

# Jacco Wallinga

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

155  
papers

10,497  
citations

44  
h-index

101  
g-index

172  
ext. papers

12,834  
ext. citations

6.2  
avg, IF

6.88  
L-index

#	Paper	IF	Citations
155	Shorter serial intervals in SARS-CoV-2 cases with Omicron BA.1 variant compared with Delta variant, the Netherlands, 13 to 26 December 2021.. <i>Eurosurveillance</i> , <b>2022</b> , 27,	19.8	13
154	Offering a choice of daily and event-driven preexposure prophylaxis for men who have sex with men in the Netherlands: a cost-effectiveness analysis. <i>Aids</i> , <b>2021</b> , 35, 1677-1682	3.5	0
153	Estimating the asymptomatic proportion of SARS-CoV-2 infection in the general population: Analysis of nationwide serosurvey data in the Netherlands. <i>European Journal of Epidemiology</i> , <b>2021</b> , 36, 735-739	12.1	1
152	Blood RNA signature RISK4LEP predicts leprosy years before clinical onset. <i>EBioMedicine</i> , <b>2021</b> , 68, 10338.8	37.9	5
151	Impact of physical distancing measures against COVID-19 on contacts and mixing patterns: repeated cross-sectional surveys, the Netherlands, 2016-17, April 2020 and June 2020. <i>Eurosurveillance</i> , <b>2021</b> , 26,	19.8	24
150	SOCRATES-CoMix: a platform for timely and open-source contact mixing data during and in between COVID-19 surges and interventions in over 20 European countries. <i>BMC Medicine</i> , <b>2021</b> , 19, 254	11.4	5
149	Delayed rabies post-exposure prophylaxis treatment among Dutch travellers during their stay abroad: a comprehensive analysis. <i>Journal of Travel Medicine</i> , <b>2021</b> , 28,	12.9	2
148	Optimal vaccine allocation for COVID-19 in the Netherlands: A data-driven prioritization.. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009697	5	0
147	Testing behaviour and positivity for SARS-CoV-2 infection: insights from web-based participatory surveillance in the Netherlands.. <i>BMJ Open</i> , <b>2021</b> , 11, e056077	3	0
146	Determination of the time-dependent association between ciprofloxacin consumption and ciprofloxacin resistance using a weighted cumulative exposure model compared with standard models. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2020</b> , 75, 2326-2333	5.1	
145	Vaccinating children against influenza: overall cost-effective with potential for undesirable outcomes. <i>BMC Medicine</i> , <b>2020</b> , 18, 11	11.4	5
144	Practical considerations for measuring the effective reproductive number, Rt. <i>PLoS Computational Biology</i> , <b>2020</b> , 16, e1008409	5	140
143	Estimating the generation interval for coronavirus disease (COVID-19) based on symptom onset data, March 2020. <i>Eurosurveillance</i> , <b>2020</b> , 25,	19.8	313
142	AuthorsResponse: Estimating the generation interval for COVID-19 based on symptom onset data. <i>Eurosurveillance</i> , <b>2020</b> , 25,	19.8	34
141	Incubation period of 2019 novel coronavirus (2019-nCoV) infections among travellers from Wuhan, China, 20-28 January 2020. <i>Eurosurveillance</i> , <b>2020</b> , 25,	19.8	944
140	Evidence for transmission of COVID-19 prior to symptom onset. <i>ELife</i> , <b>2020</b> , 9,	8.9	155
139	Author response: Evidence for transmission of COVID-19 prior to symptom onset <b>2020</b> ,		2

138	Practical considerations for measuring the effective reproductive number, <b>2020</b> ,		46
137	Preexposure prophylaxis for men who have sex with men in the Netherlands: impact on HIV and <i>Neisseria gonorrhoeae</i> transmission and cost-effectiveness. <i>Aids</i> , <b>2020</b> , 34, 621-630	3.5	4
136	Impact of frequent testing on the transmission of HIV and among men who have sex with men: a mathematical modelling study. <i>Sexually Transmitted Infections</i> , <b>2020</b> , 96, 361-367	2.8	2
135	Preferential differences in vaccination decision-making for oneself or one's child in The Netherlands: a discrete choice experiment. <i>BMC Public Health</i> , <b>2020</b> , 20, 828	4.1	10
134	Trends in governmental expenditure on vaccination programmes in the Netherlands, a historical analysis. <i>Vaccine</i> , <b>2019</b> , 37, 5698-5707	4.1	1
133	Radiological Signs of Latent Tuberculosis on Chest Radiography: A Systematic Review and Meta-Analysis. <i>Open Forum Infectious Diseases</i> , <b>2019</b> , 6,	1	5
132	Capturing multiple-type interactions into practical predictors of type replacement following human papillomavirus vaccination. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 374, 20180298	5.8	4
131	Design and Analysis of Social Contact Surveys Relevant for the Spread of Infectious Diseases <b>2019</b> , 1-15		7
130	Visual tools to assess the plausibility of algorithm-identified infectious disease clusters: an application to mumps data from the Netherlands dating from January 2009 to June 2016. <i>Eurosurveillance</i> , <b>2019</b> , 24,	19.8	1
129	Cost-effectiveness of increased HIV testing among MSM in The Netherlands. <i>Aids</i> , <b>2019</b> , 33, 1807-1817	3.5	2
128	A Systematic Review of Social Contact Surveys to Inform Transmission Models of Close-contact Infections. <i>Epidemiology</i> , <b>2019</b> , 30, 723-736	3.1	77
127	Nowcasting the Number of New Symptomatic Cases During Infectious Disease Outbreaks Using Constrained P-spline Smoothing. <i>Epidemiology</i> , <b>2019</b> , 30, 737-745	3.1	25
126	The Reduction of Measles Transmission During School Vacations. <i>Epidemiology</i> , <b>2018</b> , 29, 562-570	3.1	4
125	Years of Life Lost Due to Influenza-Attributable Mortality in Older Adults in the Netherlands: A Competing-Risks Approach. <i>American Journal of Epidemiology</i> , <b>2018</b> , 187, 1791-1798	3.8	6
124	Dose-Optimal Vaccine Allocation over Multiple Populations. <i>Production and Operations Management</i> , <b>2018</b> , 27, 143-159	3.6	30
123	Benefits and Challenges in Using Seroprevalence Data to Inform Models for Measles and Rubella Elimination. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 218, 355-364	7	31
122	Real-time Estimation of Epidemiologic Parameters from Contact Tracing Data During an Emerging Infectious Disease Outbreak. <i>Epidemiology</i> , <b>2018</b> , 29, 230-236	3.1	8
121	Estimating the Population-Level Effectiveness of Vaccination Programs in the Netherlands. <i>Epidemiology</i> , <b>2018</b> , 29, 215-223	3.1	3

120	Echovirus type 6 transmission clusters and the role of environmental surveillance in early warning, the Netherlands, 2007 to 2016. <i>Eurosurveillance</i> , <b>2018</b> , 23,	19.8	4
119	968. Managing Invasive Aspergillosis in the Era of Diagnostic PCR and Increasing Triazole Resistance: A Modeling Study of Different Strategies. <i>Open Forum Infectious Diseases</i> , <b>2018</b> , 5, S36-S37	1	78
118	Metropolitan versus small-town influenza. <i>Science</i> , <b>2018</b> , 362, 29-30	33.3	1
117	Influenza vaccination in patients with lung cancer receiving anti-programmed death receptor 1 immunotherapy does not induce immune-related adverse events. <i>European Journal of Cancer</i> , <b>2018</b> , 104, 182-187	7.5	38
116	Inferring Pathogen Type Interactions Using Cross-sectional Prevalence Data: Opportunities and Pitfalls for Predicting Type Replacement. <i>Epidemiology</i> , <b>2018</b> , 29, 666-674	3.1	7
115	Mumps transmission in social networks: a cohort study. <i>BMC Infectious Diseases</i> , <b>2017</b> , 17, 56	4	6
114	Efficient estimation of age-specific social contact rates between men and women. <i>Annals of Applied Statistics</i> , <b>2017</b> , 11,	2.1	23
113	An Evidence Synthesis Approach to Estimating the Proportion of Influenza Among Influenza-like Illness Patients. <i>Epidemiology</i> , <b>2017</b> , 28, 484-491	3.1	6
112	Population effect of influenza vaccination under co-circulation of non-vaccine variants and the case for a bivalent A/H3N2 vaccine component. <i>Epidemics</i> , <b>2017</b> , 19, 74-82	5.1	3
111	Variation in loss of immunity shapes influenza epidemics and the impact of vaccination. <i>BMC Infectious Diseases</i> , <b>2017</b> , 17, 632	4	14
110	Dot map cartograms for detection of infectious disease outbreaks: an application to Q fever, the Netherlands and pertussis, Germany. <i>Eurosurveillance</i> , <b>2017</b> , 22,	19.8	12
109	Large measles epidemic in the Netherlands, May 2013 to March 2014: changing epidemiology. <i>Eurosurveillance</i> , <b>2017</b> , 22,	19.8	43
108	Simultaneous inference of phylogenetic and transmission trees in infectious disease outbreaks. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005495	5	55
107	Inferring R0 in emerging epidemics-the effect of common population structure is small. <i>Journal of the Royal Society Interface</i> , <b>2016</b> , 13,	4.1	23
106	The most efficient critical vaccination coverage and its equivalence with maximizing the herd effect. <i>Mathematical Biosciences</i> , <b>2016</b> , 282, 68-81	3.9	11
105	The impact of individual-level heterogeneity on estimated infectious disease burden: a simulation study. <i>Population Health Metrics</i> , <b>2016</b> , 14, 47	3	3
104	Cost-Effectiveness of Dual Antimicrobial Therapy for Gonococcal Infections Among Men Who Have Sex With Men in the Netherlands. <i>Sexually Transmitted Diseases</i> , <b>2016</b> , 43, 542-8	2.4	3
103	End TB strategy: the need to reduce risk inequalities. <i>BMC Infectious Diseases</i> , <b>2016</b> , 16, 132	4	13

102	Monitoring the spread of meticillin-resistant <i>Staphylococcus aureus</i> in The Netherlands from a reference laboratory perspective. <i>Journal of Hospital Infection</i> , <b>2016</b> , 93, 366-74	6.9	8
101	The impact of national vaccination policy changes on influenza incidence in the Netherlands. <i>Influenza and Other Respiratory Viruses</i> , <b>2016</b> , 10, 76-85	5.6	5
100	Effect of vaccination programmes on mortality burden among children and young adults in the Netherlands during the 20th century: a historical analysis. <i>Lancet Infectious Diseases</i> , <b>2016</b> , 16, 592-598	35.5	43
99	Spatiotemporal Analysis of the 2014 Ebola Epidemic in West Africa. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1005210	5	26
98	Disease Burden of 32 Infectious Diseases in the Netherlands, 2007-2011. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153106	3.7	50
97	The Role of Nursing Homes in the Spread of Antimicrobial Resistance Over the Healthcare Network. <i>Infection Control and Hospital Epidemiology</i> , <b>2016</b> , 37, 761-7	2	41
96	Public health measures to control the spread of antimicrobial resistance in <i>Neisseria gonorrhoeae</i> in men who have sex with men. <i>Epidemiology and Infection</i> , <b>2015</b> , 143, 1575-84	4.3	20
95	Joint modelling of serological and hospitalization data reveals that high levels of pre-existing immunity and school holidays shaped the influenza A pandemic of 2009 in the Netherlands. <i>Journal of the Royal Society Interface</i> , <b>2015</b> , 12,	4.1	21
94	Estimating seroprevalence of human papillomavirus type 16 using a mixture model with smoothed age-dependent mixing proportions. <i>Epidemiology</i> , <b>2015</b> , 26, 8-16	3.1	9
93	On the relative role of different age groups in influenza epidemics. <i>Epidemics</i> , <b>2015</b> , 13, 10-16	5.1	71
92	Direct benefit of vaccinating boys along with girls against oncogenic human papillomavirus: bayesian evidence synthesis. <i>BMJ</i> , <b>2015</b> , 350, h2016	5.9	58
91	Distribution of Health Effects and Cost-effectiveness of Varicella Vaccination are Shaped by the Impact on Herpes Zoster. <i>EBioMedicine</i> , <b>2015</b> , 2, 1494-9	8.8	19
90	OutbreakTools: a new platform for disease outbreak analysis using the R software. <i>Epidemics</i> , <b>2014</b> , 7, 28-34	5.1	32
89	Discrimination of influenza infection (A/2009 H1N1) from prior exposure by antibody protein microarray analysis. <i>PLoS ONE</i> , <b>2014</b> , 9, e113021	3.7	18
88	Serial intervals of respiratory infectious diseases: a systematic review and analysis. <i>American Journal of Epidemiology</i> , <b>2014</b> , 180, 865-75	3.8	115
87	Utilizing syndromic surveillance data for estimating levels of influenza circulation. <i>American Journal of Epidemiology</i> , <b>2014</b> , 179, 1394-401	3.8	20
86	Dispersal of antibiotic-resistant high-risk clones by hospital networks: changing the patient direction can make all the difference. <i>Journal of Hospital Infection</i> , <b>2014</b> , 86, 34-41	6.9	25
85	Estimation of the serial interval of pertussis in Dutch households. <i>Epidemics</i> , <b>2014</b> , 7, 1-6	5.1	5

84	Varicella zoster virus infection occurs at a relatively young age in The Netherlands. <i>Vaccine</i> , <b>2013</b> , 31, 5127-33	4.1	30
83	Modelling the impact of chlamydia screening on the transmission of HIV among men who have sex with men. <i>BMC Infectious Diseases</i> , <b>2013</b> , 13, 436	4	23
82	The 2009 influenza A (H1N1) pandemic. Management and vaccination strategies in The Netherlands. <i>Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz</i> , <b>2013</b> , 56, 67-75	7.5	3
81	Waning of maternal antibodies against measles, mumps, rubella, and varicella in communities with contrasting vaccination coverage. <i>Journal of Infectious Diseases</i> , <b>2013</b> , 208, 10-6	7	93
80	Estimation of vaccine efficacy and critical vaccination coverage in partially observed outbreaks. <i>PLoS Computational Biology</i> , <b>2013</b> , 9, e1003061	5	13
79	Estimating the generation interval of influenza A (H1N1) in a range of social settings. <i>Epidemiology</i> , <b>2013</b> , 24, 244-50	3.1	16
78	A sign of superspreading in tuberculosis: highly skewed distribution of genotypic cluster sizes. <i>Epidemiology</i> , <b>2013</b> , 24, 395-400	3.1	43
77	Relating phylogenetic trees to transmission trees of infectious disease outbreaks. <i>Genetics</i> , <b>2013</b> , 195, 1055-62	4	104
76	Genetic data provide evidence for wind-mediated transmission of highly pathogenic avian influenza. <i>Journal of Infectious Diseases</i> , <b>2013</b> , 207, 730-5	7	44
75	Driving factors of influenza transmission in the Netherlands. <i>American Journal of Epidemiology</i> , <b>2013</b> , 178, 1469-77	3.8	50
74	Finding evidence for local transmission of contagious disease in molecular epidemiological datasets. <i>PLoS ONE</i> , <b>2013</b> , 8, e69875	3.7	11
73	Assessing potential introduction of universal or targeted hepatitis A vaccination in the Netherlands. <i>Vaccine</i> , <b>2012</b> , 30, 5199-205	4.1	5
72	Estimated global mortality associated with the first 12 months of 2009 pandemic influenza A H1N1 virus circulation: a modelling study. <i>Lancet Infectious Diseases</i> , <b>2012</b> , 12, 687-95	25.5	850
71	Hospital networks and the dispersal of hospital-acquired pathogens by patient transfer. <i>PLoS ONE</i> , <b>2012</b> , 7, e35002	3.7	74
70	Multivariate approach for studying interactions between environmental variables and microbial communities. <i>PLoS ONE</i> , <b>2012</b> , 7, e50267	3.7	19
69	Quantifying transmission of norovirus during an outbreak. <i>Epidemiology</i> , <b>2012</b> , 23, 277-84	3.1	24
68	Vaccine allocation in a declining epidemic. <i>Journal of the Royal Society Interface</i> , <b>2012</b> , 9, 2798-803	4.1	9
67	Unravelling transmission trees of infectious diseases by combining genetic and epidemiological data. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2012</b> , 279, 444-50	4.4	102

66	Cost effectiveness of vaccination against pandemic influenza in European countries: mathematical modelling analysis. <i>BMJ, The</i> , <b>2012</b> , 345, e4445	5.9	24
65	Robust reconstruction and analysis of outbreak data: influenza A(H1N1)v transmission in a school-based population. <i>American Journal of Epidemiology</i> , <b>2012</b> , 176, 196-203	3.8	35
64	Tuberculosis seasonality in the Netherlands differs between natives and non-natives: a role for vitamin D deficiency?. <i>International Journal of Tuberculosis and Lung Disease</i> , <b>2012</b> , 16, 639-44	2.1	24
63	Different transmission patterns in the early stages of the influenza A(H1N1)v pandemic: a comparative analysis of 12 European countries. <i>Epidemics</i> , <b>2011</b> , 3, 125-33	5.1	34
62	Long-term impact of human papillomavirus vaccination on infection rates, cervical abnormalities, and cancer incidence. <i>Epidemiology</i> , <b>2011</b> , 22, 505-15	3.1	52
61	Nowcasting pandemic influenza A/H1N1 2009 hospitalizations in the Netherlands. <i>European Journal of Epidemiology</i> , <b>2011</b> , 26, 195-201	12.1	24
60	Age-dependent patterns of infection and severity explaining the low impact of 2009 influenza A (H1N1): evidence from serial serologic surveys in the Netherlands. <i>American Journal of Epidemiology</i> , <b>2011</b> , 174, 1307-15	3.8	39
59	Sex-specific immunization for sexually transmitted infections such as human papillomavirus: insights from mathematical models. <i>PLoS Medicine</i> , <b>2011</b> , 8, e1001147	11.6	43
58	Transmission of novel influenza A(H1N1) in households with post-exposure antiviral prophylaxis. <i>PLoS ONE</i> , <b>2010</b> , 5, e11442	3.7	28
57	Estimation of measles vaccine efficacy and critical vaccination coverage in a highly vaccinated population. <i>Journal of the Royal Society Interface</i> , <b>2010</b> , 7, 1537-44	4.1	44
56	The ideal reporting interval for an epidemic to objectively interpret the epidemiological time course. <i>Journal of the Royal Society Interface</i> , <b>2010</b> , 7, 297-307	4.1	44
55	Distribution of vaccine/antivirals and the least spread line on a stratified population. <i>Journal of the Royal Society Interface</i> , <b>2010</b> , 7, 755-64	4.1	37
54	Model-based estimation of viral transmissibility and infection-induced resistance from the age-dependent prevalence of infection for 14 high-risk types of human papillomavirus. <i>American Journal of Epidemiology</i> , <b>2010</b> , 171, 817-25	3.8	55
53	Optimizing infectious disease interventions during an emerging epidemic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 923-8	11.5	122
52	Patient referral patterns and the spread of hospital-acquired infections through national health care networks. <i>PLoS Computational Biology</i> , <b>2010</b> , 6, e1000715	5	81
51	Studies needed to address public health challenges of the 2009 H1N1 influenza pandemic: insights from modeling. <i>PLoS Medicine</i> , <b>2010</b> , 7, e1000275	11.6	69
50	Dynamic versus static models in cost-effectiveness analyses of anti-viral drug therapy to mitigate an influenza pandemic. <i>Health Economics (United Kingdom)</i> , <b>2010</b> , 19, 518-31	2.4	37
49	The effect of mask use on the spread of influenza during a pandemic. <i>Risk Analysis</i> , <b>2010</b> , 30, 1210-8	3.9	74

48	A model-based assessment of oseltamivir prophylaxis strategies to prevent influenza in nursing homes. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 1547-55	10.2	13
47	How hepatitis D virus can hinder the control of hepatitis B virus. <i>PLoS ONE</i> , <b>2009</b> , 4, e5247	3.7	16
46	Van Ballegooijen et al. Respond to "Evaluating Vaccination Programs Using Genetic Sequence Data". <i>American Journal of Epidemiology</i> , <b>2009</b> , 170, 1467-1468	3.8	1
45	Molecular sequence data of hepatitis B virus and genetic diversity after vaccination. <i>American Journal of Epidemiology</i> , <b>2009</b> , 170, 1455-63	3.8	18
44	Measures of disassortativeness and their application to directly transmitted infections. <i>Biometrical Journal</i> , <b>2009</b> , 51, 387-407	1.5	10
43	Estimation of the reproductive number and the serial interval in early phase of the 2009 influenza A/H1N1 pandemic in the USA. <i>Influenza and Other Respiratory Viruses</i> , <b>2009</b> , 3, 267-76	5.6	182
42	Modeling the effects of influenza vaccination of health care workers in hospital departments. <i>Vaccine</i> , <b>2009</b> , 27, 6261-7	4.1	52
41	Reproductive numbers, epidemic spread and control in a community of households. <i>Mathematical Biosciences</i> , <b>2009</b> , 221, 11-25	3.9	40
40	Mathematical Models in Infectious Disease Epidemiology <b>2009</b> , 209-221		15
39	Targeted BCG vaccination against severe tuberculosis in low-prevalence settings: epidemiologic and economic assessment. <i>Epidemiology</i> , <b>2009</b> , 20, 562-8	3.1	7
38	Hepatitis B vaccination and changes in sexual risk behaviour among men who have sex with men in Amsterdam. <i>Epidemiology and Infection</i> , <b>2009</b> , 137, 504-12	4.3	9
37	Enhanced hygiene measures and norovirus transmission during an outbreak. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 24-30	10.2	61
36	Use of cumulative incidence of novel influenza A/H1N1 in foreign travelers to estimate lower bounds on cumulative incidence in Mexico. <i>PLoS ONE</i> , <b>2009</b> , 4, e6895	3.7	27
35	A simple explanation for the low impact of border control as a countermeasure to the spread of an infectious disease. <i>Mathematical Biosciences</i> , <b>2008</b> , 214, 70-2	3.9	48
34	Rate-difference method proved satisfactory in estimating the influenza burden in primary care visits. <i>Journal of Clinical Epidemiology</i> , <b>2008</b> , 61, 803-12	5.7	14
33	Sudden deaths following influenza vaccination: can this be expected?. <i>Vaccine</i> , <b>2008</b> , 26, 379-82	4.1	2
32	Optimal allocation of pandemic influenza vaccine depends on age, risk and timing. <i>Vaccine</i> , <b>2008</b> , 26, 3742-9	4.1	73
31	Symptoms of influenza virus infection in hospitalized patients. <i>Infection Control and Hospital Epidemiology</i> , <b>2008</b> , 29, 314-9	2	40



30	Social contacts and mixing patterns relevant to the spread of infectious diseases. <i>PLoS Medicine</i> , <b>2008</b> , 5, e74	11.6	1765
29	The effects of influenza vaccination of health care workers in nursing homes: insights from a mathematical model. <i>PLoS Medicine</i> , <b>2008</b> , 5, e200	11.6	72
28	How generation intervals shape the relationship between growth rates and reproductive numbers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 274, 599-604	4.4	772
27	Frequency of adverse events after vaccination with different vaccinia strains. <i>PLoS Medicine</i> , <b>2006</b> , 3, e272	11.6	49
26	Using data on social contacts to estimate age-specific transmission parameters for respiratory-spread infectious agents. <i>American Journal of Epidemiology</i> , <b>2006</b> , 164, 936-44	3.8	458
25	Mixing patterns and the spread of close-contact infectious diseases. <i>Emerging Themes in Epidemiology</i> , <b>2006</b> , 3, 10	3.9	89
24	A measles epidemic threshold in a highly vaccinated population. <i>PLoS Medicine</i> , <b>2005</b> , 2, e316	11.6	54
23	Ring vaccination and smallpox control. <i>Emerging Infectious Diseases</i> , <b>2004</b> , 10, 832-41	10.2	85
22	Invited commentary: real-time tracking of control measures for emerging infections. <i>American Journal of Epidemiology</i> , <b>2004</b> , 160, 517-9; discussion 520	3.8	15
21	Different epidemic curves for severe acute respiratory syndrome reveal similar impacts of control measures. <i>American Journal of Epidemiology</i> , <b>2004</b> , 160, 509-16	3.8	733
20	Are the spatial patterns of weeds scale-invariant?. <i>Oikos</i> , <b>2004</b> , 107, 251-264	4	20
19	Options for improvement of the Dutch measles vaccination schedule. <i>Vaccine</i> , <b>2003</b> , 21, 721-4	4.1	2
18	Reconstruction of measles dynamics in a vaccinated population. <i>Vaccine</i> , <b>2003</b> , 21, 2643-50	4.1	23
17	Patterns of spread of annual weeds. <i>Basic and Applied Ecology</i> , <b>2002</b> , 3, 31-38	3.2	18
16	Protecting the vaccinating population in the face of a measles epidemic: assessing the impact of adjusted vaccination schedules. <i>Epidemiology and Infection</i> , <b>2002</b> , 128, 47-57	4.3	13
15	Estimation of measles reproduction ratios and prospects for elimination of measles by vaccination in some Western European countries. <i>Epidemiology and Infection</i> , <b>2001</b> , 127, 281-95	4.3	53
14	Prediction of weed density: the increase of error with prediction interval, and the use of long-term prediction for weed management. <i>Journal of Applied Ecology</i> , <b>1999</b> , 36, 307-316	5.8	8
13	Perspective: human contact patterns and the spread of airborne infectious diseases. <i>Trends in Microbiology</i> , <b>1999</b> , 7, 372-7	12.4	99

12	Measures that describe weed spatial patterns at different levels of resolution and their applications for patch spraying of weeds. <i>Weed Research</i> , <b>1998</b> , 38, 351-359	1.9	32
11	Analysis of the rational long-term herbicide use: Evidence for herbicide efficacy and critical weed kill rate as key factors. <i>Agricultural Systems</i> , <b>1998</b> , 56, 323-340	6.1	6
10	Level of threshold weed density does not affect the long-term frequency of weed control. <i>Crop Protection</i> , <b>1997</b> , 16, 273-278	2.7	23
9	The Role of Space in Plant Population Dynamics: Annual Weeds as an Example. <i>Oikos</i> , <b>1995</b> , 74, 377	4	31
8	A two parameter model for prediction of crop loss by weed competition from early observations of relative leaf area of the weeds. <i>Annals of Applied Biology</i> , <b>1995</b> , 126, 329-346	2.6	50
7	Techniques to estimate relative leaf area and cover of weeds in crops for yield loss prediction. <i>Weed Research</i> , <b>1994</b> , 34, 167-175	1.9	35
6	Shorter serial intervals in SARS-CoV-2 cases with Omicron BA.1 variant compared to Delta variant in the Netherlands, 13 D26 December 2021		1
5	New method to reconstruct phylogenetic and transmission trees with sequence data from infectious disease outbreaks		3
4	Transmission interval estimates suggest pre-symptomatic spread of COVID-19		110
3	The impact of physical distancing measures against COVID-19 transmission on contacts and mixing patterns in the Netherlands: repeated cross-sectional surveys in 2016/2017, April 2020 and June 2020		15
2	Implications of the school-household network structure on SARS-CoV-2 transmission under different school reopening strategies in England		9
1	A systematic review of social contact surveys to inform transmission models of close contact infections		2