

Niel Hens

List of Publications by Year in descending order

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Version: 2024-02-01

309
papers

12,071
citations

43973

48
h-index

45213

90
g-index

359
all docs

359
docs citations

359
times ranked

14338
citing authors

#	ARTICLE	IF	CITATIONS
1	Social Contacts and Mixing Patterns Relevant to the Spread of Infectious Diseases. <i>PLoS Medicine</i> , 2008, 5, e74.	3.9	2,355
2	Estimating the generation interval for coronavirus disease (COVID-19) based on symptom onset data, March 2020. <i>Eurosurveillance</i> , 2020, 25, .	3.9	471
3	Differences in gut microbiota composition between obese and lean children: a cross-sectional study. <i>Gut Pathogens</i> , 2013, 5, 10.	1.6	351
4	Dynamic Epidemiological Models for Dengue Transmission: A Systematic Review of Structural Approaches. <i>PLoS ONE</i> , 2012, 7, e49085.	1.1	241
5	Early waning of maternal measles antibodies in era of measles elimination: longitudinal study. <i>BMJ: British Medical Journal</i> , 2010, 340, c1626-c1626.	2.4	212
6	Time between Symptom Onset, Hospitalisation and Recovery or Death: Statistical Analysis of Belgian COVID-19 Patients. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7560.	1.2	189
7	Estimating the impact of school closure on social mixing behaviour and the transmission of close contact infections in eight European countries. <i>BMC Infectious Diseases</i> , 2009, 9, 187.	1.3	182
8	European Surveillance of Antimicrobial Consumption (ESAC): outpatient antibiotic use in Europe (1997-2009). <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, vi3-vi12.	1.3	173
9	The French Connection: The First Large Population-Based Contact Survey in France Relevant for the Spread of Infectious Diseases. <i>PLoS ONE</i> , 2015, 10, e0133203.	1.1	165
10	A Systematic Review of Social Contact Surveys to Inform Transmission Models of Close-contact Infections. <i>Epidemiology</i> , 2019, 30, 723-736.	1.2	159
11	Pertussis vaccination during pregnancy in Belgium: Results of a prospective controlled cohort study. <i>Vaccine</i> , 2016, 34, 142-150.	1.7	147
12	Medium-Term Effectiveness of a Comprehensive Internet-Based and Patient-Specific Telerehabilitation Program With Text Messaging Support for Cardiac Patients: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2015, 17, e185.	2.1	140
13	Social Contact Patterns in Vietnam and Implications for the Control of Infectious Diseases. <i>PLoS ONE</i> , 2011, 6, e16965.	1.1	135
14	Lessons from a decade of individual-based models for infectious disease transmission: a systematic review (2006-2015). <i>BMC Infectious Diseases</i> , 2017, 17, 612.	1.3	118
15	Parvovirus B19 infection in five European countries: seroepidemiology, force of infection and maternal risk of infection. <i>Epidemiology and Infection</i> , 2008, 136, 1059-1068.	1.0	109
16	Pertussis vaccination during pregnancy in Vietnam: Results of a randomized controlled trial Pertussis vaccination during pregnancy. <i>Vaccine</i> , 2016, 34, 151-159.	1.7	107
17	Seventy-five years of estimating the force of infection from current status data. <i>Epidemiology and Infection</i> , 2010, 138, 802-812.	1.0	100
18	The Impact of Illness on Social Networks: Implications for Transmission and Control of Influenza. <i>American Journal of Epidemiology</i> , 2013, 178, 1655-1662.	1.6	100

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19	Effect of comprehensive cardiac telerehabilitation on one-year cardiovascular rehospitalization rate, medical costs and quality of life: A cost-effectiveness analysis. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 674-682.	0.8	99
20	Mining social mixing patterns for infectious disease models based on a two-day population survey in Belgium. <i>BMC Infectious Diseases</i> , 2009, 9, 5.	1.3	95
21	Efficacy of daily intake of <i>Lactobacillus casei</i> Shirota on respiratory symptoms and influenza vaccination immune response: a randomized, double-blind, placebo-controlled trial in healthy elderly nursing home residents. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 1165-1171.	2.2	95
22	CoMix: comparing mixing patterns in the Belgian population during and after lockdown. <i>Scientific Reports</i> , 2020, 10, 21885.	1.6	91
23	Modeling Infectious Disease Parameters Based on Serological and Social Contact Data. <i>Statistics in the Health Sciences</i> , 2012, , .	0.2	90
24	The impact of regular school closure on seasonal influenza epidemics: a data-driven spatial transmission model for Belgium. <i>BMC Infectious Diseases</i> , 2018, 18, 29.	1.3	90
25	The impact of contact tracing and household bubbles on deconfinement strategies for COVID-19. <i>Nature Communications</i> , 2021, 12, 1524.	5.8	87
26	Effect of a Prepregnancy Pertussis Booster Dose on Maternal Antibody Titers in Young Infants. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, 608-610.	1.1	85
27	A Nice Day for an Infection? Weather Conditions and Social Contact Patterns Relevant to Influenza Transmission. <i>PLoS ONE</i> , 2012, 7, e48695.	1.1	83
28	Estimating Infectious Disease Parameters from Data on Social Contacts and Serological Status. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2010, 59, 255-277.	0.5	82
29	European Surveillance of Antimicrobial Consumption (ESAC): outpatient quinolone use in Europe (1997-2009). <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, vi47-vi56.	1.3	81
30	A Household-Based Study of Contact Networks Relevant for the Spread of Infectious Diseases in the Highlands of Peru. <i>PLoS ONE</i> , 2015, 10, e0118457.	1.1	78
31	Pertussis vaccination during pregnancy in Belgium: Follow-up of infants until 1 month after the fourth infant pertussis vaccination at 15 months of age. <i>Vaccine</i> , 2016, 34, 3613-3619.	1.7	74
32	Calling for pan-European commitment for rapid and sustained reduction in SARS-CoV-2 infections. <i>Lancet</i> , The, 2021, 397, 92-93.	6.3	71
33	Kinetics of maternal antibodies against rubella and varicella in infants. <i>Vaccine</i> , 2011, 29, 2222-2226.	1.7	70
34	Using empirical social contact data to model person to person infectious disease transmission: An illustration for varicella. <i>Mathematical Biosciences</i> , 2009, 218, 80-87.	0.9	68
35	Prognostic and predictive aspects of the tumor immune microenvironment and immune checkpoints in malignant pleural mesothelioma. <i>Oncolmmunology</i> , 2017, 6, e1261241.	2.1	67
36	Living on Three Time Scales: The Dynamics of Plasma Cell and Antibody Populations Illustrated for Hepatitis A Virus. <i>PLoS Computational Biology</i> , 2012, 8, e1002418.	1.5	66

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37	A systematic review of varicella seroprevalence in European countries before universal childhood immunization: deriving incidence from seroprevalence data. <i>Epidemiology and Infection</i> , 2017, 145, 2666-2677.	1.0	66
38	Long-term antibody persistence after vaccination with a 2-dose Havrix [®] , [†] (inactivated hepatitis A) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.7	65
39	Evaluating audio computer assisted self-interviews in urban south African communities: evidence for good suitability and reduced social desirability bias of a cross-sectional survey on sexual behaviour. <i>BMC Medical Research Methodology</i> , 2013, 13, 11.	1.4	63
40	Infant vaccination coverage in 2005 and predictive factors for complete or valid vaccination in Flanders, Belgium: an EPI-survey. <i>Vaccine</i> , 2007, 25, 4940-4948.	1.7	62
41	Modelling the impact of local reactive school closures on critical care provision during an influenza pandemic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2753-2760.	1.2	62
42	Model based estimates of long-term persistence of inactivated hepatitis A vaccine-induced antibodies in adults. <i>Vaccine</i> , 2014, 32, 1507-1513.	1.7	62
43	Timeliness of infant vaccination and factors related with delay in Flanders, Belgium. <i>Vaccine</i> , 2014, 32, 284-289.	1.7	62
44	The Effect of Maternal Pertussis Immunization on Infant Vaccine Responses to a Booster Pertussis-Containing Vaccine in Vietnam. <i>Clinical Infectious Diseases</i> , 2016, 63, S197-S204.	2.9	60
45	Classification trees versus multinomial models in the analysis of urban farming systems in Central Africa. <i>Agricultural Systems</i> , 2004, 80, 133-149.	3.2	59
46	SOCRATES: an online tool leveraging a social contact data sharing initiative to assess mitigation strategies for COVID-19. <i>BMC Research Notes</i> , 2020, 13, 293.	0.6	59
47	Model selection for incomplete and design-based samples. <i>Statistics in Medicine</i> , 2006, 25, 2502-2520.	0.8	56
48	Modelling the early phase of the Belgian COVID-19 epidemic using a stochastic compartmental model and studying its implied future trajectories. <i>Epidemics</i> , 2021, 35, 100449.	1.5	55
49	Determinants of between-country differences in ambulatory antibiotic use and antibiotic resistance in Europe: a longitudinal observational study. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 535-547.	1.3	54
50	The nature of sensitivity in monotone missing not at random models. <i>Computational Statistics and Data Analysis</i> , 2006, 50, 830-858.	0.7	53
51	Interleukin-13 immune gene therapy prevents CNS inflammation and demyelination via alternative activation of microglia and macrophages. <i>Glia</i> , 2016, 64, 2181-2200.	2.5	53
52	Estimation of the burden of varicella in Europe before the introduction of universal childhood immunization. <i>BMC Infectious Diseases</i> , 2017, 17, 353.	1.3	53
53	Authors'™ response: Estimating the generation interval for COVID-19 based on symptom onset data. <i>Eurosurveillance</i> , 2020, 25, .	3.9	52
54	Are we hitting immunity targets? The 2006 age-specific seroprevalence of measles, mumps, rubella, diphtheria and tetanus in Belgium. <i>Epidemiology and Infection</i> , 2011, 139, 494-504.	1.0	48

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55	Appropriate international measures for outpatient antibiotic prescribing and consumption: recommendations from a national data comparison of different measures. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 529-534.	1.3	47
56	Transcriptome profiling in blood before and after hepatitis B vaccination shows significant differences in gene expression between responders and non-responders. <i>Vaccine</i> , 2018, 36, 6282-6289.	1.7	47
57	A prospect on the use of antiviral drugs to control local outbreaks of COVID-19. <i>BMC Medicine</i> , 2020, 18, 191.	2.3	47
58	Estimating the Incidence of Symptomatic Rotavirus Infections: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2009, 4, e6060.	1.1	46
59	Human Papillomavirus 16 Load and E2/E6 Ratio in HPV16-Positive Women: Biomarkers for Cervical Intraepithelial Neoplasia ≥ 2 in a Liquid-Based Cytology Setting?. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009, 18, 2992-2999.	1.1	46
60	Estimating dynamic transmission model parameters for seasonal influenza by fitting to age and season-specific influenza-like illness incidence. <i>Epidemics</i> , 2015, 13, 1-9.	1.5	46
61	12 Weeks of Combined Endurance and Resistance Training Reduces Innate Markers of Inflammation in a Randomized Controlled Clinical Trial in Patients with Multiple Sclerosis. <i>Mediators of Inflammation</i> , 2016, 2016, 1-13.	1.4	46
62	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> , 2021, 19, 254.	2.3	45
63	Robust Reconstruction and Analysis of Outbreak Data: Influenza A(H1N1)v Transmission in a School-based Population. <i>American Journal of Epidemiology</i> , 2012, 176, 196-203.	1.6	43
64	Quantity and Quality of Antibodies After Acellular Versus Whole-cell Pertussis Vaccines in Infants Born to Mothers Who Received Tetanus, Diphtheria, and Acellular Pertussis Vaccine During Pregnancy: A Randomized Trial. <i>Clinical Infectious Diseases</i> , 2020, 71, 72-80.	2.9	43
65	Abundant expression of TIM-3, LAG-3, PD-1 and PD-L1 as immunotherapy checkpoint targets in effusions of mesothelioma patients. <i>Oncotarget</i> , 2017, 8, 89722-89735.	0.8	43
66	A simple periodic-forced model for dengue fitted to incidence data in Singapore. <i>Mathematical Biosciences</i> , 2013, 244, 22-28.	0.9	40
67	Consumption of antibiotics in the community, European Union/European Economic Area, 1997-2017. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, ii7-ii13.	1.3	40
68	Different transmission patterns in the early stages of the influenza A(H1N1)v pandemic: A comparative analysis of 12 European countries. <i>Epidemics</i> , 2011, 3, 125-133.	1.5	38
69	Eight Years of the Great Influenza Survey to Monitor Influenza-Like Illness in Flanders. <i>PLoS ONE</i> , 2013, 8, e64156.	1.1	38
70	Estimating Time of Infection Using Prior Serological and Individual Information Can Greatly Improve Incidence Estimation of Human and Wildlife Infections. <i>PLoS Computational Biology</i> , 2016, 12, e1004882.	1.5	38
71	Quantitative and phenotypic analysis of mesenchymal stromal cell graft survival and recognition by microglia and astrocytes in mouse brain. <i>Immunobiology</i> , 2013, 218, 696-705.	0.8	37
72	OutbreakTools: A new platform for disease outbreak analysis using the R software. <i>Epidemics</i> , 2014, 7, 28-34.	1.5	37

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73	Exploring the association between resistance and outpatient antibiotic use expressed as DDDs or packages. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1241-1244.	1.3	37
74	Cell Type-Associated Differences in Migration, Survival, and Immunogenicity following Grafting in CNS Tissue. <i>Cell Transplantation</i> , 2012, 21, 1867-1881.	1.2	36
75	On the estimation of the reproduction number based on misreported epidemic data. <i>Statistics in Medicine</i> , 2014, 33, 1176-1192.	0.8	35
76	Measuring trends of outpatient antibiotic use in Europe: jointly modelling longitudinal data in defined daily doses and packages. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1981-1986.	1.3	35
77	A data-driven metapopulation model for the Belgian COVID-19 epidemic: assessing the impact of lockdown and exit strategies. <i>BMC Infectious Diseases</i> , 2021, 21, 503.	1.3	35
78	Local multiple imputation. <i>Biometrika</i> , 2002, 89, 375-388.	1.3	34
79	European Surveillance of Antimicrobial Consumption (ESAC): outpatient cephalosporin use in Europe (1997-2009). <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, vi25-vi35.	1.3	34
80	Contribution of respiratory pathogens to influenza-like illness consultations. <i>Epidemiology and Infection</i> , 2013, 141, 2196-2204.	1.0	34
81	Intracerebral transplantation of interleukin 13-producing mesenchymal stem cells limits microgliosis, oligodendrocyte loss and demyelination in the cuprizone mouse model. <i>Journal of Neuroinflammation</i> , 2016, 13, 288.	3.1	34
82	Immunogenicity and persistence of trivalent measles, mumps, and rubella vaccines: a systematic review and meta-analysis. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 286-295.	4.6	34
83	Consumption of quinolones in the community, European Union/European Economic Area, 1997-2017. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, ii37-ii44.	1.3	34
84	A cross-sectional seroepidemiological survey of typhoid fever in Fiji. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005786.	1.3	34
85	Exploring the Impact of Exposure to Primary Varicella in Children on Varicella-Zoster Virus Immunity of Parents. <i>Viral Immunology</i> , 2011, 24, 151-157.	0.6	32
86	European Surveillance of Antimicrobial Consumption (ESAC): outpatient macrolide, lincosamide and streptogramin (MLS) use in Europe (1997-2009). <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, vi37-vi45.	1.3	32
87	Spatiotemporal Evolution of Ebola Virus Disease at Sub-National Level during the 2014 West Africa Epidemic: Model Scrutiny and Data Meagreness. <i>PLoS ONE</i> , 2016, 11, e0147172.	1.1	32
88	Generalized shared-parameter models and missingness at random. <i>Statistical Modelling</i> , 2011, 11, 279-310.	0.5	31
89	Estimating the effective reproduction number for pandemic influenza from notification data made publicly available in real time: A multi-country analysis for influenza A/H1N1v 2009. <i>Vaccine</i> , 2011, 29, 896-904.	1.7	31
90	European Surveillance of Antimicrobial Consumption (ESAC): outpatient use of tetracyclines, sulphonamides and trimethoprim, and other antibacterials in Europe (1997-2009). <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, vi57-vi70.	1.3	31

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91	Antimicrobial Drug Use and Macrolide-Resistant <i>Streptococcus pyogenes</i> , Belgium. <i>Emerging Infectious Diseases</i> , 2012, 18, 1515-1518.	2.0	31
92	Assessing the reactogenicity of Tdap vaccine administered during pregnancy and antibodies to <i>Bordetella pertussis</i> antigens in maternal and cord sera of Thai women. <i>Vaccine</i> , 2018, 36, 1453-1459.	1.7	31
93	Household members do not contact each other at random: implications for infectious disease modelling. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20182201.	1.2	31
94	Like mother, like daughter? Mother's history of cervical cancer screening and daughter's Human Papillomavirus vaccine uptake in Flanders (Belgium). <i>Vaccine</i> , 2011, 29, 8390-8396.	1.7	30
95	Distinct spatial distribution of microglia and macrophages following mesenchymal stem cell implantation in mouse brain. <i>Immunology and Cell Biology</i> , 2014, 92, 650-658.	1.0	30
96	Model-based inference for small area estimation with sampling weights. <i>Spatial Statistics</i> , 2016, 18, 455-473.	0.9	30
97	Non-invasive PET imaging of brain inflammation at disease onset predicts spontaneous recurrent seizures and reflects comorbidities. <i>Brain, Behavior, and Immunity</i> , 2017, 61, 69-79.	2.0	30
98	Individual factors influencing COVID-19 vaccine acceptance in between and during pandemic waves (July–December 2020). <i>Vaccine</i> , 2022, 40, 151-161.	1.7	30
99	A Sensitivity Analysis for Shared-Parameter Models for Incomplete Longitudinal Outcomes. <i>Biometrical Journal</i> , 2010, 52, 111-125.	0.6	29
100	Mathematical models used to inform study design or surveillance systems in infectious diseases: a systematic review. <i>BMC Infectious Diseases</i> , 2017, 17, 775.	1.3	29
101	Assessing the feasibility and effectiveness of household-pooled universal testing to control COVID-19 epidemics. <i>PLoS Computational Biology</i> , 2021, 17, e1008688.	1.5	29
102	Model structure analysis to estimate basic immunological processes and maternal risk for parvovirus B19. <i>Biostatistics</i> , 2011, 12, 283-302.	0.9	28
103	Analysing the composition of outpatient antibiotic use: a tutorial on compositional data analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, vi89-vi94.	1.3	28
104	Surgical Masks Reduce Airborne Spread of <i>Pseudomonas aeruginosa</i> in Colonized Patients with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 897-899.	2.5	28
105	Multidisciplinary study of the secondary immune response in grandparents re-exposed to chickenpox. <i>Scientific Reports</i> , 2017, 7, 1077.	1.6	28
106	Resurgence risk for measles, mumps and rubella in France in 2018 and 2020. <i>Eurosurveillance</i> , 2018, 23, .	3.9	28
107	Integrating between-host transmission and within-host immunity to analyze the impact of varicella vaccination on zoster. <i>ELife</i> , 2015, 4, .	2.8	28
108	European Surveillance of Antimicrobial Consumption (ESAC): outpatient penicillin use in Europe (1997-2009). <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, vi13-vi23.	1.3	27

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109	Kicking against the pricks: vaccine sceptics have a different social orientation. <i>European Journal of Public Health</i> , 2014, 24, 310-314.	0.1	27
110	The social contact hypothesis under the assumption of endemic equilibrium: Elucidating the transmission potential of VZV in Europe. <i>Epidemics</i> , 2015, 11, 14-23.	1.5	27
111	The COVID-19 epidemic, its mortality, and the role of non-pharmaceutical interventions. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 204-208.	0.4	27
112	The correlated and shared gamma frailty model for bivariate current status data: An illustration for cross-sectional serological data. <i>Statistics in Medicine</i> , 2009, 28, 2785-2800.	0.8	26
113	COVID-19 mortality, excess mortality, deaths per million and infection fatality ratio, Belgium, 9 March 2020 to 28 June 2020. <i>Eurosurveillance</i> , 2022, 27, .	3.9	26
114	Serial Intervals for SARS-CoV-2 Omicron and Delta Variants, Belgium, November 19–December 31, 2021. <i>Emerging Infectious Diseases</i> , 2022, 28, 1699-1702.	2.0	26
115	Current levels of gonorrhoea screening in MSM in Belgium may have little effect on prevalence: a modelling study. <i>Epidemiology and Infection</i> , 2018, 146, 333-338.	1.0	25
116	Economic and social impact of increased cardiac rehabilitation uptake and cardiac telerehabilitation in Belgium – a cost–benefit analysis. <i>Acta Cardiologica</i> , 2018, 73, 222-229.	0.3	25
117	Assessing the risk of measles resurgence in a highly vaccinated population: Belgium anno 2013. <i>Eurosurveillance</i> , 2015, 20, .	3.9	25
118	Application of mixed-effects models to study the country-specific outpatient antibiotic use in Europe: a tutorial on longitudinal data analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, vi79-vi87.	1.3	24
119	Patient and prescriber determinants for the choice between amoxicillin and broader-spectrum antibiotics: a nationwide prescription-level analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2383-2392.	1.3	24
120	Determinants of generalized herpes simplex virus-2 epidemics: the role of sexual partner concurrency. <i>International Journal of STD and AIDS</i> , 2013, 24, 375-382.	0.5	24
121	Active Learning to Understand Infectious Disease Models and Improve Policy Making. <i>PLoS Computational Biology</i> , 2014, 10, e1003563.	1.5	24
122	Serology indicates cytomegalovirus infection is associated with varicella–zoster virus reactivation. <i>Journal of Medical Virology</i> , 2014, 86, 812-819.	2.5	24
123	Rotavirus vaccination coverage and adherence to recommended age among infants in Flanders (Belgium) in 2012. <i>Eurosurveillance</i> , 2014, 19, .	3.9	24
124	Dynamics of HPV vaccination initiation in Flanders (Belgium) 2007-2009: a Cox regression model. <i>BMC Public Health</i> , 2011, 11, 470.	1.2	23
125	Estimating the population prevalence and force of infection directly from antibody titres. <i>Statistical Modelling</i> , 2012, 12, 441-462.	0.5	23
126	Cost-effectiveness of vaccination against herpes zoster in adults aged over 60 years in Belgium. <i>Vaccine</i> , 2012, 30, 675-684.	1.7	23

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127	Assessing Mumps Outbreak Risk in Highly Vaccinated Populations Using Spatial Seroprevalence Data. <i>American Journal of Epidemiology</i> , 2014, 179, 1006-1017.	1.6	23
128	Antibiotic use and resistance in Belgium: the impact of two decades of multi-faceted campaigning. <i>Acta Clinica Belgica</i> , 2021, 76, 280-288.	0.5	23
129	Age-dependent seroprevalence of SARS-CoV-2 antibodies in school-aged children from areas with low and high community transmission. <i>European Journal of Pediatrics</i> , 2022, 181, 571-578.	1.3	23
130	Estimating the age-specific duration of herpes zoster vaccine protection: A matter of model choice?. <i>Vaccine</i> , 2012, 30, 2795-2800.	1.7	22
131	Belgian population norms for the EQ-5D-5L, 2018. <i>Quality of Life Research</i> , 2022, 31, 527-537.	1.5	22
132	Age differences between sexual partners, behavioural and demographic correlates, and HIV infection on Likoma Island, Malawi. <i>Scientific Reports</i> , 2016, 6, 36121.	1.6	21
133	Amoxicillin for acute lower respiratory tract infection in primary care: subgroup analysis by bacterial and viral aetiology. <i>Clinical Microbiology and Infection</i> , 2018, 24, 871-876.	2.8	21
134	On realized serial and generation intervals given control measures: The COVID-19 pandemic case. <i>PLoS Computational Biology</i> , 2021, 17, e1008892.	1.5	21
135	Cuprizone-induced demyelination and demyelination-associated inflammation result in different proton magnetic resonance metabolite spectra. <i>NMR in Biomedicine</i> , 2015, 28, 505-513.	1.6	20
136	Clinical and immunological control of experimental autoimmune encephalomyelitis by tolerogenic dendritic cells loaded with MOG-encoding mRNA. <i>Journal of Neuroinflammation</i> , 2019, 16, 167.	3.1	20
137	Close contact infection dynamics over time: insights from a second large-scale social contact survey in Flanders, Belgium, in 2010-2011. <i>BMC Infectious Diseases</i> , 2021, 21, 274.	1.3	20
138	Face masks in the post-COVID-19 era: a silver lining for the damaged tuberculosis public health response?. <i>Lancet Respiratory Medicine</i> , 2021, 9, 340-342.	5.2	20
139	The influence of risk perceptions on close contact frequency during the SARS-CoV-2 pandemic. <i>Scientific Reports</i> , 2022, 12, 5192.	1.6	20
140	A mathematical model for HIV and hepatitis C co-infection and its assessment from a statistical perspective. <i>Epidemics</i> , 2013, 5, 56-66.	1.5	19
141	Early Inflammatory Responses following Cell Grafting in the CNS Trigger Activation of the Subventricular Zone: A Proposed Model of Sequential Cellular Events. <i>Cell Transplantation</i> , 2015, 24, 1481-1492.	1.2	19
142	Effect of Prepregnancy Pertussis Vaccination in Young Infants. <i>Journal of Infectious Diseases</i> , 2017, 215, 1855-1861.	1.9	19
143	The shape of the contact density function matters when modelling parasite transmission in fluctuating populations. <i>Royal Society Open Science</i> , 2017, 4, 171308.	1.1	19
144	Memory CD4+ T cell receptor repertoire data mining as a tool for identifying cytomegalovirus serostatus. <i>Genes and Immunity</i> , 2019, 20, 255-260.	2.2	19

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145	Murine iPSC-derived microglia and macrophage cell culture models recapitulate distinct phenotypical and functional properties of classical and alternative neuro-immune polarisation. <i>Brain, Behavior, and Immunity</i> , 2019, 82, 406-421.	2.0	19
146	Respiratory syncytial virus and influenza virus infection in adult primary care patients: Association of age with prevalence, diagnostic features and illness course. <i>International Journal of Infectious Diseases</i> , 2020, 95, 384-390.	1.5	19
147	Seroprevalence of IgG antibodies against SARS-CoV-2 – a serial prospective cross-sectional nationwide study of residual samples, Belgium, March to October 2020. <i>Eurosurveillance</i> , 2022, 27, .	3.9	19
148	Coital frequency and condom use in monogamous and concurrent sexual relationships in Cape Town, South Africa. <i>Journal of the International AIDS Society</i> , 2013, 16, 18034.	1.2	18
149	Partner-concurrency associated with herpes simplex virus 2 infection in young South Africans. <i>International Journal of STD and AIDS</i> , 2013, 24, 804-812.	0.5	18
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303	Title is missing!. , 2020, 15, e0241033.		0
304	Title is missing!. , 2020, 15, e0241033.		0
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307	Title is missing!. , 2020, 15, e0241033.		0
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