Birgitte Freiesleben De Blasio

List of Publications by Year
in descending order

46 papers	1,052 citations	516561 16 h-index	454834 30 g-index
50 all docs	50 docs citations	50 times ranked	1925 citing authors

#	Article	IF	Citations
1	Population-level impact, herd immunity, and elimination after human papillomavirus vaccination: a systematic review and meta-analysis of predictions from transmission-dynamic models. Lancet Public Health, The, 2016, 1, e8-e17.	4.7	210
2	Analytical studies assessing the association between extreme precipitation or temperature and drinking water-related waterborne infections: a review. Environmental Health, 2015, 14, 29.	1.7	68
3	Direct and Indirect Effects of Rotavirus Vaccination: Comparing Predictions from Transmission Dynamic Models. PLoS ONE, 2012, 7, e42320.	1.1	60
4	Comparing clinical attachment level and pocket depth for predicting periodontal disease progression in healthy sites of patients with chronic periodontitis using multiâ€state <scp>M</scp>arkov models. Journal of Clinical Periodontology, 2014, 41, 837-845.	2.3	55
5	Influenza in workplaces: transmission, workersâ€™ adherence to sick leave advice and European sick leave recommendations. European Journal of Public Health, 2016, 26, 478-485.	0.1	53
6	Modeling the cost of influenza: the impact of missing costs of unreported complications and sick leave. BMC Public Health, 2010, 10, 724.	1.2	45
7	Preferential attachment in sexual networks. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10762-10767.	3.3	42
8	Poor self-reported adherence to COVID-19-related quarantine/isolation requests, Norway, April to July 2020. Eurosurveillance, 2020, 25, .	3.9	37
9	Dynamic model of rotavirus transmission and the impact of rotavirus vaccination in Kyrgyzstan. Vaccine, 2010, 28, 7923-7932.	1.7	31
10	Effect of Vaccines and Antivirals during the Major 2009 A(H1N1) Pandemic Wave in Norway â€“ And the Influence of Vaccination Timing. PLoS ONE, 2012, 7, e30018.	1.1	29
11	Combining optical and electrical impedance techniques for quantitative measurement of confluence in MDCK-I cell cultures. BioTechniques, 2004, 36, 650-662.	0.8	26
12	Quantifying the transmission dynamics of MRSA in the community and healthcare settings in a low-prevalence country. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14599-14605.	3.3	26
13	Risk conditions in children hospitalized with influenza in Norway, 2017â€“2019. BMC Infectious Diseases, 2020, 20, 769.	1.3	23
14	Increased transmissibility of the alpha SARS-CoV-2 variant: evidence from contact tracing data in Oslo, January to February 2021. Infectious Diseases, 2022, 54, 72-77.	1.4	21
15	Multilevel analysis of clinical parameters in chronic periodontitis after root planing/scaling, surgery, and systemic and local antibiotics: 2-year results. Journal of Oral Microbiology, 2012, 4, 17535.	1.2	20
16	The natural history of varicella zoster virus infection in Norway: Further insights on exogenous boosting and progressive immunity to herpes zoster. PLoS ONE, 2017, 12, e0176845.	1.1	19
17	Pneumococcal vaccination in older adults in the era of childhood vaccination: Public health insights from a Norwegian statistical prediction study. Epidemics, 2015, 11, 24-31.	1.5	17
18	MRSA infections in Norway: A study of the temporal evolution, 2006-2015. PLoS ONE, 2017, 12, e0179771.	1.1	17

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19	Analysis of multi-level spatial data reveals strong synchrony in seasonal influenza epidemics across Norway, Sweden, and Denmark. PLoS ONE, 2018, 13, e0197519.	1.1	17
20	Methicillin-Resistant Staphylococcus aureus (MRSA) Is Increasing in Norway: A Time Series Analysis of Reported MRSA and Methicillin-Sensitive S. aureus Cases, 1997â€“2010. PLoS ONE, 2013, 8, e70499.	1.1	16
21	A model for global diversity in response to temperature change over geological time scales, with reference to planktic organisms. Journal of Theoretical Biology, 2015, 365, 445-456.	0.8	16
22	Association between heavy precipitation events and waterborne outbreaks in four Nordic countries, 1992â€“2012. Journal of Water and Health, 2016, 14, 1019-1027.	1.1	16
23	Reâ€“evaluation of the costâ€“effectiveness and effects of childhood rotavirus vaccination in Norway. PLoS ONE, 2017, 12, e0183306.	1.1	16
24	Time-aggregated mobile phone mobility data are sufficient for modelling influenza spread: the case of Bangladesh. Journal of the Royal Society Interface, 2020, 17, 20190809.	1.5	16
25	Modelling the burden of hepatitis C infection among people who inject drugs in Norway, 1973â€“2030. BMC Infectious Diseases, 2017, 17, 541.	1.3	14
26	Estimating Age-Specific Immunity and Force of Infection of Varicella Zoster Virus in Norway Using Mixture Models. PLoS ONE, 2016, 11, e0163636.	1.1	14
27	Modeling the impact of screening policy and screening compliance on incidence and mortality of cervical cancer in the post-HPV vaccination era. Journal of Public Health, 2012, 34, 539-547.	1.0	13
28	Dynamic Modeling of Cost-effectiveness of Rotavirus Vaccination, Kazakhstan. Emerging Infectious Diseases, 2014, 20, 29-37.	2.0	12
29	Sudden emergence of a Neisseria gonorrhoeae clade with reduced susceptibility to extended-spectrum cephalosporins, Norway. Microbial Genomics, 2020, 6, .	1.0	11
30	The peer effect on pain tolerance. Scandinavian Journal of Pain, 2018, 18, 467-477.	0.5	10
31	Projected Treatment Capacity Needs in Sierra Leone. PLOS Currents, 2015, 7, .	1.4	9
32	Is the risk for sexually transmissible infections (STI) lower among women with exclusively female sexual partners compared with women with male partners? A retrospective study based on attendees at a Norwegian STI clinic from 2004 to 2014. Sexual Health, 2016, 13, 257.	0.4	8
33	The impact of public health interventions in the Nordic countries during the first year of SARS-CoV-2 transmission and evolution. Eurosurveillance, 2021, 26, .	3.9	8
34	A theoretical single-parameter model for urbanisation to study infectious disease spread and interventions. PLoS Computational Biology, 2019, 15, e1006879.	1.5	7
35	Etiology of viral respiratory tract infections in hospitalized adults, and evidence of the high frequency of prehospitalization antibiotic treatment in Norway. Health Science Reports, 2021, 4, e403.	0.6	7
36	Evaluating costs and health consequences of sick leave strategies against pandemic and seasonal influenza in Norway using a dynamic model. BMJ Open, 2019, 9, e027832.	0.8	6

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37	Dynamics of competing species in a model of adaptive radiation and macroevolution. Physical Review E, 2005, 72, 031916.	0.8	5
38	Extinctions in a spatial model of fossil communities subject to correlated environmental disturbance. Ecological Complexity, 2009, 6, 70-75.	1.4	5
39	A simple stochastic model describing genomic evolution over time of GC content in microbial symbionts. Journal of Theoretical Biology, 2020, 503, 110389.	0.8	5
40	HPV-vaccination for the prevention of cervical cancer in Austria: a model based long-term prognosis of cancer epidemiology. Zeitschrift Fur Gesundheitswissenschaften, 2010, 18, 3-13.	0.8	4
41	Frailty Effects in Networks: Comparison and Identification of Individual HeterogeneityVersusPreferential Attachment in Evolving Networks. Journal of the Royal Statistical Society Series C: Applied Statistics, 2011, 60, 239-259.	0.5	4
42	The Role of Polymorphonuclear Leukocyte Counts from Urethra, Cervix, and Vaginal Wet Mount in Diagnosis of Nongonococcal Lower Genital Tract Infection. Infectious Diseases in Obstetrics and Gynecology, 2018, 2018, 1-8.	0.4	4
43	Influenza hospitalizations during childhood in children born preterm. Influenza and Other Respiratory Viruses, 2022, 16, 247-254.	1.5	4
44	Pertussis epidemiology including direct and indirect effects of the childhood pertussis booster vaccinations, Norway, 1998â€“2019. Vaccine, 2022, 40, 3142-3149.	1.7	2
45	Clinical Outcome of Viral Respiratory Tract Infections in Hospitalized Adults in Norway: High Degree of Inflammation and Need of Emergency Care for Cases With Respiratory Syncytial Virus. Frontiers in Medicine, 2022, 9, 866494.	1.2	1
46	Assessment of Coronavirus Disease 2019 Intervention Strategies in the Nordic Countries Using Genomic Epidemiology. Open Forum Infectious Diseases, 2022, 9, ofab665.	0.4	0