

# Stefano Tempia

## List of Publications by Year in descending order

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Version: 2024-02-01

97  
papers

5,350  
citations

147566

31  
h-index

98622

67  
g-index

110  
all docs

110  
docs citations

110  
times ranked

7140  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Human respiratory syncytial virus diversity and epidemiology among patients hospitalized with severe respiratory illness in South Africa, 2012–2015. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 222-235.	1.5	9
3	Epidemiology of SARS-CoV-2 infection and SARS-CoV-2 positive hospital admissions among children in South Africa. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 34-47.	1.5	11
4	The national burden of influenza-like illness and severe respiratory illness overall and associated with nine respiratory viruses in South Africa, 2013–2015. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 438-451.	1.5	9
5	Costs of seasonal influenza vaccination in South Africa. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 873-880.	1.5	5
6	SARS-CoV-2 incidence, transmission, and reinfection in a rural and an urban setting: results of the PHIRST-C cohort study, South Africa, 2020–21. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 821-834.	4.6	74
7	The intersecting pandemics of tuberculosis and COVID-19: population-level and patient-level impact, clinical presentation, and corrective interventions. <i>Lancet Respiratory Medicine</i> , the, 2022, 10, 603-622.	5.2	99
8	SARS-CoV-2 transmission, persistence of immunity, and estimates of Omicron™s impact in South African population cohorts. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	36
9	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
10	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
11	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
12	A cost-effectiveness analysis of South Africa™s seasonal influenza vaccination programme. <i>Vaccine</i> , 2021, 39, 412-422.	1.7	17
13	Influenza surveillance capacity improvements in Africa during 2011–2017. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 495-505.	1.5	7
14	Estimated impact of the pneumococcal conjugate vaccine on pneumonia mortality in South Africa, 1999 through 2016: An ecological modelling study. <i>PLoS Medicine</i> , 2021, 18, e1003537.	3.9	21
15	Housing Quality in a Rural and an Urban Settlement in South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2240.	1.2	9
16	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
17	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
18	Asymptomatic transmission and high community burden of seasonal influenza in an urban and a rural community in South Africa, 2017–18 (PHIRST): a population cohort study. <i>The Lancet Global Health</i> , 2021, 9, e863-e874.	2.9	61

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19	A cross-sectional study measuring contact patterns using diaries in an urban and a rural community in South Africa, 2018. BMC Public Health, 2021, 21, 1055.	1.2	4
20	Cohort profile: A Prospective Household cohort study of Influenza, Respiratory syncytial virus and other respiratory pathogens community burden and Transmission dynamics in South Africa, 2016â€“2018. Influenza and Other Respiratory Viruses, 2021, 15, 789-803.	1.5	16
21	Decline of influenza and respiratory syncytial virus detection in facility-based surveillance during the COVID-19 pandemic, South Africa, January to October 2020. Eurosurveillance, 2021, 26, .	3.9	92
22	Excess invasive meningococcal disease associated with seasonal influenza, South Africa, 2003-2018. Clinical Infectious Diseases, 2021, , .	2.9	1
23	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. PLoS ONE, 2021, 16, e0255941.	1.1	3
24	Difference in mortality among individuals admitted to hospital with COVID-19 during the first and second waves in South Africa: a cohort study. The Lancet Global Health, 2021, 9, e1216-e1225.	2.9	131
25	An evaluation of an influenza vaccination campaign targeting pregnant women in 27 clinics in two provinces of South Africa, 2015 â€“ 2018. BMC Health Services Research, 2021, 21, 941.	0.9	4
26	Risk factors for COVID-19-related in-hospital mortality in a high HIV and tuberculosis prevalence setting in South Africa: a cohort study. Lancet HIV,the, 2021, 8, e554-e567.	2.1	105
27	Detection of Victoria lineage influenza B viruses with K162 and N163 deletions in the hemagglutinin gene, South Africa, 2018. Health Science Reports, 2021, 4, e367.	0.6	0
28	SARS-CoV-2 Seroprevalence in a Rural and Urban Household Cohort during First and Second Waves of Infections, South Africa, July 2020â€“March 2021. Emerging Infectious Diseases, 2021, 27, 3020-3029.	2.0	78
29	A Retrospective observational cohort study of the effect of antenatal influenza vaccination on birth outcomes in Cape Town, South Africa, 2015â€“2016. Influenza and Other Respiratory Viruses, 2021, 15, 446-456.	1.5	6
30	Estimating the contribution of HIV-infected adults to household pneumococcal transmission in South Africa, 2016â€“2018: A hidden Markov modelling study. PLoS Computational Biology, 2021, 17, e1009680.	1.5	9
31	Influenza and tuberculosis coâ€“infection: A systematic review. Influenza and Other Respiratory Viruses, 2020, 14, 77-91.	1.5	36
32	Influenza disease burden among potential target risk groups for immunization in South Africa, 2013â€“2015. Vaccine, 2020, 38, 4288-4297.	1.7	7
33	An evaluation of the Zambia influenza sentinel surveillance system, 2011â€“2017. BMC Health Services Research, 2020, 20, 35.	0.9	10
34	Influenza economic burden among potential target risk groups for immunization in South Africa, 2013â€“2015. Vaccine, 2020, 38, 7007-7014.	1.7	4
35	Burden and Epidemiology of Influenza- and Respiratory Syncytial Virus-Associated Severe Acute Respiratory Illness Hospitalization in Madagascar, 2011-2016. Influenza and Other Respiratory Viruses, 2019, 13, 138.	1.5	3
36	Performance of Surveillance Case Definitions in Detecting Respiratory Syncytial Virus Infection Among Young Children Hospitalized With Severe Respiratory Illnessâ€“South Africa, 2009â€“2014. Journal of the Pediatric Infectious Diseases Society, 2019, 8, 325-333.	0.6	27

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37	The Role of Human Immunodeficiency Virus in Influenza- and Respiratory Syncytial Virus-associated Hospitalizations in South African Children, 2011-2016. <i>Clinical Infectious Diseases</i> , 2019, 68, 773-780.	2.9	32
38	Influenza-associated pneumonia hospitalizations in Uganda, 2013-2016. <i>PLoS ONE</i> , 2019, 14, e0219012.	1.1	9
39	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. <i>Health Science Reports</i> , 2019, 2, e137.	0.6	14
40	The performance of different case definitions for severe influenza surveillance among HIV-infected and HIV-uninfected children aged <5 years in South Africa, 2011-2015. <i>PLoS ONE</i> , 2019, 14, e0222294.	1.1	3
41	A cost-effectiveness analysis of antenatal influenza vaccination among HIV-infected and HIV-uninfected pregnant women in South Africa. <i>Vaccine</i> , 2019, 37, 6874-6884.	1.7	12
42	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
43	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, 2005-2016. <i>Vaccine</i> , 2019, 37, 5724-5730.	1.7	3
44	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
45	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
46	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
47	Evaluation of the influenza sentinel surveillance system in the Democratic Republic of Congo, 2012-2015. <i>BMC Public Health</i> , 2019, 19, 1652.	1.2	16
48	Replacement of neuraminidase inhibitor-susceptible influenza A(H1N1) with resistant phenotype in 2008 and circulation of susceptible influenza A and B viruses during 2009-2013, South Africa. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 54-63.	1.5	6
49	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
50	Prioritization of risk groups for influenza vaccination in resource limited settings - A case study from South Africa. <i>Vaccine</i> , 2019, 37, 25-33.	1.7	18
51	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
52	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, 138-147.	1.5	38
53	Influenza-associated mortality in South Africa, 2009-2013: The importance of choices related to influenza infection proxies. <i>Influenza and Other Respiratory Viruses</i> , 2018, 12, 54-64.	1.5	6
54	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

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55	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
56	The effects of the attributable fraction and the duration of symptoms on burden estimates of influenza-associated respiratory illnesses in a high HIV prevalence setting, South Africa, 2013-2015. <i>Influenza and Other Respiratory Viruses</i> , 2018, 12, 360-373.	1.5	22
57	Estimates of global seasonal influenza-associated respiratory mortality: a modelling study. <i>Lancet</i> , The, 2018, 391, 1285-1300.	6.3	1,870
58	Healthcare utilization for common infectious disease syndromes in Soweto and Klerksdorp, South Africa. <i>Pan African Medical Journal</i> , 2018, 30, 271.	0.3	17
59	Human bocavirus, coronavirus, and polyomavirus detected among patients hospitalised with severe acute respiratory illness in South Africa, 2012 to 2013. <i>Health Science Reports</i> , 2018, 1, e59.	0.6	17
60	In- and Out-of-hospital Mortality Associated with Seasonal and Pandemic Influenza and Respiratory Syncytial Virus in South Africa, 2009-2013. <i>Clinical Infectious Diseases</i> , 2018, 66, 95-103.	2.9	59
61	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. <i>Influenza and Other Respiratory Viruses</i> , 2018, 12, 695-705.	1.5	10
62	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
63	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
64	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
65	Risk Factors for Influenza-Associated Severe Acute Respiratory Illness Hospitalization in South Africa, 2012-2015. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofw262.	0.4	52
66	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
67	Epidemiology of influenza B/Yamagata and B/Victoria lineages in South Africa, 2005-2014. <i>PLoS ONE</i> , 2017, 12, e0177655.	1.1	26
68	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
69	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
70	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 2012-2015. <i>Journal of Clinical Virology</i> , 2016, 75, 21-26.	1.6	53
71	Assessing the impact of pneumococcal conjugate vaccines on invasive pneumococcal disease using polymerase chain reaction-based surveillance: an experience from South Africa. <i>BMC Infectious Diseases</i> , 2015, 15, 450.	1.3	17
72	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

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73	Epidemiology of Severe Acute Respiratory Illness (SARI) among Adults and Children Aged $\geq 5$ Years in a High HIV-Prevalence Setting, 2009–2012. PLoS ONE, 2015, 10, e0117716.	1.1	43
74	Mortality amongst Patients with Influenza-Associated Severe Acute Respiratory Illness, South Africa, 2009-2013. PLoS ONE, 2015, 10, e0118884.	1.1	68
75	Evaluation of Two Influenza Surveillance Systems in South Africa. PLoS ONE, 2015, 10, e0120226.	1.1	21
76	Excess Mortality Associated with Influenza among Tuberculosis Deaths in South Africa, 1999–2009. PLoS ONE, 2015, 10, e0129173.	1.1	41
77	Determining the Provincial and National Burden of Influenza-Associated Severe Acute Respiratory Illness in South Africa Using a Rapid Assessment Methodology. PLoS ONE, 2015, 10, e0132078.	1.1	27
78	Mortality Associated With Seasonal and Pandemic Influenza Among Pregnant and Nonpregnant Women of Childbearing Age in a High-HIV-Prevalence Setting—South Africa, 1999–2009. Clinical Infectious Diseases, 2015, 61, 1063-1070.	2.9	37
79	Severe Acute Respiratory Illness Deaths in Sub-Saharan Africa and the Role of Influenza: A Case Series From 8 Countries. Journal of Infectious Diseases, 2015, 212, 853-860.	1.9	43
80	Influenza virus infection is associated with increased risk of death amongst patients hospitalized with confirmed pulmonary tuberculosis in South Africa, 2010–2011. BMC Infectious Diseases, 2015, 15, 26.	1.3	56
81	Epidemiology of Viral-associated Acute Lower Respiratory Tract Infection Among Children $\leq 5$ Years of Age in a High HIV Prevalence Setting, South Africa, 2009–2012. Pediatric Infectious Disease Journal, 2015, 34, 66-72.	1.1	65
82	Deaths Associated with Respiratory Syncytial and Influenza Viruses among Persons $\geq 5$ Years of Age in HIV-Prevalent Area, South Africa, 1998–2009. Emerging Infectious Diseases, 2015, 21, 600-608.	2.0	39
83	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. PLoS ONE, 2015, 10, e0133178.	1.1	22
84	High Nasopharyngeal Pneumococcal Density, Increased by Viral Coinfection, Is Associated With Invasive Pneumococcal Pneumonia. Journal of Infectious Diseases, 2014, 210, 1649-1657.	1.9	163
85	Hospitalizations associated with influenza and respiratory syncytial virus among patients attending a network of private hospitals in South Africa, 2007–2012. BMC Infectious Diseases, 2014, 14, 694.	1.3	39
86	HIV and Influenza Virus Infections Are Associated With Increased Blood Pneumococcal Load: A Prospective, Hospital-Based Observational Study in South Africa, 2009-2011. Journal of Infectious Diseases, 2014, 209, 56-65.	1.9	30
87	Mortality Associated With Seasonal and Pandemic Influenza and Respiratory Syncytial Virus Among Children $\leq 5$ Years of Age in a High HIV Prevalence Setting—South Africa, 1998–2009. Clinical Infectious Diseases, 2014, 58, 1241-1249.	2.9	62
88	Effects of Vaccination on Invasive Pneumococcal Disease in South Africa. New England Journal of Medicine, 2014, 371, 1889-1899.	13.9	308
89	Challenges of Using Molecular Serotyping for Surveillance of Pneumococcal Disease. Journal of Clinical Microbiology, 2014, 52, 3271-3276.	1.8	25
90	Influenza Epidemiology and Vaccine Effectiveness among Patients with Influenza-Like Illness, Viral Watch Sentinel Sites, South Africa, 2005–2009. PLoS ONE, 2014, 9, e94681.	1.1	23

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91	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
92	Severe Influenza-associated Respiratory Infection in High HIV Prevalence Setting, South Africa, 2009-2011. <i>Emerging Infectious Diseases</i> , 2013, 19, 1766-74.	2.0	129
93	Replacement and Positive Evolution of Subtype A and B Respiratory Syncytial Virus G-Protein Genotypes From 1997-2012 in South Africa. <i>Journal of Infectious Diseases</i> , 2013, 208, S227-S237.	1.9	78
94	Influenza Sentinel Surveillance in Rwanda, 2008-2010. <i>Journal of Infectious Diseases</i> , 2012, 206, S74-S79.	1.9	20
95	Influenza Surveillance in Zambia, 2008-2009. <i>Journal of Infectious Diseases</i> , 2012, 206, S173-S177.	1.9	16
96	Influenza Surveillance in 15 Countries in Africa, 2006-2010. <i>Journal of Infectious Diseases</i> , 2012, 206, S14-S21.	1.9	112
97	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