

Sharmistha Mishra

List of Publications by Year in Descending Order

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Version: 2024-04-29

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122
papers

1,621
citations

21
h-index

35
g-index

158
ext. papers

2,166
ext. citations

5.4
avg, IF

5.01
L-index

#	Paper	IF	Citations
122	Health-related quality of life of female sex workers living with HIV in South Africa: a cross-sectional study.. <i>Journal of the International AIDS Society</i> , 2022 , 25, e25884	5.4	0
121	Geographic concentration of SARS-CoV-2 cases by social determinants of health in metropolitan areas in Canada: a cross-sectional study.. <i>Cmaj</i> , 2022 , 194, E195-E204	3.5	3
120	Past dynamics of HIV transmission among men who have sex with men in Montréal, Canada: a mathematical modeling study.. <i>BMC Infectious Diseases</i> , 2022 , 22, 233	4	1
119	Stringency of Containment and Closures on the Growth of SARS-CoV-2 in Canada prior to Accelerated Vaccine Roll-Out.. <i>International Journal of Infectious Diseases</i> , 2022 ,	10.5	1
118	Mortality trends and length of stays among hospitalized patients with COVID-19 in Ontario and Québec (Canada): a population-based cohort study of the first three epidemic waves.. <i>International Journal of Infectious Diseases</i> , 2022 , 121, 1-10	10.5	1
117	Assessment of the Burden of SARS-CoV-2 Variants of Concern Among Essential Workers in the Greater Toronto Area, Canada. <i>JAMA Network Open</i> , 2021 , 4, e2130284	10.4	2
116	Validation of a Clinical Prediction Rule to Predict Asymptomatic Chlamydia and Gonorrhea Infections Among Internet-Based Testers. <i>Sexually Transmitted Diseases</i> , 2021 , 48, 481-487	2.4	
115	The Relationship Between the Global Burden of Influenza From 2017 to 2019 and COVID-19: Descriptive Epidemiological Assessment. <i>JMIR Public Health and Surveillance</i> , 2021 , 7, e24696	11.4	1
114	Cohort profile: St. Michael's Hospital Tuberculosis Database (SMH-TB), a retrospective cohort of electronic health record data and variables extracted using natural language processing. <i>PLoS ONE</i> , 2021 , 16, e0247872	3.7	
113	Simulation-Based Estimation of SARS-CoV-2 Infections Associated With School Closures and Community-Based Nonpharmaceutical Interventions in Ontario, Canada. <i>JAMA Network Open</i> , 2021 , 4, e213793	10.4	16
112	Assessing the Potential Impact of Disruptions Due to COVID-19 on HIV Among Key and Lower-Risk Populations in the Largest Cities of Cameroon and Benin. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021 , 87, 899-911	3.1	4
111	Decentralizing PrEP delivery: Implementation and dissemination strategies to increase PrEP uptake among MSM in Toronto, Canada. <i>PLoS ONE</i> , 2021 , 16, e0248626	3.7	4
110	Implementing Implementation Research: Teaching Implementation Research to HIV Researchers. <i>Current HIV/AIDS Reports</i> , 2021 , 18, 186-197	5.9	1
109	Individual and social determinants of SARS-CoV-2 testing and positivity in Ontario, Canada: a population-wide study. <i>Cmaj</i> , 2021 , 193, E723-E734	3.5	28
108	Quantifying the Evolving Contribution of HIV Interventions and Key Populations to the HIV Epidemic in Yaoundé/Cameroon. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021 , 86, 396-405	2.1	4
107	A Vaccination Strategy for Ontario COVID-19 Hotspots and Essential Workers 2021 ,		3
106	Estimating the epidemic consequences of HIV prevention gaps among key populations. <i>Journal of the International AIDS Society</i> , 2021 , 24 Suppl 3, e25739	5.4	0

105	Patient perspectives on the implementation of routinised syphilis screening with HIV viral load testing: Qualitative process evaluation of the Enhanced Syphilis Screening Among HIV-positive Men trial. <i>BMC Health Services Research</i> , 2021 , 21, 625	2.9	2
104	SARS-CoV-2 variants and considerations of inferring causality on disease severity. <i>Lancet Infectious Diseases</i> , 2021 , 21, 1472-1474	25.5	10
103	Routinised Syphilis Screening among Men Living with HIV: A stepped wedge cluster randomised controlled trial. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	2
102	Increasing concentration of COVID-19 by socioeconomic determinants and geography in Toronto, Canada: an observational study. <i>Annals of Epidemiology</i> , 2021 , 65, 84-84	6.4	5
101	Combination HIV Prevention Strategies Among Montreal Gay, Bisexual, and Other Men Who Have Sex with Men in the PrEP Era: A Latent Class Analysis. <i>AIDS and Behavior</i> , 2021 , 25, 269-283	4.3	8
100	Modeling the coronavirus disease 2019 pandemic: A comprehensive guide of infectious disease and decision-analytic models. <i>Journal of Clinical Epidemiology</i> , 2021 , 132, 133-141	5.7	6
99	Leveraging epidemiological principles to evaluate Sweden's COVID-19 response. <i>Annals of Epidemiology</i> , 2021 , 54, 21-26	6.4	26
98	The role of case importation in explaining differences in early SARS-CoV-2 transmission dynamics in Canada-A mathematical modeling study of surveillance data. <i>International Journal of Infectious Diseases</i> , 2021 , 102, 254-259	10.5	9
97	Competing Health Risks Associated with the COVID-19 Pandemic and Response: A Scoping Review 2021 ,		13
96	Estimating the contribution of key populations towards HIV transmission in South Africa. <i>Journal of the International AIDS Society</i> , 2021 , 24, e25650	5.4	8
95	COVID-19 Vaccination Strategy for Ontario Using Age and Neighbourhood-Based Prioritization 2021 ,		3
94	Disseminated cryptococcal infection in a patient with a remote renal transplant. <i>Cmaj</i> , 2021 , 193, E211-E214	3.4	1
93	Mathematical modelling of the influence of serosorting on the population-level HIV transmission impact of pre-exposure prophylaxis. <i>Aids</i> , 2021 , 35, 1113-1125	3.5	4
92	The burden of hand, foot, and mouth disease among children under different vaccination scenarios in China: a dynamic modelling study. <i>BMC Infectious Diseases</i> , 2021 , 21, 650	4	0
91	Exploring the dynamics of workplace typologies for sex workers in Eastern Ukraine. <i>Global Public Health</i> , 2021 , 1-20	3.5	1
90	Posterior Segment Ophthalmic Manifestations in Ebola Survivors, Sierra Leone. <i>Ophthalmology</i> , 2021 , 128, 1371-1373	7.3	1
89	A disproportionate epidemic: COVID-19 cases and deaths among essential workers in Toronto, Canada. <i>Annals of Epidemiology</i> , 2021 , 63, 63-67	6.4	6
88	Validating International Classification of Disease 10th Revision algorithms for identifying influenza and respiratory syncytial virus hospitalizations. <i>PLoS ONE</i> , 2021 , 16, e0244746	3.7	5

87	Validating International Classification of Disease 10th Revision algorithms for identifying influenza and respiratory syncytial virus hospitalizations 2021 , 16, e0244746		
86	Validating International Classification of Disease 10th Revision algorithms for identifying influenza and respiratory syncytial virus hospitalizations 2021 , 16, e0244746		
85	Validating International Classification of Disease 10th Revision algorithms for identifying influenza and respiratory syncytial virus hospitalizations 2021 , 16, e0244746		
84	Validating International Classification of Disease 10th Revision algorithms for identifying influenza and respiratory syncytial virus hospitalizations 2021 , 16, e0244746		
83	Estimating effective reproduction number using generation time versus serial interval, with application to covid-19 in the Greater Toronto Area, Canada. <i>Infectious Disease Modelling</i> , 2020 , 5, 889-896	15.7	20
82	Estimated surge in hospital and intensive care admission because of the coronavirus disease 2019 pandemic in the Greater Toronto Area, Canada: a mathematical modelling study. <i>CMAJ Open</i> , 2020 , 8, E593-E604	2.5	3
81	Sexual and reproductive health among adolescent girls and young women in Mombasa, Kenya. <i>Sexual and Reproductive Health Matters</i> , 2020 , 28, 1749341	2.4	2
80	Low program access despite high burden of sexual, structural, and reproductive health vulnerabilities among young women who sell sex in Mombasa, Kenya. <i>BMC Public Health</i> , 2020 , 20, 806	4.1	7
79	The public health response to COVID-19: balancing precaution and unintended consequences. <i>Annals of Epidemiology</i> , 2020 , 46, 12-13	6.4	12
78	Atypical clinical presentation of Ebola virus disease in pregnancy: Implications for clinical and public health management. <i>International Journal of Infectious Diseases</i> , 2020 , 97, 167-173	10.5	1
77	Understanding heterogeneity to inform the public health response to COVID-19 in Canada. <i>Cmaj</i> , 2020 , 192, E684-E685	3.5	27
76	HIV prevalence, testing and treatment among men who have sex with men through engagement in virtual sexual networks in Kenya: a cross-sectional bio-behavioural study. <i>Journal of the International AIDS Society</i> , 2020 , 23 Suppl 2, e25516	5.4	5
75	Treatment of soil-transmitted helminth infections in pregnancy: a systematic review and meta-analysis of maternal outcomes. <i>Journal of Travel Medicine</i> , 2020 , 27,	12.9	9
74	Rethinking the population attributable fraction for infectious diseases. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 155-157	25.5	6
73	Evidence of Nonrandom Mixing by Pre-exposure Prophylaxis Use Among Men Who Have Sex With Men Partnerships in Melbourne, 2016 to 2018. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020 , 84, e22-e23	3.1	0
72	Contribution of high risk groups Tunmet needs may be underestimated in epidemic models without risk turnover: A mechanistic modelling analysis. <i>Infectious Disease Modelling</i> , 2020 , 5, 549-562	15.7	1
71	High HIV Prevalence and Low HIV-Service Engagement Among Young Women Who Sell Sex: A Pooled Analysis Across 9 Sub-Saharan African Countries. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020 , 85, 148-155	3.1	3
70	Prevalence and patterns of gender-based violence across adolescent girls and young women in Mombasa, Kenya. <i>BMC Womens Health</i> , 2020 , 20, 229	2.9	5

69	Venue-Based HIV Testing at Sex Work Hotspots to Reach Adolescent Girls and Young Women Living With HIV: A Cross-sectional Study in Mombasa, Kenya. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020 , 84, 470-479	3.1	3
68	Sex Work Is Associated With Increased Vaginal Microbiome Diversity in Young Women From Mombasa, Kenya. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020 , 85, 79-87	3.1	3
67	Heterogeneity in testing, diagnosis and outcome in SARS-CoV-2 infection across outbreak settings in the Greater Toronto Area, Canada: an observational study. <i>CMAJ Open</i> , 2020 , 8, E627-E636	2.5	11
66	Population-Level Sexual Mixing According to HIV Status and Preexposure Prophylaxis Use Among Men Who Have Sex With Men in Montreal, Canada: Implications for HIV Prevention. <i>American Journal of Epidemiology</i> , 2020 , 189, 44-54	3.8	7
65	A14 Estimating time since HIV infection using next-generation sequencing data: A unique tool to help understand HIV prevention among high-risk young women in Ukraine. <i>Virus Evolution</i> , 2019 , 5,	3.7	78
64	Siyaphambili protocol: An evaluation of randomized, nurse-led adaptive HIV treatment interventions for cisgender female sex workers living with HIV in Durban, South Africa. <i>Research in Nursing and Health</i> , 2019 , 42, 107-118	2	9
63	Assessing the influence of conflict on the dynamics of sex work and the HIV and HCV epidemics in Ukraine: protocol for an observational, ethnographic, and mathematical modeling study. <i>BMC International Health and Human Rights</i> , 2019 , 19, 16	2.5	3
62	Anti-Ebola therapy for patients with Ebola virus disease: a systematic review. <i>BMC Infectious Diseases</i> , 2019 , 19, 376	4	20
61	Priorities, Barriers, and Facilitators towards International Guidelines for the Delivery of Supportive Clinical Care during an Ebola Outbreak: A Cross-Sectional Survey. <i>Viruses</i> , 2019 , 11,	6.2	5
60	HIV testing behaviour and HIV prevalence among female sex workers in Ukraine: findings from an Integrated Bio-Behavioural Survey, 2013-2014. <i>Sexually Transmitted Infections</i> , 2019 , 95, 193-200	2.8	4
59	The disconnect between individual-level and population-level HIV prevention benefits of antiretroviral treatment. <i>Lancet HIV,the</i> , 2019 , 6, e632-e638	7.8	40
58	HIV prevention programme cascades: insights from HIV programme monitoring for female sex workers in Kenya. <i>Journal of the International AIDS Society</i> , 2019 , 22 Suppl 4, e25311	5.4	10
57	Evaluation of community-based HIV self-testing delivery strategies on reducing undiagnosed HIV infection, and improving linkage to prevention and treatment services, among men who have sex with men in Kenya: a programme science study protocol. <i>BMC Public Health</i> , 2019 , 19, 986	4.1	8
56	What could re-infection tell us about R? A modeling case-study of syphilis transmission. <i>Infectious Disease Modelling</i> , 2019 , 4, 257-264	15.7	0
55	Informing HIV Prevention Programs for Adolescent Girls and Young Women: A Modified Approach to Programmatic Mapping and Key Population Size Estimation. <i>JMIR Public Health and Surveillance</i> , 2019 , 5, e11196	11.4	9
54	Contextualising the lived experience of sex workers living with HIV in South Africa: a call for a human-centred response to sexual and reproductive health and rights. <i>Sexual and Reproductive Health Matters</i> , 2019 , 27, 1686200	2.4	2
53	Using concept mapping to inform the development of a transitional reintegration intervention program for formerly incarcerated people with HIV. <i>BMC Health Services Research</i> , 2019 , 19, 761	2.9	3
52	Reply. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019 , 81, e163-e165	3.1	

51	Dutiful daughters: HIV/AIDS, moral pragmatics, female citizenship and structural violence among Devadasis in northern Karnataka, India. <i>Global Public Health</i> , 2018 , 13, 1065-1080	3.5	11
50	Can enhanced screening of men with a history of prior syphilis infection stem the epidemic in men who have sex with men? A mathematical modelling study. <i>Sexually Transmitted Infections</i> , 2018 , 94, 105-110	2.8	11
49	The contributions and future direction of Program Science in HIV/STI prevention. <i>Emerging Themes in Epidemiology</i> , 2018 , 15, 7	3.9	3
48	Decentralizing the delivery of HIV pre-exposure prophylaxis (PrEP) through family physicians and sexual health clinic nurses: a dissemination and implementation study protocol. <i>BMC Health Services Research</i> , 2018 , 18, 513	2.9	19
47	Economic evaluation of HIV pre-exposure prophylaxis strategies: protocol for a methodological systematic review and quantitative synthesis. <i>Systematic Reviews</i> , 2018 , 7, 47	3	
46	Conceptualizing Geosexual Archetypes: Mapping the Sexual Travels and Egocentric Sexual Networks of Gay and Bisexual Men in Toronto, Canada. <i>Sexually Transmitted Diseases</i> , 2018 , 45, 368-373	2.4	10
45	Vulnerabilities at First Sex and Their Association With Lifetime Gender-Based Violence and HIV Prevalence Among Adolescent Girls and Young Women Engaged in Sex Work, Transactional Sex, and Casual Sex in Kenya. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018 , 79, 296-304	3.1	21
44	Estimating the contribution of key populations towards the spread of HIV in Dakar, Senegal. <i>Journal of the International AIDS Society</i> , 2018 , 21 Suppl 5, e25126	5.4	21
43	Ebola Virus Persistence in Ocular Tissues and Fluids (EVICT) Study: Reverse Transcription-Polymerase Chain Reaction and Cataract Surgery Outcomes of Ebola Survivors in Sierra Leone. <i>EBioMedicine</i> , 2018 , 30, 217-224	8.8	31
42	Clinical Features and Outcome of Ebola Virus Disease in Pediatric Patients: A Retrospective Case Series. <i>Journal of Pediatrics</i> , 2017 , 182, 378-381.e1	3.6	12
41	Transitional care for formerly incarcerated persons with HIV: protocol for a realist review. <i>Systematic Reviews</i> , 2017 , 6, 29	3	2
40	Influence of Referral Pathway on Ebola Virus Disease Case-Fatality Rate and Effect of Survival Selection Bias. <i>Emerging Infectious Diseases</i> , 2017 , 23, 597-600	10.2	6
39	Considerations for Using the HIRI-MSM Screening Tool to Identify MSM Who Would Benefit Most From PrEP. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017 , 76, e58-e61	3.1	14
38	How do HIV-negative individuals in sub-Saharan Africa change their sexual risk behaviour upon learning their serostatus? A systematic review. <i>Sexually Transmitted Infections</i> , 2016 , 92, 571-578	2.8	9
37	Data and methods to characterize the role of sex work and to inform sex work programs in generalized HIV epidemics: evidence to challenge assumptions. <i>Annals of Epidemiology</i> , 2016 , 26, 557-569	6.4	25
36	Early clinical sequelae of Ebola virus disease in Sierra Leone: a cross-sectional study. <i>Lancet Infectious Diseases</i> , 2016 , 16, 331-8	25.5	119
35	Enhanced syphilis screening among HIV-positive men (ESSAHM): a study protocol for a clinic-randomized trial with stepped wedge design. <i>Implementation Science</i> , 2016 , 11, 8	8.4	8
34	Optimizing HIV pre-exposure prophylaxis implementation among men who have sex with men in a large urban centre: a dynamic modelling study. <i>Journal of the International AIDS Society</i> , 2016 , 19, 20791	5.4	17

33	The crucial importance of long-term follow-up for Ebola virus survivors. <i>Lancet Infectious Diseases, The</i> , 2016 , 16, 987-989	25.5	3
32	Ebola virus disease and critical illness. <i>Critical Care</i> , 2016 , 20, 217	10.8	69
31	What really is a concentrated HIV epidemic and what does it mean for West and Central Africa? Insights from mathematical modeling. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015 , 68 Suppl 2, S74-82	3.1	30
30	Interventions for post-infectious irritable bowel syndrome: a systematic review of treatment efficacy. <i>Tropical Diseases, Travel Medicine and Vaccines</i> , 2015 , 1, 1	3.2	5
29	The HIV Modes of Transmission model: a systematic review of its findings and adherence to guidelines. <i>Journal of the International AIDS Society</i> , 2014 , 17, 18928	5.4	25
28	Exploring the population-level impact of antiretroviral treatment: the influence of baseline intervention context. <i>Aids</i> , 2014 , 28 Suppl 1, S61-72	3.5	13
27	The HIV care cascade and antiretroviral therapy in female sex workers: implications for HIV prevention. <i>Expert Review of Anti-Infective Therapy</i> , 2014 , 12, 1203-19	5.5	30
26	Circumstances, experiences and processes surrounding women's entry into sex work in India. <i>Culture, Health and Sexuality</i> , 2014 , 16, 149-63	2.5	18
25	Distinguishing sources of HIV transmission from the distribution of newly acquired HIV infections: why is it important for HIV prevention planning?. <i>Sexually Transmitted Infections</i> , 2014 , 90, 19-25	2.8	21
24	Validation of the modes of transmission model as a tool to prioritize HIV prevention targets: a comparative modelling analysis. <i>PLoS ONE</i> , 2014 , 9, e101690	3.7	28
23	Antiretroviral therapy uptake, attrition, adherence and outcomes among HIV-infected female sex workers: a systematic review and meta-analysis. <i>PLoS ONE</i> , 2014 , 9, e105645	3.7	96
22	Health benefits, costs, and cost-effectiveness of earlier eligibility for adult antiretroviral therapy and expanded treatment coverage: a combined analysis of 12 mathematical models. <i>The Lancet Global Health</i> , 2013 , 2, 23-34	13.6	160
21	Screen more or screen more often? Using mathematical models to inform syphilis control strategies. <i>BMC Public Health</i> , 2013 , 13, 606	4.1	35
20	Sexual behaviour, structural vulnerabilities and HIV prevalence among female sex workers in Pakistan. <i>Sexually Transmitted Infections</i> , 2013 , 89 Suppl 2, ii34-42	2.8	12
19	Characterizing sexual histories of women before formal sex-work in south India from a cross-sectional survey: implications for HIV/STI prevention. <i>BMC Public Health</i> , 2012 , 12, 829	4.1	8
18	HIV epidemic appraisals for assisting in the design of effective prevention programmes: shifting the paradigm back to basics. <i>PLoS ONE</i> , 2012 , 7, e32324	3.7	24
17	Rates and determinants of HIV-attributable mortality among rural female sex workers in Northern Karnataka, India. <i>International Journal of STD and AIDS</i> , 2012 , 23, 36-40	1.4	17
16	The Intersection between Sex Work and Reproductive Health in Northern Karnataka, India: Identifying Gaps and Opportunities in the Context of HIV Prevention. <i>AIDS Research and Treatment</i> , 2012 , 2012, 842576	2.3	17

15	Impact of high-risk sex and focused interventions in heterosexual HIV epidemics: a systematic review of mathematical models. <i>PLoS ONE</i> , 2012 , 7, e50691	3.7	29
14	The laboratory impact of changing syphilis screening from the rapid-plasma reagin to a treponemal enzyme immunoassay: a case-study from the Greater Toronto Area. <i>Sexually Transmitted Diseases</i> , 2011 , 38, 190-6	2.4	50
13	The ABC of terms used in mathematical models of infectious diseases. <i>Journal of Epidemiology and Community Health</i> , 2011 , 65, 87-94	5.1	21
12	Malignant mimicry. <i>American Journal of Medicine</i> , 2010 , 123, 697-700	2.4	
11	Syphilis screening among female sex workers in Bangalore, India: comparison of point-of-care testing and traditional serological approaches. <i>Sexually Transmitted Infections</i> , 2010 , 86, 193-8	2.8	22
10	Sex work, syphilis, and seeking treatment: an opportunity for intervention in HIV prevention programming in Karnataka, South India. <i>Sexually Transmitted Diseases</i> , 2009 , 36, 157-64	2.4	8
9	Iron-clad diagnosis. <i>American Journal of Medicine</i> , 2008 , 121, 1043-5	2.4	0
8	Otosyphilis in HIV-coinfected individuals: a case series from Toronto, Canada. <i>AIDS Patient Care and STDs</i> , 2008 , 22, 213-9	5.8	22
7	High dose intravenous methylprednisolone in the treatment of severe acute respiratory syndrome. <i>Canadian Respiratory Journal</i> , 2004 , 11, 311-2	2.1	2
6	Estimating effective reproduction number using generation time versus serial interval, with application to COVID-19 in the Greater Toronto Area, Canada		1
5	The Individual and Social Determinants of COVID-19 Diagnosis in Ontario, Canada: A Population-Wide Study		9
4	The potential impact of School Closure Relative to Community-based Non-pharmaceutical Interventions on COVID-19 Cases in Ontario, Canada		1
3	Variant-of-concern-attributable health and health system-related outcomes: a population-level propensity-score matched cohort study		1
2	Inflection in prevalence of SARS-CoV-2 infections missing the N501Y mutation as a marker of rapid Delta (B.1.617.2) lineage expansion in Ontario, Canada		6
1	Geographical concentration of COVID-19 cases by social determinants of health in 16 large metropolitan areas in Canada [a cross-sectional study		1