

Stefano Tempia

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

5,350
citations

147726

31
h-index

98753

67
g-index

110
all docs

110
docs citations

110
times ranked

7140
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimates of global seasonal influenza-associated respiratory mortality: a modelling study. <i>Lancet, The</i> , 2018, 391, 1285-1300.	6.3	1,870
2	Effects of Vaccination on Invasive Pneumococcal Disease in South Africa. <i>New England Journal of Medicine</i> , 2014, 371, 1889-1899.	13.9	308
3	High Nasopharyngeal Pneumococcal Density, Increased by Viral Coinfection, Is Associated With Invasive Pneumococcal Pneumonia. <i>Journal of Infectious Diseases</i> , 2014, 210, 1649-1657.	1.9	163
4	Difference in mortality among individuals admitted to hospital with COVID-19 during the first and second waves in South Africa: a cohort study. <i>The Lancet Global Health</i> , 2021, 9, e1216-e1225.	2.9	131
5	Severe Influenza-associated Respiratory Infection in High HIV Prevalence Setting, South Africa, 2009â€”2011. <i>Emerging Infectious Diseases</i> , 2013, 19, 1766-74.	2.0	129
6	Influenza Surveillance in 15 Countries in Africa, 2006â€”2010. <i>Journal of Infectious Diseases</i> , 2012, 206, S14-S21.	1.9	112
7	Risk factors for COVID-19-related in-hospital mortality in a high HIV and tuberculosis prevalence setting in South Africa: a cohort study. <i>Lancet HIV,the</i> , 2021, 8, e554-e567.	2.1	105
8	Global burden of influenza-associated lower respiratory tract infections and hospitalizations among adults: A systematic review and meta-analysis. <i>PLoS Medicine</i> , 2021, 18, e1003550.	3.9	101
9	The intersecting pandemics of tuberculosis and COVID-19: population-level and patient-level impact, clinical presentation, and corrective interventions. <i>Lancet Respiratory Medicine,the</i> , 2022, 10, 603-622.	5.2	99
10	Decline of influenza and respiratory syncytial virus detection in facility-based surveillance during the COVID-19 pandemic, South Africa, January to October 2020. <i>Eurosurveillance</i> , 2021, 26, .	3.9	92
11	Replacement and Positive Evolution of Subtype A and B Respiratory Syncytial Virus G-Protein Genotypes From 1997â€”2012 in South Africa. <i>Journal of Infectious Diseases</i> , 2013, 208, S227-S237.	1.9	78
12	SARS-CoV-2 Seroprevalence in a Rural and Urban Household Cohort during First and Second Waves of Infections, South Africa, July 2020â€”March 2021. <i>Emerging Infectious Diseases</i> , 2021, 27, 3020-3029.	2.0	78
13	Epidemiology of Respiratory Syncytial Virus-Associated Acute Lower Respiratory Tract Infection Hospitalizations Among HIV-Infected and HIV-Uninfected South African Children, 2010-2011. <i>Journal of Infectious Diseases</i> , 2013, 208, S217-S226.	1.9	76
14	SARS-CoV-2 incidence, transmission, and reinfection in a rural and an urban setting: results of the PHIRST-C cohort study, South Africa, 2020â€”21. <i>Lancet Infectious Diseases, The</i> , 2022, 22, 821-834.	4.6	74
15	Mortality amongst Patients with Influenza-Associated Severe Acute Respiratory Illness, South Africa, 2009-2013. <i>PLoS ONE</i> , 2015, 10, e0118884.	1.1	68
16	Epidemiology of Viral-associated Acute Lower Respiratory Tract Infection Among Children <5 Years of Age in a High HIV Prevalence Setting, South Africa, 2009â€”2012. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 66-72.	1.1	65
17	Mortality Associated With Seasonal and Pandemic Influenza and Respiratory Syncytial Virus Among Children <5 Years of Age in a High HIV Prevalence Settingâ€”South Africa, 1998â€”2009. <i>Clinical Infectious Diseases</i> , 2014, 58, 1241-1249.	2.9	62
18	Asymptomatic transmission and high community burden of seasonal influenza in an urban and a rural community in South Africa, 2017â€”18 (PHIRST): a population cohort study. <i>The Lancet Global Health</i> , 2021, 9, e863-e874.	2.9	61

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19	In- and Out-of-hospital Mortality Associated with Seasonal and Pandemic Influenza and Respiratory Syncytial Virus in South Africa, 2009â€“2013. <i>Clinical Infectious Diseases</i> , 2018, 66, 95-103.	2.9	59
20	Influenza virus infection is associated with increased risk of death amongst patients hospitalized with confirmed pulmonary tuberculosis in South Africa, 2010â€“2011. <i>BMC Infectious Diseases</i> , 2015, 15, 26.	1.3	56
21	The role of influenza, RSV and other common respiratory viruses in severe acute respiratory infections and influenza-like illness in a population with a high HIV sero-prevalence, South Africa 2012â€“2015. <i>Journal of Clinical Virology</i> , 2016, 75, 21-26.	1.6	53
22	Risk Factors for Influenza-Associated Severe Acute Respiratory Illness Hospitalization in South Africa, 2012â€“2015. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofw262.	0.4	52
23	Risk factors associated with hospitalisation for influenza-associated severe acute respiratory illness in South Africa: A case-population study. <i>Vaccine</i> , 2016, 34, 5649-5655.	1.7	47
24	Epidemiology of Severe Acute Respiratory Illness (SARI) among Adults and Children Aged â‰¥5 Years in a High HIV-Prevalence Setting, 2009â€“2012. <i>PLoS ONE</i> , 2015, 10, e0117716.	1.1	43
25	Severe Acute Respiratory Illness Deaths in Sub-Saharan Africa and the Role of Influenza: A Case Series From 8 Countries. <i>Journal of Infectious Diseases</i> , 2015, 212, 853-860.	1.9	43
26	Excess Mortality Associated with Influenza among Tuberculosis Deaths in South Africa, 1999â€“2009. <i>PLoS ONE</i> , 2015, 10, e0129173.	1.1	41
27	Hospitalizations associated with influenza and respiratory syncytial virus among patients attending a network of private hospitals in South Africa, 2007â€“2012. <i>BMC Infectious Diseases</i> , 2014, 14, 694.	1.3	39
28	Deaths Associated with Respiratory Syncytial and Influenza Viruses among Persons â‰¥5 Years of Age in HIV-Prevalent Area, South Africa, 1998â€“2009. <i>Emerging Infectious Diseases</i> , 2015, 21, 600-608.	2.0	39
29	Burden and epidemiology of influenza and respiratory syncytial virus-associated severe acute respiratory illness hospitalization in Madagascar, 2011â€“2016. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 138-147.	1.5	38
30	Mortality Associated With Seasonal and Pandemic Influenza Among Pregnant and Nonpregnant Women of Childbearing Age in a High-HIV-Prevalence Settingâ€”South Africa, 1999â€“2009. <i>Clinical Infectious Diseases</i> , 2015, 61, 1063-1070.	2.9	37
31	Estimated severe pneumococcal disease cases and deaths before and after pneumococcal conjugate vaccine introduction in children younger than 5 years of age in South Africa. <i>PLoS ONE</i> , 2017, 12, e0179905.	1.1	37
32	Influenza and tuberculosis coinfection: A systematic review. <i>Influenza and Other Respiratory Viruses</i> , 2020, 14, 77-91.	1.5	36
33	SARS-CoV-2 transmission, persistence of immunity, and estimates of Omicronâ€™s impact in South African population cohorts. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	36
34	Severity of Respiratory Syncytial Virus Lower Respiratory Tract Infection With Viral Coinfection in HIV-Uninfected Children. <i>Clinical Infectious Diseases</i> , 2017, 64, ciw756.	2.9	33
35	The Role of Human Immunodeficiency Virus in Influenza- and Respiratory Syncytial Virus-associated Hospitalizations in South African Children, 2011â€“2016. <i>Clinical Infectious Diseases</i> , 2019, 68, 773-780.	2.9	32
36	HIV and Influenza Virus Infections Are Associated With Increased Blood Pneumococcal Load: A Prospective, Hospital-Based Observational Study in South Africa, 2009-2011. <i>Journal of Infectious Diseases</i> , 2014, 209, 56-65.	1.9	30

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37	The national burden of influenza-associated severe acute respiratory illness hospitalization in Rwanda, 2012-2014. <i>Influenza and Other Respiratory Viruses</i> , 2018, 12, 38-45.	1.5	30
38	Brucellosis knowledge, attitudes and practices of a South African communal cattle keeper group. <i>Onderstepoort Journal of Veterinary Research</i> , 2019, 86, e1-e10.	0.6	30
39	Attributable Fraction of Influenza Virus Detection to Mild and Severe Respiratory Illnesses in HIV-Infected and HIV-Uninfected Patients, South Africa, 2012-2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 1124-1132.	2.0	29
40	Health and economic burden of influenza-associated illness in South Africa, 2013-2015. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 484-495.	1.5	28
41	Viral and bacterial etiology of severe acute respiratory illness among children ≤ 5 years of age without influenza in Niger. <i>BMC Infectious Diseases</i> , 2015, 15, 515.	1.3	27
42	Determining the Provincial and National Burden of Influenza-Associated Severe Acute Respiratory Illness in South Africa Using a Rapid Assessment Methodology. <i>PLoS ONE</i> , 2015, 10, e0132078.	1.1	27
43	The national burden of influenza-associated severe acute respiratory illness hospitalization in Zambia, 2011-2014. <i>Influenza and Other Respiratory Viruses</i> , 2018, 12, 46-53.	1.5	27
44	Performance of Surveillance Case Definitions in Detecting Respiratory Syncytial Virus Infection Among Young Children Hospitalized With Severe Respiratory Illness South Africa, 2009-2014. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019, 8, 325-333.	0.6	27
45	Epidemiology of influenza B/Yamagata and B/Victoria lineages in South Africa, 2005-2014. <i>PLoS ONE</i> , 2017, 12, e0177655.	1.1	26
46	Risk factors associated with exposure to Crimean-Congo haemorrhagic fever virus in animal workers and cattle, and molecular detection in ticks, South Africa. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009384.	1.3	26
47	Challenges of Using Molecular Serotyping for Surveillance of Pneumococcal Disease. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3271-3276.	1.8	25
48	Rift Valley Fever Virus Exposure amongst Farmers, Farm Workers, and Veterinary Professionals in Central South Africa. <i>Viruses</i> , 2019, 11, 140.	1.5	25
49	Quantifying How Different Clinical Presentations, Levels of Severity, and Healthcare Attendance Shape the Burden of Influenza-associated Illness: A Modeling Study From South Africa. <i>Clinical Infectious Diseases</i> , 2019, 69, 1036-1048.	2.9	24
50	Respiratory syncytial virus in adults with severe acute respiratory illness in a high HIV prevalence setting. <i>Journal of Infection</i> , 2017, 75, 346-355.	1.7	23
51	Influenza Epidemiology and Vaccine Effectiveness among Patients with Influenza-Like Illness, Viral Watch Sentinel Sites, South Africa, 2005-2009. <i>PLoS ONE</i> , 2014, 9, e94681.	1.1	23
52	The effects of the attributable fraction and the duration of symptoms on burden estimates of influenza-associated respiratory illnesses in a high <math><sc>HIV</sc></math> prevalence setting, South Africa, 2013-2015. <i>Influenza and Other Respiratory Viruses</i> , 2018, 12, 360-373.	1.5	22
53	The Impact of Influenza and Tuberculosis Interaction on Mortality Among Individuals Aged ≥ 15 Years Hospitalized With Severe Respiratory Illness in South Africa, 2010-2016. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz020.	0.4	22
54	Influenza Sentinel Surveillance among Patients with Influenza-Like-Illness and Severe Acute Respiratory Illness within the Framework of the National Reference Laboratory, Niger, 2009-2013. <i>PLoS ONE</i> , 2015, 10, e0133178.	1.1	22

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55	Evaluation of Two Influenza Surveillance Systems in South Africa. PLoS ONE, 2015, 10, e0120226.	1.1	21
56	Estimated impact of the pneumococcal conjugate vaccine on pneumonia mortality in South Africa, 1999 through 2016: An ecological modelling study. PLoS Medicine, 2021, 18, e1003537.	3.9	21
57	Influenza Sentinel Surveillance in Rwanda, 2008–2010. Journal of Infectious Diseases, 2012, 206, S74-S79.	1.9	20
58	Prioritization of risk groups for influenza vaccination in resource limited settings – A case study from South Africa. Vaccine, 2019, 37, 25-33.	1.7	18
59	Assessing the impact of pneumococcal conjugate vaccines on invasive pneumococcal disease using polymerase chain reaction-based surveillance: an experience from South Africa. BMC Infectious Diseases, 2015, 15, 450.	1.3	17
60	Healthcare utilization for common infectious disease syndromes in Soweto and Klerksdorp, South Africa. Pan African Medical Journal, 2018, 30, 271.	0.3	17
61	Human bocavirus, coronavirus, and polyomavirus detected among patients hospitalised with severe acute respiratory illness in South Africa, 2012 to 2013. Health Science Reports, 2018, 1, e59.	0.6	17
62	A cost-effectiveness analysis of South Africa's seasonal influenza vaccination programme. Vaccine, 2021, 39, 412-422.	1.7	17
63	Influenza Surveillance in Zambia, 2008-2009. Journal of Infectious Diseases, 2012, 206, S173-S177.	1.9	16
64	Evaluation of the influenza sentinel surveillance system in the Democratic Republic of Congo, 2012–2015. BMC Public Health, 2019, 19, 1652.	1.2	16
65	Cohort profile: A Prospective Household cohort study of Influenza, Respiratory syncytial virus and other respiratory pathogens community burden and Transmission dynamics in South Africa, 2016–2018. Influenza and Other Respiratory Viruses, 2021, 15, 789-803.	1.5	16
66	Molecular detection of respiratory pathogens among children aged younger than 5 years hospitalized with febrile acute respiratory infections: A prospective hospital-based observational study in Niamey, Niger. Health Science Reports, 2019, 2, e137.	0.6	14
67	A cost-effectiveness analysis of antenatal influenza vaccination among HIV-infected and HIV-uninfected pregnant women in South Africa. Vaccine, 2019, 37, 6874-6884.	1.7	12
68	Epidemiology of SARS-CoV-2 infection and SARS-CoV-2 positive hospital admissions among children in South Africa. Influenza and Other Respiratory Viruses, 2022, 16, 34-47.	1.5	11
69	The national and provincial burden of medically attended influenza-associated influenza-like illness and severe acute respiratory illness in the Democratic Republic of Congo, 2013–2015. Influenza and Other Respiratory Viruses, 2018, 12, 695-705.	1.5	10
70	An evaluation of the Zambia influenza sentinel surveillance system, 2011–2017. BMC Health Services Research, 2020, 20, 35.	0.9	10
71	Influenza-associated pneumonia hospitalizations in Uganda, 2013-2016. PLoS ONE, 2019, 14, e0219012.	1.1	9
72	Housing Quality in a Rural and an Urban Settlement in South Africa. International Journal of Environmental Research and Public Health, 2021, 18, 2240.	1.2	9

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73	Human respiratory syncytial virus diversity and epidemiology among patients hospitalized with severe respiratory illness in South Africa, 2012â€“2015. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 222-235.	1.5	9
74	The national burden of influenza-like illness and severe respiratory illness overall and associated with nine respiratory viruses in South Africa, 2013â€“2015. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 438-451.	1.5	9
75	Estimating the contribution of HIV-infected adults to household pneumococcal transmission in South Africa, 2016â€“2018: A hidden Markov modelling study. <i>PLoS Computational Biology</i> , 2021, 17, e1009680.	1.5	9
76	Influenza disease burden among potential target risk groups for immunization in South Africa, 2013â€“2015. <i>Vaccine</i> , 2020, 38, 4288-4297.	1.7	7
77	Influenza surveillance capacity improvements in Africa during 2011â€“2017. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 495-505.	1.5	7
78	Influenza-associated mortality in South Africa, 2009â€“2013: The importance of choices related to influenza infection proxies. <i>Influenza and Other Respiratory Viruses</i> , 2018, 12, 54-64.	1.5	6
79	Replacement of neuraminidase inhibitor-susceptible influenza A(H1N1) with resistant phenotype in 2008 and circulation of susceptible influenza A and B viruses during 2009â€“2013, South Africa. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 54-63.	1.5	6
80	A Retrospective observational cohort study of the effect of antenatal influenza vaccination on birth outcomes in Cape Town, South Africa, 2015â€“2016. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 446-456.	1.5	6
81	Human Immunodeficiency Virus Infection Is Associated With Increased Meningococcal Carriage Acquisition Among First-year Students in 2 South African Universities. <i>Clinical Infectious Diseases</i> , 2021, 73, e28-e38.	2.9	5
82	Costs of seasonal influenza vaccination in South Africa. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 873-880.	1.5	5
83	The Importation and Establishment of Community Transmission of SARS-CoV-2 During the First Eight Weeks of the South African COVID-19 Epidemic. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
84	A cross-sectional study measuring contact patterns using diaries in an urban and a rural community in South Africa, 2018. <i>BMC Public Health</i> , 2021, 21, 1055.	1.2	4
85	An evaluation of an influenza vaccination campaign targeting pregnant women in 27 clinics in two provinces of South Africa, 2015 â€“ 2018. <i>BMC Health Services Research</i> , 2021, 21, 941.	0.9	4
86	Influenza economic burden among potential target risk groups for immunization in South Africa, 2013â€“2015. <i>Vaccine</i> , 2020, 38, 7007-7014.	1.7	4
87	Burden and Epidemiology of Influenza- and Respiratory Syncytial Virus-Associated Severe Acute Respiratory Illness Hospitalization in Madagascar, 2011-2016. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 138.	1.5	3
88	The performance of different case definitions for severe influenza surveillance among HIV-infected and HIV-uninfected children aged <5 years in South Africa, 2011â€“2015. <i>PLoS ONE</i> , 2019, 14, e0222294.	1.1	3
89	Can pneumococcal meningitis surveillance be used to assess the impact of pneumococcal conjugate vaccine on total invasive pneumococcal disease? A case-study from South Africa, 2005â€“2016. <i>Vaccine</i> , 2019, 37, 5724-5730.	1.7	3
90	Mortality in children aged <5 years with severe acute respiratory illness in a high HIV-prevalence urban and rural areas of South Africa, 2009â€“2013. <i>PLoS ONE</i> , 2021, 16, e0255941.	1.1	3

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91	The Fraction of Rhinovirus Detections Attributable to Mild and Severe Respiratory Illness in a Setting of High Human Immunodeficiency Virus Prevalence, South Africa, 2013–2015. <i>Journal of Infectious Diseases</i> , 2019, 219, 1697-1704.	1.9	2
92	Global variation in early epidemic growth rates and reproduction number of seasonal influenza. <i>International Journal of Infectious Diseases</i> , 2022, 122, 382-388.	1.5	2
93	Unmasking Pneumococcal Carriage in a High Human Immunodeficiency Virus (HIV) Prevalence Population in two Community Cohorts in South Africa, 2016–2018: The PHIRST Study. <i>Clinical Infectious Diseases</i> , 2023, 76, e710-e717.	2.9	2
94	Excess invasive meningococcal disease associated with seasonal influenza, South Africa, 2003-2018. <i>Clinical Infectious Diseases</i> , 2021, , .	2.9	1
95	Pathogens detected using a syndromic molecular diagnostic platform in patients hospitalized with severe respiratory illness in South Africa in 2017. <i>International Journal of Infectious Diseases</i> , 2022, 122, 389-397.	1.5	1
96	Reply to Alonso et al. – Bangladesh and Rwanda: Cases of high burden of influenza in tropical countries? <i>Influenza and Other Respiratory Viruses</i> , 2018, 12, 669-671.	1.5	0
97	Detection of Victoria lineage influenza B viruses with K162 and N163 deletions in the hemagglutinin gene, South Africa, 2018. <i>Health Science Reports</i> , 2021, 4, e367.	0.6	0