Mirjam E E Kretzschmar

List of Publications by Year
in descending order

215	12,886	34105 52	29157 104
papers	citations	h-index	g-index

240	240	240	16782
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Attributable deaths and disability-adjusted life-years caused by infections with antibiotic-resistant bacteria in the EU and the European Economic Area in 2015: a population-level modelling analysis. Lancet Infectious Diseases, The, 2019, 19, 56-66.	9.1	1,908
2	Concurrent partnerships and the spread of HIV. Aids, 1997, 11, 641-648.	2.2	810
3	Disability weights for the Global Burden of Disease 2013 study. The Lancet Global Health, 2015, 3, e712-e723.	6.3	783
4	Impact of delays on effectiveness of contact tracing strategies for COVID-19: a modelling study. Lancet Public Health, The, 2020, 5, e452-e459.	10.0	610
5	Using Data on Social Contacts to Estimate Age-specific Transmission Parameters for Respiratory-spread Infectious Agents. American Journal of Epidemiology, 2006, 164, 936-944.	3.4	575
6	Burden of Six Healthcare-Associated Infections on European Population Health: Estimating Incidence-Based Disability-Adjusted Life Years through a Population Prevalence-Based Modelling Study. PLoS Medicine, 2016, 13, e1002150.	8.4	436
7	Measures of concurrency in networks and the spread of infectious disease. Mathematical Biosciences, 1996, 133, 165-195.	1.9	370
8	Concurrent partnerships and transmission dynamics in networks. Social Networks, 1995, 17, 299-318.	2.1	277
9	Measuring underreporting and under-ascertainment in infectious disease datasets: a comparison of methods. BMC Public Health, 2014, 14, 147.	2.9	249
10	Impact of infectious diseases on population health using incidence-based disability-adjusted life years (DALYs): results from the Burden of Communicable Diseases in Europe study, European Union and European Economic Area countries, 2009 to 2013. Eurosurveillance, 2018, 23, .	7.0	217
11	Impact of self-imposed prevention measures and short-term government-imposed social distancing on mitigating and delaying a COVID-19 epidemic: A modelling study. PLoS Medicine, 2020, 17, e1003166.	8.4	213
12	The incidence of Bordetella pertussis infections estimated in the population from a combination of serological surveys. Journal of Infection, 2006, 53, 106-113.	3.3	154
13	Mortality Attributable to 9 Common Infections: Significant Effect of Influenza A, Respiratory Syncytial Virus, Influenza B, Norovirus, and Parainfluenza in Elderly Persons. Journal of Infectious Diseases, 2012, 206, 628-639.	4.0	153
14	Dynamic Transmission Modeling: A Report of the ISPOR-SMDM Modeling Good Research Practices Task Force-5. Value in Health, 2012, 15, 828-834.	0.3	152
15	Assessing disability weights based on the responses of 30,660 people from four European countries. Population Health Metrics, 2015, 13, 10.	2.7	133
16	Incidence and Reproduction Numbers of Pertussis: Estimates from Serological and Social Contact Data in Five European Countries. PLoS Medicine, 2010, 7, e1000291.	8.4	125
17	Perspective: human contact patterns and the spread of airborne infectious diseases. Trends in Microbiology, 1999, 7, 372-377.	7.7	119
18	Effectiveness of yearly, register based screening for chlamydia in the Netherlands: controlled trial with randomised stepped wedge implementation. BMJ, The, 2012, 345, e4316-e4316.	6.0	119

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19	Comparative Model-based Analysis of Screening Programs for Chlamydia trachomatis Infections. American Journal of Epidemiology, 2001, 153, 90-101.	3.4	118
20	Dynamic Transmission Modeling. Medical Decision Making, 2012, 32, 712-721.	2.4	117
21	Ring Vaccination and Smallpox Control. Emerging Infectious Diseases, 2004, 10, 832-841.	4.3	112
22	The contribution of steady and casual partnerships to the incidence of HIV infection among homosexual men in Amsterdam. Aids, 2003, 17, 1029-1038.	2.2	108
23	Contact tracing in stochastic and deterministic epidemic models. Mathematical Biosciences, 2000, 164, 39-64.	1.9	107
24	Key questions for modelling COVID-19 exit strategies. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201405.	2.6	106
25	Controlling the pandemic during the SARS-CoV-2 vaccination rollout. Nature Communications, 2021, 12, 3674.	12.8	98
26	Timeliness of vaccination and its effects on fraction of vaccinated population. Vaccine, 2008, 26, 3805-3811.	3.8	86
27	Waning immunity and sub-clinical infection in an epidemic model: implications for pertussis in The Netherlands. Mathematical Biosciences, 2000, 164, 161-182.	1.9	84
28	Primary HIV infection as source of HIV transmission within steady and casual partnerships among homosexual men. Aids, 2004, 18, 1311-1320.	2.2	84
29	High infectivity and pathogenicity of influenza A virus via aerosol and droplet transmission. Epidemics, 2010, 2, 215-222.	3.0	84
30	Cost-Effectiveness of Screening Programs for Chlamydia trachomatis. Sexually Transmitted Diseases, 2000, 27, 518-529.	1.7	84
31	A microsimulation study of the effect of concurrent partnerships on the spread of HIV in Uganda. Mathematical Population Studies, 2000, 8, 109-133.	2.2	80
32	Enhanced Hygiene Measures and Norovirus Transmission during an Outbreak. Emerging Infectious Diseases, 2009, 15, 24-30.	4.3	79
33	Can hepatitis C virus prevalence be used as a measure of injectionâ€related human immunodeficiency virus risk in populations of injecting drug users? An ecological analysis. Addiction, 2010, 105, 311-318.	3.3	77
34	New Methodology for Estimating the Burden of Infectious Diseases in Europe. PLoS Medicine, 2012, 9, e1001205.	8.4	77
35	Human dose response relation for airborne exposure to Coxiella burnetii. BMC Infectious Diseases, 2013, 13, 488.	2.9	77
36	The Pathogen- and Incidence-Based DALY Approach: An Appropriated Methodology for Estimating the Burden of Infectious Diseases. PLoS ONE, 2013, 8, e79740.	2.5	76

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37	The effect of pair formation and variable infectivity on the spread of an infection without recovery. Mathematical Biosciences, 1998, 148, 83-113.	1.9	73
38	Towards an integrated approach in surveillance of vector-borne diseases in Europe. Parasites and Vectors, 2011, 4, 192.	2.5	73
39	A look into the future of the COVID-19 pandemic in Europe: an expert consultation. Lancet Regional Health - Europe, The, 2021, 8, 100185.	5.6	72
40	Calling for pan-European commitment for rapid and sustained reduction in SARS-CoV-2 infections. Lancet, The, 2021, 397, 92-93.	13.7	71
41	A Measles Epidemic Threshold in a Highly Vaccinated Population. PLoS Medicine, 2005, 2, e316.	8.4	69
42	Frequency of Adverse Events after Vaccination with Different Vaccinia Strains. PLoS Medicine, 2006, 3, e272.	8.4	68
43	Modelling the spread of HIV in social networks of injecting drug users. Aids, 1998, 12, 801-811.	2.2	66
44	High impact of migration on the prevalence of chronic hepatitis B in the Netherlands. European Journal of Gastroenterology and Hepatology, 2008, 20, 1214-1225.	1.6	65
45	Transmission ofChlamydia trachomatisthrough sexual partnerships: a comparison between three individual-based models and empirical data. Journal of the Royal Society Interface, 2012, 9, 136-146.	3.4	63
46	Quantifying Reporting Timeliness to Improve Outbreak Control. Emerging Infectious Diseases, 2015, 21, 209-216.	4.3	63
47	Comparing Pandemic to Seasonal Influenza Mortality: Moderate Impact Overall but High Mortality in Young Children. PLoS ONE, 2012, 7, e31197.	2.5	63
48	Disease Burden of 32 Infectious Diseases in the Netherlands, 2007-2011. PLoS ONE, 2016, 11, e0153106.	2.5	63
49	Decline in incidence of <scp>HIV</scp> and hepatitis <scp>C</scp> virus infection among injecting drug users in <scp>A</scp>msterdam; evidence for harm reduction?. Addiction, 2013, 108, 1070-1081.	3.3	62
50	Sexual Network Structure and Sexually Transmitted Disease Prevention. Sexually Transmitted Diseases, 2000, 27, 627-635.	1.7	59
51	Estimation of measles vaccine efficacy and critical vaccination coverage in a highly vaccinated population. Journal of the Royal Society Interface, 2010, 7, 1537-1544.	3.4	59
52	The Role of Reinfection and Partner Notification in the Efficacy of Chlamydia Screening Programs. Journal of Infectious Diseases, 2011, 203, 372-377.	4.0	59
53	Model-based evaluation of school- and non-school-related measures to control the COVID-19 pandemic. Nature Communications, 2021, 12, 1614.	12.8	58
54	Unspecified Gastroenteritis Illness and Deaths in the Elderly Associated With Norovirus Epidemics. Epidemiology, 2011, 22, 336-343.	2.7	57

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55	Collecting social contact data in the context of disease transmission: Prospective and retrospective study designs. Social Networks, 2008, 30, 127-135.	2.1	54
56	Sex-Specific Immunization for Sexually Transmitted Infections Such as Human Papillomavirus: Insights from Mathematical Models. PLoS Medicine, 2011, 8, e1001147.	8.4	52
57	Contact Profiles in Eight European Countries and Implications for Modelling the Spread of Airborne Infectious Diseases. PLoS ONE, 2009, 4, e5931.	2.5	52
58	Costs and Effects of Chlamydial Screening: Dynamic versus Static Modeling. Sexually Transmitted Diseases, 2005, 32, 474-483.	1.7	51
59	Prospects of elimination of HIV with test-and-treat strategy. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15538-15543.	7.1	51
60	Pathogen adaptation under imperfect vaccination: implications for pertussis. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 1617-1624.	2.6	50
61	Nursesâ€™ Contacts and Potential for Infectious Disease Transmission. Emerging Infectious Diseases, 2009, 15, 1438-1444.	4.3	50
62	Concurrency is more complex than it seems. Aids, 2010, 24, 313-315.	2.2	38
63	Contact tracing â€“ Old models and new challenges. Infectious Disease Modelling, 2021, 6, 222-231.	1.9	38
64	Cost-Effectiveness of Hepatitis C Treatment for People Who Inject Drugs and the Impact of the Type of Epidemic; Extrapolating from Amsterdam, the Netherlands. PLoS ONE, 2016, 11, e0163488.	2.5	38
65	Comparison of Contact Patterns Relevant for Transmission of Respiratory Pathogens in Thailand and the Netherlands Using Respondent-Driven Sampling. PLoS ONE, 2014, 9, e113711.	2.5	37
66	Disease modeling for public health: added value, challenges, and institutional constraints. Journal of Public Health Policy, 2020, 41, 39-51.	2.0	37
67	Cost-Effectiveness of Adolescent Pertussis Vaccination for The Netherlands: Using an Individual-Based Dynamic Model. PLoS ONE, 2010, 5, e13392.	2.5	37
68	Infectious reactivation of cytomegalovirus explaining age- and sex-specific patterns of seroprevalence. PLoS Computational Biology, 2017, 13, e1005719.	3.2	36
69	Prediction of Costs, Effectiveness, and Disease Control of a Population-Based Program Using Home Sampling for Diagnosis of Urogenital Chlamydia trachomatis Infections. Sexually Transmitted Diseases, 2006, 33, 407-415.	1.7	35
70	A two-phase within-host model for immune response and its application to serological profiles of pertussis. Epidemics, 2014, 9, 1-7.	3.0	34
71	Modeling the transmission risk of emerging infectious diseases through blood transfusion. Transfusion, 2013, 53, 1421-1428.	1.6	33
72	Hepatitis C virus treatment as prevention among injecting drug users: who should we cure first?. Addiction, 2015, 110, 975-983.	3.3	33

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73	Monitoring quality and coverage of harm reduction services for people who use drugs: a consensus study. Harm Reduction Journal, 2017, 14, 19.	3.2	33
74	Mathematical Models in Infectious Disease Epidemiology. Statistics in the Health Sciences, 2009, , 209-221.	0.2	32
75	Effectiveness of contact tracing apps for SARS-CoV-2: a rapid systematic review. BMJ Open, 2021, 11, e050519.	1.9	32
76	Online Respondent-Driven Sampling for Studying Contact Patterns Relevant for the Spread of Close-Contact Pathogens: A Pilot Study in Thailand. PLoS ONE, 2014, 9, e85256.	2.5	32
77	Infectious disease transmission as a forensic problem: who infected whom?. Journal of the Royal Society Interface, 2013, 10, 20120955.	3.4	31
78	Toward an Endgame: Finding and Engaging People Unaware of Their HIV-1 Infection in Treatment and Prevention. AIDS Research and Human Retroviruses, 2014, 30, 217-224.	1.1	31
79	Burden of four vaccine preventable diseases in older adults. Vaccine, 2016, 34, 942-949.	3.8	31
80	Analysis of timeliness of infectious disease reporting in the Netherlands. BMC Public Health, 2011, 11, 409.	2.9	30
81	Development of a resource modelling tool to support decision makers in pandemic influenza preparedness: The AsiaFluCap Simulator. BMC Public Health, 2012, 12, 870.	2.9	30
82	Isolation and Contact Tracing Can Tip the Scale to Containment of COVID-19 in Populations With Social Distancing. Frontiers in Physics, 2021, 8, .	2.1	30
83	Challenges for modelling interventions for future pandemics. Epidemics, 2022, 38, 100546.	3.0	30
84	Is Concurrency Driving HIV Transmission in Sub-Saharan African Sexual Networks? The Significance of Sexual Partnership Typology. AIDS and Behavior, 2012, 16, 1746-1752.	2.7	29
85	A Software Tool for Estimation of Burden of Infectious Diseases in Europe Using Incidence-Based Disability Adjusted Life Years. PLoS ONE, 2017, 12, e0170662.	2.5	29
86	The basic reproduction ratio R0 for a sexually transmitted disease in pair formation model with two types of pairs. Mathematical Biosciences, 1994, 124, 181-205.	1.9	28
87	Prevalence, diagnosis, and disease course of pertussis in adults with acute cough: a prospective, observational study in primary care. British Journal of General Practice, 2015, 65, e662-e667.	1.4	28
88	Quantifying Transmission of Norovirus During an Outbreak. Epidemiology, 2012, 23, 277-284.	2.7	27
89	Targeted vaccination programme successful in reducing acute hepatitis B in men having sex with men in Amsterdam, The Netherlands. Journal of Hepatology, 2013, 59, 1177-1183.	3.7	27
90	Targeted COVID-19 Vaccination (TAV-COVID) Considering Limited Vaccination Capacitiesâ€"An Agent-Based Modeling Evaluation. Vaccines, 2021, 9, 434.	4.4	27

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91	Mobility assessment of a rural population in the Netherlands using GPS measurements. International Journal of Health Geographics, 2017, 16, 30.	2.5	26
92	Sexual risk behaviour trajectories among MSM at risk for HIV in Amsterdam, the Netherlands. Aids, 2018, 32, 1185-1192.	2.2	26
93	A renewal equation with a birth-death process as a model for parasitic infections. Journal of Mathematical Biology, 1989, 27, 191-221.	1.9	25
94	Association between acculturation and childhood vaccination coverage in migrant populations: a population based study from a rural region in Bavaria, Germany. International Journal of Public Health, 2008, 53, 180-187.	2.6	25
95	Model based analysis of hepatitis B vaccination strategies in the Netherlands. Vaccine, 2009, 27, 1254-1260.	3.8	25
96	An evidence synthesis approach to estimating the incidence of seasonal influenza in the Netherlands. Influenza and Other Respiratory Viruses, 2014, 8, 33-41.	3.4	25
97	Chlamydia screening is not cost-effective at low participation rates: evidence from a repeated register-based implementation study in the Netherlands. Sexually Transmitted Infections, 2015, 91, 423-429.	1.9	25
98	Determinants of persistent spread of HIV in HCV-infected populations of injecting drug users. Epidemics, 2012, 4, 57-67.	3.0	24
99	The effect of hepatitis C treatment and human immunodeficiency virus (HIV) coâ€infection on the disease burden of hepatitis C among injecting drug users in Amsterdam. Addiction, 2012, 107, 614-623.	3.3	24
100	Cost-effectiveness of human papillomavirus vaccination in Germany. Cost Effectiveness and Resource Allocation, 2017, 15, 18.	1.5	24
101	$${ SI}$$ S I infection on a dynamic partnership network: characterization of $$R_0$$ R 0. Journal of Mathematical Biology, 2015, 71, 1-56.	1.9	23
102	HIV and risk of cardiovascular disease in sub-Saharan Africa: Rationale and design of the Ndlovu Cohort Study. European Journal of Preventive Cardiology, 2017, 24, 1043-1050.	1.8	23
103	Infectious Disease Epidemiology. , 2014, , 2041-2119.		22
104	Dynamic concurrent partnership networks incorporating demography. Theoretical Population Biology, 2012, 82, 229-239.	1.1	21
105	Vaccination based control of infections in SIRS models with reinfection: special reference to pertussis. Journal of Mathematical Biology, 2013, 67, 1083-1110.	1.9	21
106	Current and future effects of varicella and herpes zoster vaccination in Germany â€“ Insights from a mathematical model in a country with universal varicella vaccination. Human Vaccines and Immunotherapeutics, 2016, 12, 1-11.	3.3	21
107	Timeliness of notification systems for infectious diseases: A systematic literature review. PLoS ONE, 2018, 13, e0198845.	2.5	21
108	Interventions to control nosocomial transmission of SARS-CoV-2: a modelling study. BMC Medicine, 2021, 19, 211.	5.5	21

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109	Impact of early-stage HIV transmission on treatment as prevention. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15867-15868.	7.1	20
110	Estimating the transfusion transmission risk of <scp>Q</scp> fever. Transfusion, 2014, 54, 1705-1711.	1.6	20
111	Impact of Heterogeneity in Sexual Behavior on Effectiveness in Reducing HIV Transmission with Test-and-Treat Strategy. PLoS Computational Biology, 2016, 12, e1005012.	3.2	20
112	Effects of Screening and Partner Notification on Chlamydia Positivity in the United States. Sexually Transmitted Diseases, 2012, 39, 325-331.	1.7	19
113	Persistent solutions in a model for parasitic infections. Journal of Mathematical Biology, 1989, 27, 549-573.	1.9	18
114	Influence of demographic changes on the impact of vaccination against varicella and herpes zoster in Germany â€“ a mathematical modelling study. BMC Medicine, 2018, 16, 3.	5.5	18
115	Elimination prospects of the Dutch HIV epidemic among men who have sex with men in the era of preexposure prophylaxis. Aids, 2018, 32, 2615-2623.	2.2	18
116	Regional differences in HIV prevalence among drug users in China: potential for future spread of HIV?. BMC Infectious Diseases, 2008, 8, 108.	2.9	17
117	Exposure to low doses of Coxiella burnetii caused high illness attack rates: Insights from combining human challenge and outbreak data. Epidemics, 2015, 11, 1-6.	3.0	17
118	Waning and boosting: on the dynamics of immune status. Journal of Mathematical Biology, 2018, 77, 2023-2048.	1.9	17
119	New challenges for mathematical and statistical modeling of HIV and hepatitis C virus in injecting drug users. Aids, 2008, 22, 1527-1537.	2.2	16
120	The importance of partnership factors and individual factors associated with absent or inconsistent condom use in heterosexuals: a cross-sectional study. Sexually Transmitted Infections, 2014, 90, 325-331.	1.9	16
121	Trajectories of injecting behavior in the Amsterdam Cohort Study among drug users. Drug and Alcohol Dependence, 2014, 144, 141-147.	3.2	16
122	Perceived HIV Status is a Key Determinant of Unprotected Anal Intercourse Within Partnerships of Men Who Have Sex With Men in Amsterdam. AIDS and Behavior, 2014, 18, 2442-2456.	2.7	16
123	Pair formation models for sexually transmitted infections: A primer. Infectious Disease Modelling, 2017, 2, 368-378.	1.9	16
124	Interplay Between Risk Perception, Behavior, and COVID-19 Spread. Frontiers in Physics, 2022, 10, .	2.1	16
125	Determinants of childhood vaccination coverage in Kazakhstan in a period of societal change: Implications for vaccination policies. Vaccine, 2007, 25, 1756-1763.	3.8	15
126	Time Trends and Regional Differences in the Prevalence of HIV Infection Among Women Attending Antenatal Clinics in 2 Provinces in Cameroon. Journal of Acquired Immune Deficiency Syndromes (1999), 2009, 52, 258-264.	2.1	15

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127	Unlocking pathogen genotyping information for public health by mathematical modeling. Trends in Microbiology, 2010, 18, 406-412.	7.7	15
128	Timeliness of contact tracing among flight passengers for influenza A/H1N1 2009. BMC Infectious Diseases, 2011, 11, 355.	2.9	15
129	Effectiveness and Timing of Vaccination during School Measles Outbreak. Emerging Infectious Diseases, 2012, 18, 1405-1413.	4.3	15
130	Hepatitis B vaccination of men who have sex with men in the Netherlands: should we vaccinate more men, younger men or high-risk men?. Sexually Transmitted Infections, 2013, 89, 666-671.	1.9	15
131	Relevance of intra-hospital patient movements for the spread of healthcare-associated infections within hospitals - a mathematical modeling study. PLoS Computational Biology, 2021, 17, e1008600.	3.2	15
132	DETERMINISTIC AND STOCHASTIC PAIR FORMATION MODELS FOR THE SPREAD OF SEXUALLY TRANSMITTED DISEASES. Journal of Biological Systems, 1995, 03, 789-801.	1.4	14
133	ATTITUDES AND BELIEFS OF PARENTS ABOUT CHILDHOOD VACCINATIONS IN POST-SOVIET COUNTRIES. Pediatric Infectious Disease Journal, 2009, 28, 637-640.	2.0	14
134	Concurrency can drive an HIV epidemic by moving R 0 across the epidemic threshold. Aids, 2015, 29, 1097-1103.	2.2	14
135	Determinants of Sexual Network Structure and Their Impact on Cumulative Network Measures. PLoS Computational Biology, 2012, 8, e1002470.	3.2	13
136	Elimination of HIV by test and treat. Aids, 2012, 26, 247-248.	2.2	13
137	Tracking Pseudomonas aeruginosa transmissions due to environmental contamination after discharge in ICUs using mathematical models. PLoS Computational Biology, 2019, 15, e1006697.	3.2	13
138	Short- and long-term impact of vaccination against cytomegalovirus: a modeling study. BMC Medicine, 2020, 18, 174.	5.5	13
139	The efficiency of targeted intervention in limiting the spread of HIV and Hepatitis C Virus among injecting drug users. Journal of Theoretical Biology, 2013, 333, 126-134.	1.7	12
140	Speed versus coverage trade off in targeted interventions during an outbreak. Epidemics, 2014, 8, 28-40.	3.0	12
141	Tracking social contact networks with online respondent-driven detection: who recruits whom?. BMC Infectious Diseases, 2015, 15, 522.	2.9	12
142	Impact of Self-Imposed Prevention Measures and Short-Term Government Intervention on Mitigating and Delaying a COVID-19 Epidemic. SSRN Electronic Journal, 0, , .	0.4	12
143	Migrants and hepatitis B: new strategies for secondary prevention needed. European Journal of Public Health, 2009, 19, 439-439.	0.3	11
144	Case and partnership reproduction numbers for a curable sexually transmitted infection. Journal of Theoretical Biology, 2013, 331, 38-47.	1.7	11

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145	Pneumonia risk of people living close to goat and poultry farms â€“ Taking GPS derived mobility patterns into account. Environment International, 2018, 115, 150-160.	10.0	11
146	The Rhythm of Risk: Sexual Behaviour, PrEP Use and HIV Risk Perception Between 1999 and 2018 Among Men Who Have Sex with Men in Amsterdam, The Netherlands. AIDS and Behavior, 2021, 25, 1800-1809.	2.7	11
147	To notify or not to notify: decision aid for policy makers on whether to make an infectious disease mandatorily notifiable. Eurosurveillance, 2015, 20, 30003.	7.0	11
148	Universal hepatitis B vaccination. Lancet Infectious Diseases, The, 2008, 8, 85-87.	9.1	10
149	Temporal trends in mortality among people who use drugs compared with the general Dutch population differ by hepatitis C virus and HIV infection status. Aids, 2014, 28, 2589-2599.	2.2	10
150	Enhancing Syndromic Surveillance With Online Respondent-Driven Detection. American Journal of Public Health, 2015, 105, e90-e97.	2.7	10
151	Disability weights for infectious diseases in four European countries: comparison between countries and across respondent characteristics. European Journal of Public Health, 2018, 28, 124-133.	0.3	10
152	A systematic knowledge synthesis on the spatial dimensions of Q fever epidemics. Zoonoses and Public Health, 2019, 66, 14-25.	2.2	10
153	Effects of Population Based Screening for Chlamydia Infections in The Netherlands Limited by Declining Participation Rates. PLoS ONE, 2013, 8, e58674.	2.5	10
154	A model for the co-evolution of dynamic social networks and infectious disease dynamics. Computational Social Networks, 2021, 8, 19.	2.1	10
155	Can HIV epidemics among IDUs â€˜triggerâ€™ a generalised epidemic?. International Journal of Drug Policy, 2003, 14, 99-102.	3.3	9
156	Applications and Recruitment Performance of Web-Based Respondent-Driven Sampling: Scoping Review. Journal of Medical Internet Research, 2021, 23, e17564.	4.3	9
157	Usefulness of primary care electronic networks to assess the incidence of chlamydia, diagnosed by general practitioners. BMC Family Practice, 2011, 12, 72.	2.9	8
158	Choosing pandemic parameters for pandemic preparedness planning: A comparison of pandemic scenarios prior to and following the influenza A(H1N1) 2009 pandemic. Health Policy, 2013, 109, 52-62.	3.0	8
159	An evidence synthesis approach to estimating the incidence of symptomatic pertussis infection in the Netherlands, 2005â€“2011. BMC Infectious Diseases, 2015, 15, 588.	2.9	8
160	Social networks in relation to self-reported symptomatic infections in individuals aged 40â€“75 - the Maastricht study â€“. BMC Infectious Diseases, 2018, 18, 300.	2.9	8
161	The impact of STI test results and face-to-face consultations on subsequent behavior and psychological characteristics. Preventive Medicine, 2020, 139, 106200.	3.4	8
162	Modelling pathogen spread in a healthcare network: Indirect patient movements. PLoS Computational Biology, 2020, 16, e1008442.	3.2	8

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163	Use of Mathematical Modeling to Inform Chlamydia Screening Policy Decisions. Journal of Infectious Diseases, 2009, 199, 767.2-768.	4.0	7
164	Gender asymmetry in concurrent partnerships and HIV prevalence. Epidemics, 2017, 19, 53-60.	3.0	7
165	Who drops out and when? Predictors of non-response and loss to follow-up in a longitudinal cohort study among STI clinic visitors. PLoS ONE, 2019, 14, e0218658.	2.5	7
166	Longitudinal Patterns of Sexually Transmitted Infection Risk Based on Psychological Characteristics and Sexual Behavior in Heterosexual Sexually Transmitted Infection Clinic Visitors. Sexually Transmitted Diseases, 2020, 47, 171-176.	1.7	7
167	Routes of transmission of VIM-positive Pseudomonas aeruginosa in the adult intensive care unit-analysis of 9Âyears of surveillance at a university hospital using a mathematical model. Antimicrobial Resistance and Infection Control, 2022, 11, 55.	4.1	7
168	Effects of an ageing population and the replacement of immune birth cohorts on the burden of hepatitis A in the Netherlands. BMC Infectious Diseases, 2013, 13, 120.	2.9	6
169	Treatment as prevention among injecting drug users; extrapolating from the Amsterdam cohort study. Aids, 2014, 28, 911-918.	2.2	6
170	Modelling the risk of transfusion transmission from travelling donors. BMC Infectious Diseases, 2016, 16, 143.	2.9	6
171	Double trouble: modelling the impact of low risk perception and high-risk sexual behaviour on chlamydia transmission. Journal of the Royal Society Interface, 2018, 15, 20170847.	3.4	6
172	Study protocol of the iMPaCT project: a longitudinal cohort study assessing psychological determinants, sexual behaviour and chlamydia (re)infections in heterosexual STI clinic visitors. BMC Infectious Diseases, 2018, 18, 559.	2.9	6
173	Impact of sexual trajectories of men who have sex with men on the reduction in HIV transmission by pre-exposure prophylaxis. Epidemics, 2019, 28, 100337.	3.0	6
174	A network modelling approach for assessing the efficiency of prevention strategies. Journal of Mathematical Sociology, 1995, 20, 351-374.	1.2	5
175	Hepatitis C Among Injecting Drug Users Is Two Times Higher in Stockholm, Sweden than in Rotterdam, the Netherlands. Substance Use and Misuse, 2013, 48, 1469-1474.	1.4	5
176	Roundtable discussion: how lessons learned from HIV can inform the global response to viral hepatitis. BMC Infectious Diseases, 2014, 14, S18.	2.9	5
177	A Multidimensional Approach to Assessing Infectious Disease Risk: Identifying Risk Classes Based on Psychological Characteristics. American Journal of Epidemiology, 2019, 188, 1705-1712.	3.4	5
178	Forward thinking on backward tracing. Nature Physics, 2021, 17, 555-556.	16.7	5
179	The perceived impact of an HIV cure by people living with HIV and key populations vulnerable to HIV in the Netherlands: A qualitative study. Journal of Virus Eradication, 2022, 8, 100066.	0.5	5
180	Social Networking Sites as a Tool for Contact Tracing: Urge for Ethical Framework for Normative Guidance. Public Health Ethics, 2014, 7, 57-60.	1.0	4

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181	Spatial Prediction of Coxiella burnetii Outbreak Exposure via Notified Case Counts in a Doseâ€“Response Model. Epidemiology, 2017, 28, 127-135.	2.7	4
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