 2020, 12, 5.	0.9	15
52	Incidence, prevalence and outcomes of rheumatic heart disease in South Africa: a systematic review protocol. BMJ Open, 2014, 4, e004844-e004844.	0.8	14
53	Reference intervals for the echocardiographic measurements of the right heart in children and adolescents: a systematic review. Cardiovascular Ultrasound, 2014, 12, 3.	0.5	14
54	N-acetylcysteine for non-paracetamol drug-induced liver injury: a systematic review protocol. Systematic Reviews, 2015, 4, 84.	2.5	14

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55	Prevalence of rheumatic heart disease in Zambian school children. BMC Cardiovascular Disorders, 2018, 18, 135.	0.7	14
56	The incidence of sore throat and group A streptococcal pharyngitis in children at high risk of developing acute rheumatic fever: A systematic review and meta-analysis. PLoS ONE, 2020, 15, e0242107.	1.1	14
57	Rationale and design of the African group A streptococcal infection registry: the AFROStrepstudy. BMJ Open, 2016, 6, e010248.	0.8	13
58	Prevalence and risk factors of latent tuberculosis infection in Africa: a systematic review and meta-analysis protocol. BMJ Open, 2017, 7, e012636.	0.8	13
59	A Comprehensive Needs Assessment Tool for Planning RHD Control Programs in Limited Resource Settings. Global Heart, 2017, 12, 25.	0.9	13
60	Epidemiology, health systems and stakeholders in rheumatic heart disease in Africa: a systematic review protocol. BMJ Open, 2016, 6, e011266.	0.8	12
61	Digoxin and clinical outcomes in the Global Rheumatic Heart Disease Registry. Heart, 2019, 105, heartjnl-2018-313614.	1.2	12
62	Genetic variants in rheumatic fever and rheumatic heart disease. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2020, 184, 159-177.	0.7	12
63	Treatment of oral fungal infections using photodynamic therapy: Systematic review and meta-analysis. Clinical and Experimental Dental Research, 2021, 7, 354-364.	0.8	12
64	The mitochondrial DNA T16189C polymorphism and HIV-associated cardiomyopathy: a genotype-phenotype association study. BMC Medical Genetics, 2009, 10, 37.	2.1	11
65	Epidemiology of pharyngitis as reported by Zambian school children and their families: implications for demand-side interventions to prevent rheumatic heart disease. BMC Infectious Diseases, 2017, 17, 473.	1.3	11
66	Systematic Review and Meta-analysis of the Prevalence of Group A Streptococcal Clusters in Africa To Inform Vaccine Development. MSphere, 2020, 5, .	1.3	11
67	The Second Rheumatic Heart Disease Forum Report. Global Heart, 2013, 8, 253.	0.9	11
68	Standard echocardiography versus handheld echocardiography for the detection of subclinical rheumatic heart disease: a systematic review and meta-analysis of diagnostic accuracy. BMJ Open, 2020, 10, e038449.	0.8	11
69	Tuberculosis surveillance in Cape Town, South Africa: an evaluation. International Journal of Tuberculosis and Lung Disease, 2011, 15, 912-918.	0.6	10
70	Effect of distance to health facility on the maintenance of INR therapeutic ranges in rheumatic heart disease patients from Cape Town: no evidence for an association. BMC Health Services Research, 2015, 15, 219.	0.9	10
71	Factors associated with tuberculosis diagnosis and treatment delays in Middle East and North Africa: a systematic review. Eastern Mediterranean Health Journal, 2020, 26, 477-486.	0.3	10
72	Health education interventions to raise awareness of rheumatic fever: a systematic review protocol. Systematic Reviews, 2013, 2, 58.	2.5	9

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73	Epstein-Barr virus in Hodgkin's disease: frequency of a 30-bp deletion in the latent membrane protein (LMP-1) oncogene in South African patients. , 1999, 84, 449-451.		8
74	Does genetics matter for disease-related stigma? The impact of genetic attribution on stigma associated with rheumatic heart disease in the Western Cape, South Africa. <i>Social Science and Medicine</i> , 2019, 243, 112619.	1.8	8
75	Burden of pneumocystis pneumonia in HIV-infected adults in sub-Saharan Africa: protocol for a systematic review. <i>Systematic Reviews</i> , 2013, 2, 112.	2.5	7
76	A cost-effective strategy for primary prevention of acute rheumatic fever and rheumatic heart disease in children with pharyngitis. <i>South African Medical Journal</i> , 2013, 103, 894.	0.2	7
77	Prevalence of group A streptococcal disease in North and Sub-Saharan Africa: a systematic review protocol. <i>BMJ Open</i> , 2015, 5, e008646.	0.8	7
78	Molecular Epidemiology of Noninvasive and Invasive Group A Streptococcal Infections in Cape Town. <i>MSphere</i> , 2019, 4, .	1.3	7
79	Integrating the Prevention and Control of Rheumatic Heart Disease into Country Health Systems: A Systematic Review and Meta-Analysis. <i>Global Heart</i> , 2020, 15, 62.	0.9	7
80	Participation in research improves overall patient management: insights from the Global Rheumatic Heart Disease registry (REMEDY). <i>Cardiovascular Journal of Africa</i> , 2018, 29, 98-105.	0.2	7
81	Data-independent acquisition mass spectrometry in severe rheumatic heart disease (RHD) identifies a proteomic signature showing ongoing inflammation and effectively classifying RHD cases. <i>Clinical Proteomics</i> , 2022, 19, 7.	1.1	7
82	The Effects of Angiotensin Converting Enzyme Inhibitors (ACE-I) on Human N-Acetyl-Seryl-Aspartyl-Lysyl-Proline (Ac-SDKP) Levels: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0143338.	1.1	6
83	Standard echocardiography versus handheld echocardiography for the detection of subclinical rheumatic heart disease: protocol for a systematic review. <i>BMJ Open</i> , 2018, 8, e020140.	0.8	6
84	An appraisal of laboratory models of androgenetic alopecia: A systematic review. <i>Skin Health and Disease</i> , 2021, 1, e15.	0.7	6
85	Is the introduction of violence and injury observatories associated with a reduction in violence-related injury in adult populations? A systematic review and meta-analysis. <i>BMJ Open</i> , 2019, 9, e027977.	0.8	5
86	Mycobacterium w Immunotherapy for Treating Pulmonary Tuberculosis - a Systematic Review. <i>Current Pharmaceutical Design</i> , 2014, 20, 6207-6214.	0.9	5
87	Task Sharing in the Diagnosis, Prevention, and Management of Rheumatic Heart Disease: A Systematic Review. <i>Global Heart</i> , 2020, 14, 259.	0.9	4
88	Prevalence of group A Streptococcal infection in Africa to inform GAS vaccines for rheumatic heart disease: A systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2020, 307, 200-208.	0.8	4
89	Modes of transmission and attack rates of group A Streptococcal infection: a protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2021, 10, 90.	2.5	4
90	Outcomes and complications of peripartum cardiomyopathy: protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2021, 11, e054994.	0.8	4

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91	Task sharing to improve the prevention, diagnosis and management of rheumatic heart disease: a systematic review protocol. <i>BMJ Open</i> , 2018, 8, e019511.	0.8	3
92	Primary Prevention of Acute Rheumatic Fever and Rheumatic Heart Disease. , 2021, , 195-206.		3
93	Primary prevention of rheumatic fever in children: Key factors to consider. <i>South African Medical Journal</i> , 2014, 104, 156.	0.2	2
94	Is the introduction of violence and injury observatories associated with a reduction of violence in adult populations? Rationale and protocol for a systematic review: TableÂ1. <i>BMJ Open</i> , 2015, 5, e007073.	0.8	2
95	Asymptomatic rheumatic heart disease in South African schoolchildren: Implications for addressing chronic health conditions through a school health service. <i>South African Medical Journal</i> , 2016, 106, 761.	0.2	2
96	Rationale and design of the violence, injury and trauma observatory (VITO): the Cape Town VITO pilot studies protocol. <i>BMJ Open</i> , 2017, 7, e016485.	0.8	2
97	Utility of Human Immune Responses to GAS Antigens as a Diagnostic Indicator for ARF: A Systematic Review. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 691646.	1.1	2
98	Standard echocardiography versus handheld echocardiography for the detection of subclinical rheumatic heart disease: a systematic review and meta-analysis of diagnostic accuracy. <i>BMJ Open</i> , 2020, 10, e038449.	0.8	2
99	Burden of pneumocystis pneumonia in HIV-infected adults in sub-Saharan Africa: A systematic review and meta-analysis. <i>International Journal of Infectious Diseases</i> , 2016, 45, 318-319.	1.5	1
100	Integrating the prevention and control of rheumatic heart disease into country health systems: a systematic review protocol. <i>BMJ Open</i> , 2019, 9, e028908.	0.8	1
101	Understanding the local and international stakeholders in rheumatic heart disease field in Tanzania and Uganda: A systematic stakeholder mapping. <i>International Journal of Cardiology</i> , 2022, 353, 119-126.	0.8	1
102	How do we measure the implementation of the World Health Assembly resolution on rheumatic fever and rheumatic heart disease in African countries? Rationale and design of an evidence-based scorecard. <i>Cardiovascular Journal of Africa</i> , 2022, 33, 6-11.	0.2	1
103	Letter to the editor. <i>Clinical Epidemiology</i> , 2011, 3, 171.	1.5	0
104	Rheumatic fever and rheumatic heart disease: Where are we now in South Africa?. <i>SA Heart Journal</i> , 2017, 6, .	0.0	0
105	Clinical and epidemiological aspects of streptococcus pyogenes pharyngitis and carriage in Africa. <i>SA Heart Journal</i> , 2017, , .	0.0	0
106	Invasive and non-invasive group A Î2-haemolytic streptococcal infections in patients attending public sector facilities in South Africa: 2003â€“2015. <i>Southern African Journal of Infectious Diseases</i> , 2018, 33, 12-17.	0.3	0
107	Prevalence and distribution of HPV infection and subtypes in oral squamous cell carcinoma in Africa: a systematic review protocol. <i>BMJ Open</i> , 2021, 11, e049922.	0.8	0
108	Long-awaited update on estimates of acute rheumatic fever in Africa. <i>The Lancet Global Health</i> , 2021, 9, e1347-e1348.	2.9	0