

# Lander Willem

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6802527/publications.pdf>

Version: 2024-02-01

44  
papers

1,714  
citations

331670

21  
h-index

361022

35  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2169  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, .	7.0	26
2	Cost-effectiveness of Respiratory Syncytial Virus Disease Prevention Strategies: Maternal Vaccine Versus Seasonal or Year-Round Monoclonal Antibody Program in Norwegian Children. <i>Journal of Infectious Diseases</i> , 2022, 226, S95-S101.	4.0	15
3	Inferring age-specific differences in susceptibility to and infectiousness upon SARS-CoV-2 infection based on Belgian social contact data. <i>PLoS Computational Biology</i> , 2022, 18, e1009965.	3.2	16
4	The influence of risk perceptions on close contact frequency during the SARS-CoV-2 pandemic. <i>Scientific Reports</i> , 2022, 12, 5192.	3.3	20
5	Economic Evaluation of Vaccines: Belgian Reflections on the Need for a Broader Perspective. <i>Value in Health</i> , 2021, 24, 105-111.	0.3	21
6	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.	2.9	20
7	The impact of contact tracing and household bubbles on deconfinement strategies for COVID-19. <i>Nature Communications</i> , 2021, 12, 1524.	12.8	87
8	Assessing the feasibility and effectiveness of household-pooled universal testing to control COVID-19 epidemics. <i>PLoS Computational Biology</i> , 2021, 17, e1008688.	3.2	29
9	No Such Thing as a Free-Rider? Understanding Drivers of Childhood and Adult Vaccination through a Multicountry Discrete Choice Experiment. <i>Vaccines</i> , 2021, 9, 264.	4.4	8
10	Workplace influenza vaccination to reduce employee absenteeism: An economic analysis from the employersâ€™ perspective. <i>Vaccine</i> , 2021, 39, 2005-2015.	3.8	13
11	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.	2.9	35
12	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.	3.0	55
13	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.	5.5	45
14	Preferential differences in vaccination decision-making for oneself or oneâ€™s child in The Netherlands: a discrete choice experiment. <i>BMC Public Health</i> , 2020, 20, 828.	2.9	26
15	The impact of maternal RSV vaccine to protect infants in Gavi-supported countries: Estimates from two models. <i>Vaccine</i> , 2020, 38, 5139-5147.	3.8	12
16	Clustering of susceptible individuals within households can drive measles outbreaks: an individual-based model exploration. <i>Scientific Reports</i> , 2020, 10, 19645.	3.3	10
17	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.	1.4	59
18	Health and economic burden of respiratory syncytial virus (RSV) disease and the cost-effectiveness of potential interventions against RSV among children under 5Â½years in 72 Gavi-eligible countries. <i>BMC Medicine</i> , 2020, 18, 82.	5.5	59

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19	CoMix: comparing mixing patterns in the Belgian population during and after lockdown. Scientific Reports, 2020, 10, 21885.	3.3	91
20	Future Ramifications of Age-Dependent Immunity Levels for Measles: Explorations in an Individual-Based Model. Lecture Notes in Computer Science, 2019, , 456-467.	1.3	4
21	Population-level mathematical modeling of antimicrobial resistance: a systematic review. BMC Medicine, 2019, 17, 81.	5.5	52
22	Drivers of vaccine decision-making in South Africa: A discrete choice experiment. Vaccine, 2019, 37, 2079-2089.	3.8	28
23	Economic evaluation of pneumococcal vaccines for adults aged over 50 years in Belgium. Human Vaccines and Immunotherapeutics, 2018, 14, 1218-1229.	3.3	19
24	Ensuring continuous feedstock supply in agricultural residue value chains: A complex interplay of five influencing factors. Biomass and Bioenergy, 2018, 109, 209-220.	5.7	24
25	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.	2.6	31
26	Individual decisions to vaccinate one's child or oneself: A discrete choice experiment rejecting free-riding motives. Social Science and Medicine, 2018, 207, 106-116.	3.8	46
27	Social Contact Patterns in an Individual-based Simulator for the Transmission of Infectious Diseases (Stride). Procedia Computer Science, 2017, 108, 2438-2442.	2.0	14
28	Control of endemic swine flu persistence in farrow-to-finish pig farms: a stochastic metapopulation modeling assessment. Veterinary Research, 2017, 48, 58.	3.0	17
29	Lessons from a decade of individual-based models for infectious disease transmission: a systematic review (2006-2015). BMC Infectious Diseases, 2017, 17, 612.	2.9	118
30	Behavioural change models for infectious disease transmission: a systematic review (2010-2015). Journal of the Royal Society Interface, 2016, 13, 20160820.	3.4	252
31	The cost-effectiveness of pneumococcal vaccination in healthy adults over 50: An exploration of influential factors for Belgium. Vaccine, 2016, 34, 2106-2112.	3.8	27
32	Prime-Time: Symbolic Regression Takes Its Place in the Real World. Genetic and Evolutionary Computation, 2016, , 241-260.	1.0	7
33	Maternally Derived Immunity Extends Swine Influenza A Virus Persistence within Farrow-to-Finish Pig Farms: Insights from a Stochastic Event-Driven Metapopulation Model. PLoS ONE, 2016, 11, e0163672.	2.5	22
34	Animal Ownership and Touching Enrich the Context of Social Contacts Relevant to the Spread of Human Infectious Diseases. PLoS ONE, 2015, 10, e0133461.	2.5	13
35	Estimating dynamic transmission model parameters for seasonal influenza by fitting to age and season-specific influenza-like illness incidence. Epidemics, 2015, 13, 1-9.	3.0	46
36	Quantifying Parameter and Structural Uncertainty of Dynamic Disease Transmission Models Using MCMC. Medical Decision Making, 2015, 35, 633-647.	2.4	13

#	ARTICLE	IF	CITATIONS
37	Optimizing agent-based transmission models for infectious diseases. BMC Bioinformatics, 2015, 16, 183.	2.6	17
38	Herpes zoster is associated with herpes simplex and other infections in under 60 year-olds. Journal of Infection, 2015, 70, 171-177.	3.3	13
39	Integrating between-host transmission and within-host immunity to analyze the impact of varicella vaccination on zoster. ELife, 2015, 4, .	6.0	28
40	Active Learning to Understand Infectious Disease Models and Improve Policy Making. PLoS Computational Biology, 2014, 10, e1003563.	3.2	24
41	Mining the genome of Arabidopsis thaliana as a basis for the identification of novel bioactive peptides involved in oxidative stress tolerance. Journal of Experimental Botany, 2013, 64, 5297-5307.	4.8	52
42	Cost-effectiveness of vaccination against herpes zoster in adults aged over 60 years in Belgium. Vaccine, 2012, 30, 675-684.	3.8	23
43	A Nice Day for an Infection? Weather Conditions and Social Contact Patterns Relevant to Influenza Transmission. PLoS ONE, 2012, 7, e48695.	2.5	83
44	Controlling SARS-CoV-2 in schools using repetitive testing strategies. ELife, 0, 11, .	6.0	7