

# Steven M Goodreau

## List of Publications by Year in descending order

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73  
papers

6,791  
citations

201674  
27  
h-index

76900  
74  
g-index

86  
all docs

86  
docs citations

86  
times ranked

6200  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of an opt-out point-of-care HIV-1 nucleic acid testing intervention to detect acute and prevalent HIV infection in symptomatic adult outpatients and reduce HIV transmission in Kenya: a randomized controlled trial. <i>HIV Medicine</i> , 2022, 23, 16-28.	2.2	8
2	Modeling the Impact of HIV-1 Nucleic Acid Testing Among Symptomatic Adult Outpatients in Kenya. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2022, 90, 553-561.	2.1	2
3	Declines in Pregnancies among U.S. Adolescents from 2007 to 2017: Behavioral Contributors to the Trend. <i>Journal of Pediatric and Adolescent Gynecology</i> , 2022, 35, 676-684.	0.7	3
4	Modeling the Impact of PrEP Programs for Adolescent Sexual Minority Males Based on Empirical Estimates for the PrEP Continuum of Care. <i>Journal of Adolescent Health</i> , 2021, 68, 488-496.	2.5	8
5	Test-and-treat coverage and HIV virulence evolution among men who have sex with men. <i>Virus Evolution</i> , 2021, 7, veab011.	4.9	1
6	Risk compensation after HIV-1 vaccination may accelerate viral adaptation and reduce cost-effectiveness: a modeling study. <i>Scientific Reports</i> , 2021, 11, 6798.	3.3	5
7	Network structure and rapid HIV transmission among people who inject drugs: A simulation-based analysis. <i>Epidemics</i> , 2021, 34, 100426.	3.0	3
8	A Behavioral Cascade of HIV Seroadaptation Among US Men Who Have Sex with Men in the Era of PrEP and U=U. <i>AIDS and Behavior</i> , 2021, 25, 3933-3943.	2.7	10
9	Effects of condom use on HIV transmission among adolescent sexual minority males in the United States. <i>Sexually Transmitted Diseases</i> , 2021, Publish Ahead of Print, 973-980.	1.7	5
10	Partnership dynamics in mathematical models and implications for representation of sexually transmitted infections: a review. <i>Annals of Epidemiology</i> , 2021, 59, 72-80.	1.9	4
11	Changing Patterns of Sexual Behavior and HIV/STI Among Men Who Have Sex With Men in Seattle, 2002 to 2018. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 87, 1032-1039.	2.1	1
12	Association between HIV PrEP indications and use in a national sexual network study of US men who have sex with men. <i>Journal of the International AIDS Society</i> , 2021, 24, e25826.	3.0	7
13	Effective strategies to promote HIV self-testing for men who have sex with men: Evidence from a mathematical model. <i>Epidemics</i> , 2021, 37, 100518.	3.0	7
14	Cost-Effectiveness of Pre-Exposure Prophylaxis Among Adolescent Sexual Minority Males. <i>Journal of Adolescent Health</i> , 2020, 66, 100-106.	2.5	16
15	Assessment of Bias in Estimates of Sexual Network Degree using Prospective Cohort Data. <i>Epidemiology</i> , 2020, 31, 229-237.	2.7	7
16	Estimation and correction of bias in network simulations based on respondent-driven sampling data. <i>Scientific Reports</i> , 2020, 10, 6348.	3.3	1
17	Predicting the impact of sexual behavior change on adolescent STI in the US and New York State: a case study of the teen-SPARC tool. <i>Annals of Epidemiology</i> , 2020, 47, 13-18.	1.9	1
18	Egocentric sexual networks of men who have sex with men in the United States: Results from the ARTnet study. <i>Epidemics</i> , 2020, 30, 100386.	3.0	50

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19	Does Stigma Toward Anal Sexuality Impede HIV Prevention Among Men Who Have Sex with Men in the United States? A Structural Equation Modeling Assessment. <i>Journal of Sexual Medicine</i> , 2020, 17, 477-490.	0.6	15
20	A Novel HIV-1 RNA Testing Intervention to Detect Acute and Prevalent HIV Infection in Young Adults and Reduce HIV Transmission in Kenya: Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2020, 9, e16198.	1.0	10
21	Models to predict the public health impact of vaccine resistance: A systematic review. <i>Vaccine</i> , 2019, 37, 4886-4895.	3.8	5
22	Correlates of concurrent partnerships and patterns of condom use among men who have sex with men and transgender women in Peru. <i>PLoS ONE</i> , 2019, 14, e0222114.	2.5	4
23	Modeling the joint effects of adolescent and adult PrEP for sexual minority males in the United States. <i>PLoS ONE</i> , 2019, 14, e0217315.	2.5	10
24	Large benefits to youth-focused HIV treatment-as-prevention efforts in generalized heterosexual populations: An agent-based simulation model. <i>PLoS Computational Biology</i> , 2019, 15, e1007561.	3.2	6
25	Sexual role and HIV-1 set point viral load among men who have sex with men. <i>Epidemics</i> , 2019, 26, 68-76.	3.0	4
26	Addressing Gaps in HIV Preexposure Prophylaxis Care to Reduce Racial Disparities in HIV Incidence in the United States. <i>American Journal of Epidemiology</i> , 2019, 188, 743-752.	3.4	76
27	Moving Forward With Treatment of Gonorrhea for Users of Human Immunodeficiency Virus Preexposure Prophylaxis Given the Threat of Antimicrobial Resistance. <i>Clinical Infectious Diseases</i> , 2018, 67, 155-156.	5.8	1
28	Targeting Human Immunodeficiency Virus Pre-Exposure Prophylaxis to Adolescent Sexual Minority Males in Higher Prevalence Areas of the United States: A Modeling Study. <i>Journal of Adolescent Health</i> , 2018, 62, 311-319.	2.5	27
29	HIV population-level adaptation can rapidly diminish the impact of a partially effective vaccine. <i>Vaccine</i> , 2018, 36, 514-520.	3.8	15
30	Potential Impact of HIV Preexposure Prophylaxis Among Black and White Adolescent Sexual Minority Males. <i>American Journal of Public Health</i> , 2018, 108, S284-S291.	2.7	26
31	Relational concurrency, stages of infection, and the evolution of HIV set point viral load. <i>Virus Evolution</i> , 2018, 4, vey032.	4.9	8
32	<b>EpiModel</b>: An <i>R</i> Package for Mathematical Modeling of Infectious Disease over Networks. <i>Journal of Statistical Software</i> , 2018, 84, .	3.7	126
33	Using Partially-Observed Facebook Networks to Develop a Peer-Based HIV Prevention Intervention: Case Study. <i>Journal of Medical Internet Research</i> , 2018, 20, e11652.	4.3	7
34	Development of an Agent-Based Model to Investigate the Impact of HIV Self-Testing Programs on Men Who Have Sex With Men in Atlanta and Seattle. <i>JMIR Public Health and Surveillance</i> , 2018, 4, e58.	2.6	14
35	Sources of racial disparities in HIV prevalence in men who have sex with men in Atlanta, GA, USA: a modelling study. <i>Lancet HIV</i> , 2017, 4, e311-e320.	4.7	81
36	Incidence of Gonorrhea and Chlamydia Following Human Immunodeficiency Virus Preexposure Prophylaxis Among Men Who Have Sex With Men: A Modeling Study. <i>Clinical Infectious Diseases</i> , 2017, 65, 712-718.	5.8	186

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37	Projected demographic composition of the United States population of people living with diagnosed HIV. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2017, 29, 1543-1550.	1.2	23
38	Individual HIV Risk versus Population Impact of Risk Compensation after HIV Preexposure Prophylaxis Initiation among Men Who Have Sex with Men. <i>PLoS ONE</i> , 2017, 12, e0169484.	2.5	35
39	Estimating the impact of universal antiretroviral therapy for HIV serodiscordant couples through home HIV testing: insights from mathematical models. <i>Journal of the International AIDS Society</i> , 2016, 19, 20864.	3.0	4
40	Males Under-Estimate Academic Performance of Their Female Peers in Undergraduate Biology Classrooms. <i>PLoS ONE</i> , 2016, 11, e0148405.	2.5	161
41	Effectiveness of combination packages for HIV-1 prevention in sub-Saharan Africa depends on partnership network structure: a mathematical modelling study. <i>Sexually Transmitted Infections</i> , 2016, 92, 619-624.	1.9	7
42	Impact of the Centers for Disease Control's HIV Preexposure Prophylaxis Guidelines for Men Who Have Sex With Men in the United States. <i>Journal of Infectious Diseases</i> , 2016, 214, 1800-1807.	4.0	174
43	Targeting Pre-Exposure Prophylaxis Among Men Who Have Sex With Men in the United States and Peru. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2015, 69, 119-125.	2.1	25
44	Using Social Network Methods to Test for Assortment of Prosociality among Korean High School Students. <i>PLoS ONE</i> , 2015, 10, e0125333.	2.5	8
45	An Approximation Method for Improving Dynamic Network Model Fitting. <i>Journal of Computational and Graphical Statistics</i> , 2015, 24, 502-519.	1.7	16
46	Individualized diagnosis interventions can add significant effectiveness in reducing human immunodeficiency virus incidence among men who have sex with men: insights from Southern California. <i>Annals of Epidemiology</i> , 2015, 25, 1-6.	1.9	20
47	Estimating PMTCT's Impact on Heterosexual HIV Transmission: A Mathematical Modeling Analysis. <i>PLoS ONE</i> , 2015, 10, e0134271.	2.5	5
48	Can Male Circumcision Have an Impact on the HIV Epidemic in Men Who Have Sex with Men?. <i>PLoS ONE</i> , 2014, 9, e102960.	2.5	20
49	Understanding Classrooms through Social Network Analysis: A Primer for Social Network Analysis in Education Research. <i>CBE Life Sciences Education</i> , 2014, 13, 167-178.	2.3	172
50	Modeling the Impact of Post-Diagnosis Behavior Change on HIV Prevalence in Southern California Men Who Have Sex with Men (MSM). <i>AIDS and Behavior</i> , 2014, 18, 1523-1531.	2.7	27
51	What can mathematical models tell us about the relationship between circular migrations and HIV transmission dynamics?. <i>Mathematical Biosciences and Engineering</i> , 2014, 11, 1065-1090.	1.9	13
52	Is 2 a "High Number of Partners"? Modeling, Data, and the Power of Concurrency. <i>Sexually Transmitted Diseases</i> , 2013, 40, 61.	1.7	4
53	ergm.userterms: A Template Package for Extending statnet. <i>Journal of Statistical Software</i> , 2013, 52, i02.	3.7	1
54	Successes and challenges of HIV prevention in men who have sex with men. <i>Lancet</i> , The, 2012, 380, 388-399.	13.7	349

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55	Global epidemiology of HIV infection in men who have sex with men. <i>Lancet</i> , The, 2012, 380, 367-377.	13.7	1,297
56	Concurrent Partnerships, Acute Infection and HIV Epidemic Dynamics Among Young Adults in Zimbabwe. <i>AIDS and Behavior</i> , 2012, 16, 312-322.	2.7	112
57	What Drives the US and Peruvian HIV Epidemics in Men Who Have Sex with Men (MSM)?. <i>PLoS ONE</i> , 2012, 7, e50522.	2.5	296
58	Interaction of mathematical modeling and social and behavioral HIV/AIDS research. <i>Current Opinion in HIV and AIDS</i> , 2011, 6, 119-123.	3.8	7
59	A decade of modelling research yields considerable evidence for the importance of concurrency: a response to Sawers and Stillwaggon. <i>Journal of the International AIDS Society</i> , 2011, 14, 12.	3.0	37
60	Stochastic models to demonstrate the effect of motivated testing on HIV incidence estimates using the serological testing algorithm for recent HIV seroconversion (STARHS). <i>Sexually Transmitted Infections</i> , 2010, 86, 506-511.	1.9	7
61	Available evidence does not support serosorting as an HIV risk reduction strategy: author's reply. <i>Aids</i> , 2010, 24, 936-938.	2.2	2
62	Effect of an Online Video-Based Intervention to Increase HIV Testing in Men Who Have Sex with Men in Peru. <i>PLoS ONE</i> , 2010, 5, e10448.	2.5	81
63	Birds of a feather, or friend of a friend? using exponential random graph models to investigate adolescent social networks. <i>Demography</i> , 2009, 46, 103-125.	2.5	575
64	HIV serosorting as a harm reduction strategy: evidence from Seattle, Washington. <i>Aids</i> , 2009, 23, 2497-2506.	2.2	65
65	Goodness of Fit of Social Network Models. <i>Journal of the American Statistical Association</i> , 2008, 103, 248-258.	3.1	507
66	<b>statnet</b>: Software Tools for the Representation, Visualization, Analysis and Simulation of Network Data. <i>Journal of Statistical Software</i> , 2008, 24, 1548-7660.	3.7	561
67	<b>ergm</b>: A Package to Fit, Simulate and Diagnose Exponential-Family Models for Networks. <i>Journal of Statistical Software</i> , 2008, 24, nihpa54860.	3.7	690
68	A statnet Tutorial. <i>Journal of Statistical Software</i> , 2008, 24, 1-27.	3.7	244
69	Biological and demographic causes of high HIV and sexually transmitted disease prevalence in men who have sex with men. <i>Sexually Transmitted Infections</i> , 2007, 83, 458-462.	1.9	46
70	Role Versatility Among Men Who Have Sex With Men in Urban Peru. <i>Journal of Sex Research</i> , 2007, 44, 233-239.	2.5	33
71	Advances in exponential random graph ( $p^*$ ) models applied to a large social network. <i>Social Networks</i> , 2007, 29, 231-248.	2.1	273
72	Assessing the Effects of Human Mixing Patterns on Human Immunodeficiency Virus-1 Interhost Phylogenetics Through Social Network Simulation. <i>Genetics</i> , 2006, 172, 2033-2045.	2.9	17

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73	Sexual Role and Transmission of HIV Type 1 among Men Who Have Sex with Men, in Peru. Journal of Infectious Diseases, 2005, 191, S147-S158.	4.0	57