Niel Hens

List of Publications by Year
in descending order

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309	12,071	43973 48	45213 90
papers	citations	h-index	g-index

359	359	359	14338
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A linear mixed model to estimate COVIDâ€19â€induced excess mortality. Biometrics, 2023, 79, 417-425.	0.8	8
2	A spatial model to jointly analyze selfâ€reported survey data of COVIDâ€19 symptoms and official COVIDâ€19 incidence data. Biometrical Journal, 2023, 65, .	0.6	2
3	Pertussis Immunization During Pregnancy: Assessment of the Role of Maternal Antibodies on Immune Responses in Term and Preterm-Born Infants. Clinical Infectious Diseases, 2022, 74, 189-198.	2.9	7
4	Belgian population norms for the EQ-5D-5L, 2018. Quality of Life Research, 2022, 31, 527-537.	1.5	22
5	Age-dependent seroprevalence of SARS-CoV-2 antibodies in school-aged children from areas with low and high community transmission. European Journal of Pediatrics, 2022, 181, 571-578.	1.3	23
6	Impact of Adding Oseltamivir to Usual Care on Quality-Adjusted Life-Years During Influenza-Like Illness. Value in Health, 2022, 25, 178-184.	0.1	3
7	Impact of Maternal Pertussis Antibodies on the Infantsâ€™ Cellular Immune Responses. Clinical Infectious Diseases, 2022, 75, 442-452.	2.9	6
8	Individual factors influencing COVID-19 vaccine acceptance in between and during pandemic waves (Julyâ€“December 2020). Vaccine, 2022, 40, 151-161.	1.7	30
9	Two decades of regional trends in vaccination completion and coverage among children aged 12-23â€‰months: an analysis of the Uganda Demographic Health Survey data from 1995 to 2016. BMC Health Services Research, 2022, 22, 40.	0.9	10
10	Dual Use of Public and Private Health Care Services in Brazil. International Journal of Environmental Research and Public Health, 2022, 19, 1829.	1.2	6
11	COVID-19 mortality, excess mortality, deaths per million and infection fatality ratio, Belgium, 9 March 2020 to 28 June 2020. Eurosurveillance, 2022, 27, .	3.9	26
12	Laplacianâ€Pâ€splines for Bayesian inference in the mixture cure model. Statistics in Medicine, 2022, 41, 2602-2626.	0.8	8
13	Inferring age-specific differences in susceptibility to and infectiousness upon SARS-CoV-2 infection based on Belgian social contact data. PLoS Computational Biology, 2022, 18, e1009965.	1.5	16
14	Seroprevalence of IgG antibodies against SARS-CoV-2 â€“ a serial prospective cross-sectional nationwide study of residual samples, Belgium, March to October 2020. Eurosurveillance, 2022, 27, .	3.9	19
15	The influence of risk perceptions on close contact frequency during the SARS-CoV-2 pandemic. Scientific Reports, 2022, 12, 5192.	1.6	20
16	Multivariate phenomenological models for real-time short-term forecasts of hospital capacity for COVID-19 in Belgium from March to June 2020. Epidemiology and Infection, 2022, 150, .	1.0	0
17	Identifying immunity gaps for measles using Belgian serial serology data. Vaccine, 2022, 40, 3676-3683.	1.7	1
18	Time trends in social contacts before and during the COVID-19 pandemic: the CONNECT study. BMC Public Health, 2022, 22, .	1.2	17

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19	Serial Intervals for SARS-CoV-2 Omicron and Delta Variants, Belgium, November 19â€“December 31, 2021. Emerging Infectious Diseases, 2022, 28, 1699-1702.	2.0	26
20	Antibiotic use and resistance in Belgium: the impact of two decades of multi-faceted campaigning. Acta Clinica Belgica, 2021, 76, 280-288.	0.5	23
21	Calling for pan-European commitment for rapid and sustained reduction in SARS-CoV-2 infections. Lancet, The, 2021, 397, 92-93.	6.3	71
22	Murine induced pluripotent stem cellâ€derived neuroimmune cell culture models emphasize opposite immuneâ€effector functions of interleukin 13â€primed microglia and macrophages in terms of neuroimmune toxicity. Glia, 2021, 69, 326-345.	2.5	4
23	Immunogenicity and persistence of trivalent measles, mumps, and rubella vaccines: a systematic review and meta-analysis. Lancet Infectious Diseases, The, 2021, 21, 286-295.	4.6	34
24	SARS-CoV-2 seroprevalence survey among health care providers in a Belgian public multiple-site hospital. Epidemiology and Infection, 2021, 149, e172.	1.0	9
25	Deep Reinforcement Learning for Large-Scale Epidemic Control. Lecture Notes in Computer Science, 2021, , 155-170.	1.0	10
26	Close contact infection dynamics over time: insights from a second large-scale social contact survey in Flanders, Belgium, in 2010-2011. BMC Infectious Diseases, 2021, 21, 274.	1.3	20
27	Simulation and Analysis Methods for Stochastic Compartmental Epidemic Models. Annual Review of Statistics and Its Application, 2021, 8, 69-88.	4.1	8
28	On realized serial and generation intervals given control measures: The COVID-19 pandemic case. PLoS Computational Biology, 2021, 17, e1008892.	1.5	21
29	The impact of contact tracing and household bubbles on deconfinement strategies for COVID-19. Nature Communications, 2021, 12, 1524.	5.8	87
30	Assessing the feasibility and effectiveness of household-pooled universal testing to control COVID-19 epidemics. PLoS Computational Biology, 2021, 17, e1008688.	1.5	29
31	Face masks in the post-COVID-19 era: a silver lining for the damaged tuberculosis public health response?. Lancet Respiratory Medicine,the, 2021, 9, 340-342.	5.2	20
32	Call for a pan-European COVID-19 response must be comprehensive â€“ Authors' reply. Lancet, The, 2021, 397, 1541.	6.3	0
33	Workplace influenza vaccination to reduce employee absenteeism: An economic analysis from the employersâ€™ perspective. Vaccine, 2021, 39, 2005-2015.	1.7	13
34	The hepatitis C cascade of care in the Belgian HIV population: One step closer to elimination. International Journal of Infectious Diseases, 2021, 105, 217-223.	1.5	6
35	Measuring association among censored antibody titer data. Statistics in Medicine, 2021, 40, 3740-3761.	0.8	7
36	A data-driven metapopulation model for the Belgian COVID-19 epidemic: assessing the impact of lockdown and exit strategies. BMC Infectious Diseases, 2021, 21, 503.	1.3	35

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37	Modelling the early phase of the Belgian COVID-19 epidemic using a stochastic compartmental model and studying its implied future trajectories. Epidemics, 2021, 35, 100449.	1.5	55
38	Quantifying superspreading for COVID-19 using Poisson mixture distributions. Scientific Reports, 2021, 11, 14107.	1.6	17
39	Consumption of antibiotics in the community, European Union/European Economic Area, 1997â€“2017: data collection, management and analysis. Journal of Antimicrobial Chemotherapy, 2021, 76, ii2-ii6.	1.3	14
40	Consumption of antibiotics in the community, European Union/European Economic Area, 1997â€“2017. Journal of Antimicrobial Chemotherapy, 2021, 76, ii7-ii13.	1.3	40
41	Analysing the trend over time of antibiotic consumption in the community: a tutorial on the detection of common change-points. Journal of Antimicrobial Chemotherapy, 2021, 76, ii79-ii85.	1.3	10
42	Consumption of macrolides, lincosamides and streptogramins in the community, European Union/European Economic Area, 1997â€“2017. Journal of Antimicrobial Chemotherapy, 2021, 76, ii30-ii36.	1.3	16
43	Comparison of two simulators for individual based models in HIV epidemiology in a population with HSV 2 in YaoundÃ© (Cameroon). Scientific Reports, 2021, 11, 14696.	1.6	3
44	Change-points in antibiotic consumption in the community, European Union/European Economic Area, 1997â€“2017. Journal of Antimicrobial Chemotherapy, 2021, 76, ii68-ii78.	1.3	12
45	Consumption of tetracyclines, sulphonamides and trimethoprim, and other antibacterials in the community, European Union/European Economic Area, 1997â€“2017. Journal of Antimicrobial Chemotherapy, 2021, 76, ii45-ii59.	1.3	17
46	Consumption of cephalosporins in the community, European Union/European Economic Area, 1997â€“2017. Journal of Antimicrobial Chemotherapy, 2021, 76, ii22-ii29.	1.3	14
47	Consumption of quinolones in the community, European Union/European Economic Area, 1997â€“2017. Journal of Antimicrobial Chemotherapy, 2021, 76, ii37-ii44.	1.3	34
48	Consumption of penicillins in the community, European Union/European Economic Area, 1997â€“2017. Journal of Antimicrobial Chemotherapy, 2021, 76, ii14-ii21.	1.3	17
49	Impact of changing reimbursement criteria on the use of fluoroquinolones in Belgium. Journal of Antimicrobial Chemotherapy, 2021, 76, 2725-2732.	1.3	6
50	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. BMC Medicine, 2021, 19, 254.	2.3	45
51	On the timing of interventions to preserve hospital capacity: lessons to be learned from the Belgian SARS-CoV-2 pandemic in 2020. Archives of Public Health, 2021, 79, 164.	1.0	5
52	Influence of sexual risk behaviour and STI co-infection dynamics on the evolution of HIV set point viral load in MSM. Epidemics, 2021, 36, 100474.	1.5	0
53	Leveraging of SARS-CoV-2 PCR Cycle Thresholds Values to Forecast COVID-19 Trends. Frontiers in Medicine, 2021, 8, 743988.	1.2	16
54	Evaluation of the SARS-CoV-2 positivity ratio and upper respiratory tract viral load among asymptomatic individuals screened before hospitalization or surgery in Flanders, Belgium. PLoS ONE, 2021, 16, e0259908.	1.1	1

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55	A flexible bimodal model with long-term survivors and different regression structures. Communications in Statistics Part B: Simulation and Computation, 2020, 49, 2639-2660.	0.6	1
56	Inference of the generalized-growth model via maximum likelihood estimation: A reflection on the impact of overdispersion. Journal of Theoretical Biology, 2020, 484, 110029.	0.8	10
57	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. Clinical Infectious Diseases, 2020, 71, 72-80.	2.9	43
58	Neuromuscularâ€blocking agents for tracheal intubation in pediatric patients (0â€12 years): A systematic review and metaâ€analysis. Paediatric Anaesthesia, 2020, 30, 401-414.	0.6	8
59	Time between Symptom Onset, Hospitalisation and Recovery or Death: Statistical Analysis of Belgian COVID-19 Patients. International Journal of Environmental Research and Public Health, 2020, 17, 7560.	1.2	189
60	Elucidating the difference in the kinetics of antibody titres of infants in Belgium and Vietnam. Vaccine, 2020, 38, 7079-7086.	1.7	2
61	Early detection of chronic hepatitis B and risk factor assessment in Turkish migrants, Middle Limburg, Belgium. PLoS ONE, 2020, 15, e0234740.	1.1	4
62	Infectious diseases epidemiology, quantitative methodology, and clinical research in the midst of the COVID-19 pandemic: Perspective from a European country. Contemporary Clinical Trials, 2020, 99, 106189.	0.8	14
63	Can COVID-19 symptoms as reported in a large-scale online survey be used to optimise spatial predictions of COVID-19 incidence risk in Belgium?. Spatial and Spatio-temporal Epidemiology, 2020, 35, 100379.	0.9	14
64	Clustering of susceptible individuals within households can drive measles outbreaks: an individual-based model exploration. Scientific Reports, 2020, 10, 19645.	1.6	10
65	TO009THE POTENTIAL OF DONOR-DERIVED CELL-FREE DNA AS A BIOMARKER FOR REJECTION IN KIDNEY TRANSPLANTATION: A SYSTEMATIC REVIEW AND META-ANALYSIS. Nephrology Dialysis Transplantation, 2020, 35, .	0.4	0
66	The COVID-19 epidemic, its mortality, and the role of non-pharmaceutical interventions. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 204-208.	0.4	27
67	Optimising the case-crossover design for use in shared exposure settings. Epidemiology and Infection, 2020, 148, e151.	1.0	2
68	Short-term associations between Legionnaires' disease incidence and meteorological variables in Belgium, 2011â€“2019. Epidemiology and Infection, 2020, 148, e150.	1.0	8
69	Stable HEV IgG seroprevalence in Belgium between 2006 and 2014. Journal of Viral Hepatitis, 2020, 27, 1253-1260.	1.0	4
70	SOCRATES: an online tool leveraging a social contact data sharing initiative to assess mitigation strategies for COVID-19. BMC Research Notes, 2020, 13, 293.	0.6	59
71	Factors associated with HIV serodiscordance among couples in Mozambique: Comparison of the 2009 INSIDA and 2015 IMASIDA surveys. PLoS ONE, 2020, 15, e0234723.	1.1	1
72	A prospect on the use of antiviral drugs to control local outbreaks of COVID-19. BMC Medicine, 2020, 18, 191.	2.3	47

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73	Respiratory syncytial virus and influenza virus infection in adult primary care patients: Association of age with prevalence, diagnostic features and illness course. International Journal of Infectious Diseases, 2020, 95, 384-390.	1.5	19
74	CoMix: comparing mixing patterns in the Belgian population during and after lockdown. Scientific Reports, 2020, 10, 21885.	1.6	91
75	Estimating the generation interval for coronavirus disease (COVID-19) based on symptom onset data, March 2020. Eurosurveillance, 2020, 25, .	3.9	471
76	Authorsâ€™ response: Estimating the generation interval for COVID-19 based on symptom onset data. Eurosurveillance, 2020, 25, .	3.9	52
77	Using Individual-Based Models to Look Beyond the Horizon: The Changing Effects of Household-Based Clustering of Susceptibility to Measles in the Next 20 Years. Lecture Notes in Computer Science, 2020, , 385-398.	1.0	3
78	Title is missing!. , 2020, 15, e0234740.		0
79	Title is missing!. , 2020, 15, e0234740.		0
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81	Title is missing!. , 2020, 15, e0234740.		0
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88	Title is missing!. , 2020, 15, e0241033.		0
89	Title is missing!. , 2020, 15, e0241033.		0
90	Memory CD4+ T cell receptor repertoire data mining as a tool for identifying cytomegalovirus serostatus. Genes and Immunity, 2019, 20, 255-260.	2.2	19

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91	Clinical and immunological control of experimental autoimmune encephalomyelitis by tolerogenic dendritic cells loaded with MOG-encoding mRNA. Journal of Neuroinflammation, 2019, 16, 167.	3.1	20
92	Incidence estimation from sentinel surveillance data; a simulation study and application to data from the Belgian laboratory sentinel surveillance. BMC Public Health, 2019, 19, 982.	1.2	3
93	Murine iPSC-derived microglia and macrophage cell culture models recapitulate distinct phenotypical and functional properties of classical and alternative neuro-immune polarisation. Brain, Behavior, and Immunity, 2019, 82, 406-421.	2.0	19
94	Future Ramifications of Age-Dependent Immunity Levels for Measles: Explorations in an Individual-Based Model. Lecture Notes in Computer Science, 2019, , 456-467.	1.0	4
95	The impact of behavioral interventions on co-infection dynamics: An exploration of the effects of home isolation. Journal of Theoretical Biology, 2019, 476, 5-18.	0.8	2
96	Improving ODE Integration on Graphics Processing Units by Reducing Thread Divergence. Lecture Notes in Computer Science, 2019, , 450-456.	1.0	0
97	Plasmodium vivax morbidity after radical cure: A cohort study in Central Vietnam. PLoS Medicine, 2019, 16, e1002784.	3.9	3
98	The seroprevalence of cytomegalovirus infection in Belgium anno 2002 and 2006: a comparative analysis with hepatitis A virus seroprevalence. Epidemiology and Infection, 2019, 147, e154.	1.0	1
99	First-void urine as a non-invasive liquid biopsy source to detect vaccine-induced human papillomavirus antibodies originating from cervicovaginal secretions. Journal of Clinical Virology, 2019, 117, 11-18.	1.6	14
100	Sample size calculation for estimating key epidemiological parameters using serological data and mathematical modelling. BMC Medical Research Methodology, 2019, 19, 51.	1.4	10
101	Prevalence and risk factors of hepatitis B virus infection in Middleâ€Limburg Belgium, year 2017: Importance of migration. Journal of Medical Virology, 2019, 91, 1479-1488.	2.5	9
102	An ODE-based mixed modelling approach for B- and T-cell dynamics induced by Varicella-Zoster Virus vaccines in adults shows higher T-cell proliferation with Shingrix than with Varilrix. Vaccine, 2019, 37, 2537-2553.	1.7	9
103	SimpactCyan 1.0: An Open-source Simulator for Individual-Based Models in HIV Epidemiology with R and Python Interfaces. Scientific Reports, 2019, 9, 19289.	1.6	6
104	A Systematic Review of Social Contact Surveys to Inform Transmission Models of Close-contact Infections. Epidemiology, 2019, 30, 723-736.	1.2	159
105	Hepatitis B virus prevalence and risk factors in hard-to-reach Turkish population living in Belgium. Medicine (United States), 2019, 98, e15412.	0.4	4
106	Measures for concordance and discordance with applications in disease control and prevention. Statistical Methods in Medical Research, 2019, 28, 3086-3099.	0.7	4
107	Assessing the relationship between epidemic growth scaling and epidemic size: The 2014â€“16 Ebola epidemic in West Africa. Epidemiology and Infection, 2019, 147, e27.	1.0	7
108	Correlated gamma frailty models for bivariate survival time data. Statistical Methods in Medical Research, 2019, 28, 3437-3450.	0.7	3

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109	Screening for hepatitis C at the emergency department: Should babyboomers also be screened in Belgium?. Liver International, 2019, 39, 667-675.	1.9	12
110	Current levels of gonorrhoea screening in MSM in Belgium may have little effect on prevalence: a modelling study. Epidemiology and Infection, 2018, 146, 333-338.	1.0	25
111	Simulationâ€based evaluation of the linearâ€mixed model in the presence of an increasing proportion of singletons. Biometrical Journal, 2018, 60, 49-65.	0.6	4
112	Assessing the reactogenicity of Tdap vaccine administered during pregnancy and antibodies to Bordetella pertussis antigens in maternal and cord sera of Thai women. Vaccine, 2018, 36, 1453-1459.	1.7	31
113	Estimating nonlinear effects in the presence of cure fraction using a semi-parametric regression model. Computational Statistics, 2018, 33, 709-730.	0.8	12
114	Amoxicillin for acute lower respiratory tract infection in primary care: subgroup analysis by bacterial and viral aetiology. Clinical Microbiology and Infection, 2018, 24, 871-876.	2.8	21
115	Economic and social impact of increased cardiac rehabilitation uptake and cardiac telerehabilitation in Belgium â€“ a costâ€“benefit analysis. Acta Cardiologica, 2018, 73, 222-229.	0.3	25
116	Heterogeneous computing for epidemiological model fitting and simulation. BMC Bioinformatics, 2018, 19, 101.	1.2	6
117	New regression model with four regression structures and computational aspects. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 1940-1962.	0.6	3
118	Joint models for mixed categorical outcomes: a study of HIV risk perception and disease status in Mozambique. Journal of Applied Statistics, 2018, 45, 1781-1798.	0.6	0
119	A flexible semiparametric regression model for bimodal, asymmetric and censored data. Journal of Applied Statistics, 2018, 45, 1303-1324.	0.6	6
120	Potential Impact of Changes in the Schedule for Primary Diphtheria-Tetanus Toxoids-Pertussis Immunization as Control Strategy for Pertussis. Pediatric Infectious Disease Journal, 2018, 37, e36-e42.	1.1	5
121	Modelling time varying heterogeneity in recurrent infection processes: an application to serological data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2018, 67, 687-704.	0.5	3
122	Household members do not contact each other at random: implications for infectious disease modelling. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20182201.	1.2	31
123	A8â€,Improving the accuracy and precision of estimated temporal trends in HIV incidence among MSM populations by calibrating agent-based simulation models to phylogenetic tree data. Virus Evolution, 2018, 4, .	2.2	0
124	Mapping maternal mortality rate via spatial zero-inflated models for count data: A case study of facility-based maternal deaths from Mozambique. PLoS ONE, 2018, 13, e0202186.	1.1	11
125	Transcriptome profiling in blood before and after hepatitis B vaccination shows significant differences in gene expression between responders and non-responders. Vaccine, 2018, 36, 6282-6289.	1.7	47
126	The role of age-mixing patterns in HIV transmission dynamics: Novel hypotheses from a field study in Cape Town, South Africa. Epidemics, 2018, 25, 61-71.	1.5	7

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127	The impact of regular school closure on seasonal influenza epidemics: a data-driven spatial transmission model for Belgium. BMC Infectious Diseases, 2018, 18, 29.	1.3	90
128	Resurgence risk for measles, mumps and rubella in France in 2018 and 2020. Eurosurveillance, 2018, 23, .	3.9	28
129	Non-invasive PET imaging of brain inflammation at disease onset predicts spontaneous recurrent seizures and reflects comorbidities. Brain, Behavior, and Immunity, 2017, 61, 69-79.	2.0	30
130	Prognostic and predictive aspects of the tumor immune microenvironment and immune checkpoints in malignant pleural mesothelioma. OncoImmunology, 2017, 6, e1261241.	2.1	67
131	Multidisciplinary study of the secondary immune response in grandparents re-exposed to chickenpox. Scientific Reports, 2017, 7, 1077.	1.6	28
132	Estimation of the burden of varicella in Europe before the introduction of universal childhood immunization. BMC Infectious Diseases, 2017, 17, 353.	1.3	53
133	Estimating the spatial covariance structure using the geoadditive model. Environmental and Ecological Statistics, 2017, 24, 341-361.	1.9	3
134	Public Health Impact of Congenital Toxoplasmosis and Cytomegalovirus Infection in Belgium, 2013: A Systematic Review and Data Synthesis. Clinical Infectious Diseases, 2017, 65, 661-668.	2.9	17
135	Quality-of-life: a many-splendored thing? Belgian population norms and 34 potential determinants explored by beta regression. Quality of Life Research, 2017, 26, 2011-2023.	1.5	7
136	Parametric Overdispersed Frailty Models for Current Status Data. Biometrics, 2017, 73, 1388-1400.	0.8	3
137	Structural differences in mixing behavior informing the role of asymptomatic infection and testing symptom heritability. Mathematical Biosciences, 2017, 285, 43-54.	0.9	11
138	Using additive and coupled spatiotemporal SPDE models: a flexible illustration for predicting occurrence of Culicoides species. Spatial and Spatio-temporal Epidemiology, 2017, 23, 11-34.	0.9	3
139	A systematic review of varicella seroprevalence in European countries before universal childhood immunization: deriving incidence from seroprevalence data. Epidemiology and Infection, 2017, 145, 2666-2677.	1.0	66
140	Estimating age-time-dependent malaria force of infection accounting for unobserved heterogeneity. Epidemiology and Infection, 2017, 145, 2545-2562.	1.0	3
141	Influenza epidemic surveillance and prediction based on electronic health record data from an out-of-hours general practitioner cooperative: model development and validation on 2003â€“2015 data. BMC Infectious Diseases, 2017, 17, 84.	1.3	10
142	Effect of Prepregnancy Pertussis Vaccination in Young Infants. Journal of Infectious Diseases, 2017, 215, 1855-1861.	1.9	19
143	Persistence of antimicrobial resistance in respiratory streptococci. Journal of Global Antimicrobial Resistance, 2017, 8, 6-12.	0.9	3
144	The shape of the contactâ€“density function matters when modelling parasite transmission in fluctuating populations. Royal Society Open Science, 2017, 4, 171308.	1.1	19

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145	Cross-covariance functions for additive and coupled joint spatiotemporal SPDE models in R-INLA. Environmental and Ecological Statistics, 2017, 24, 551-586.	1.9	2
146	A flexible method to model HIV serodiscordance among couples in Mozambique. PLoS ONE, 2017, 12, e0172959.	1.1	8
147	Lessons from a decade of individual-based models for infectious disease transmission: a systematic review (2006-2015). BMC Infectious Diseases, 2017, 17, 612.	1.3	118
148	Mathematical models used to inform study design or surveillance systems in infectious diseases: a systematic review. BMC Infectious Diseases, 2017, 17, 775.	1.3	29
149	A cross-sectional seroepidemiological survey of typhoid fever in Fiji. PLoS Neglected Tropical Diseases, 2017, 11, e0005786.	1.3	34
150	Abundant expression of TIM-3, LAG-3, PD-1 and PD-L1 as immunotherapy checkpoint targets in effusions of mesothelioma patients. Oncotarget, 2017, 8, 89722-89735.	0.8	43
151	Prevalence and trend estimation from observational data with highly variable post-stratification weights. Annals of Applied Statistics, 2016, 10, .	0.5	3
152	12 Weeks of Combined Endurance and Resistance Training Reduces Innate Markers of Inflammation in a Randomized Controlled Clinical Trial in Patients with Multiple Sclerosis. Mediators of Inflammation, 2016, 2016, 1-13.	1.4	46
153	Prevalence of high-risk human papillomavirus and abnormal pap smears in female sex workers compared to the general population in Antwerp, Belgium. BMC Public Health, 2016, 16, 477.	1.2	14
154	Intracerebral transplantation of interleukin 13-producing mesenchymal stem cells limits microgliosis, oligodendrocyte loss and demyelination in the cuprizone mouse model. Journal of Neuroinflammation, 2016, 13, 288.	3.1	34
155	Pertussis vaccination during pregnancy in Belgium: Follow-up of infants until 1 month after the fourth infant pertussis vaccination at 15 months of age. Vaccine, 2016, 34, 3613-3619.	1.7	74
156	Intradermal zoster vaccines: good for the old and the young?. Lancet Infectious Diseases, The, 2016, 16, 869-871.	4.6	1
157	Interleukin-13 immune gene therapy prevents CNS inflammation and demyelination via alternative activation of microglia and macrophages. Glia, 2016, 64, 2181-2200.	2.5	53
158	Age differences between sexual partners, behavioural and demographic correlates, and HIV infection on Likoma Island, Malawi. Scientific Reports, 2016, 6, 36121.	1.6	21
159	Inferring rubella outbreak risk from seroprevalence data in Belgium. Vaccine, 2016, 34, 6187-6192.	1.7	8
160	Model-based inference for small area estimation with sampling weights. Spatial Statistics, 2016, 18, 455-473.	0.9	30
161	The Effect of Maternal Pertussis Immunization on Infant Vaccine Responses to a Booster Pertussis-Containing Vaccine in Vietnam. Clinical Infectious Diseases, 2016, 63, S197-S204.	2.9	60
162	Simulationâ€based evaluation of the performance of the FÂtest in a linear multilevel model setting with sparseness at the level of the primary unit. Biometrical Journal, 2016, 58, 1054-1070.	0.6	3

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163	HIV Susceptibility Among Migrant Miners in Chokwe. International Journal of Health Services, 2016, 46, 712-733.	1.2	6
164	Community-acquired pneumonia (CAP) hospitalizations and deaths: is there a role for quality improvement through inter-hospital comparisons?. International Journal for Quality in Health Care, 2016, 28, 22-32.	0.9	11
165	Pertussis vaccination during pregnancy in Belgium: Results of a prospective controlled cohort study. Vaccine, 2016, 34, 142-150.	1.7	147
166	Pertussis vaccination during pregnancy in Vietnam: Results of a randomized controlled trial Pertussis vaccination during pregnancy. Vaccine, 2016, 34, 151-159.	1.7	107
167	A bimodal flexible distribution for lifetime data. Journal of Statistical Computation and Simulation, 2016, 86, 2450-2470.	0.7	9
168	Effect of comprehensive cardiac telerehabilitation on one-year cardiovascular rehospitalization rate, medical costs and quality of life: A cost-effectiveness analysis. European Journal of Preventive Cardiology, 2016, 23, 674-682.	0.8	99
169	The impact of non-financial and financial encouragements on participation in non school-based human papillomavirus vaccination: a retrospective cohort study. European Journal of Health Economics, 2016, 17, 305-315.	1.4	13
170	Estimating Time of Infection Using Prior Serological and Individual Information Can Greatly Improve Incidence Estimation of Human and Wildlife Infections. PLoS Computational Biology, 2016, 12, e1004882.	1.5	38
171	Spatiotemporal Evolution of Ebola Virus Disease at Sub-National Level during the 2014 West Africa Epidemic: Model Scrutiny and Data Meagreness. PLoS ONE, 2016, 11, e0147172.	1.1	32
172	Capture-Recapture Estimators in Epidemiology with Applications to Pertussis and Pneumococcal Invasive Disease Surveillance. PLoS ONE, 2016, 11, e0159832.	1.1	12
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