

Neil Ferguson

List of Publications by Year in descending order

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Version: 2024-02-01

320
papers

52,385
citations

3721

89
h-index

2027

205
g-index

358
all docs

358
docs citations

358
times ranked

49333
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Estimates of the severity of coronavirus disease 2019: a model-based analysis. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 669-677. | 4.6 | 3,036 |
| 2 | Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. <i>Nature</i> , 2020, 584, 257-261. | 13.7 | 2,558 |
| 3 | Strategies for mitigating an influenza pandemic. <i>Nature</i> , 2006, 442, 448-452. | 13.7 | 1,863 |
| 4 | Covid-19 Vaccine Effectiveness against the Omicron (B.1.1.529) Variant. <i>New England Journal of Medicine</i> , 2022, 386, 1532-1546. | 13.9 | 1,709 |
| 5 | Pandemic Potential of a Strain of Influenza A (H1N1): Early Findings. <i>Science</i> , 2009, 324, 1557-1561. | 6.0 | 1,665 |
| 6 | Strategies for containing an emerging influenza pandemic in Southeast Asia. <i>Nature</i> , 2005, 437, 209-214. | 13.7 | 1,592 |
| 7 | Ebola Virus Disease in West Africa – The First 9 Months of the Epidemic and Forward Projections. <i>New England Journal of Medicine</i> , 2014, 371, 1481-1495. | 13.9 | 1,367 |
| 8 | A New Framework and Software to Estimate Time-Varying Reproduction Numbers During Epidemics. <i>American Journal of Epidemiology</i> , 2013, 178, 1505-1512. | 1.6 | 1,206 |
| 9 | Genomics and epidemiology of the P.1 SARS-CoV-2 lineage in Manaus, Brazil. <i>Science</i> , 2021, 372, 815-821. | 6.0 | 1,125 |
| 10 | Transmission Dynamics of the Etiological Agent of SARS in Hong Kong: Impact of Public Health Interventions. <i>Science</i> , 2003, 300, 1961-1966. | 6.0 | 1,004 |
| 11 | Assessing transmissibility of SARS-CoV-2 lineage B.1.1.7 in England. <i>Nature</i> , 2021, 593, 266-269. | 13.7 | 1,001 |
| 12 | Factors that make an infectious disease outbreak controllable. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6146-6151. | 3.3 | 1,000 |
| 13 | Time Lines of Infection and Disease in Human Influenza: A Review of Volunteer Challenge Studies. <i>American Journal of Epidemiology</i> , 2008, 167, 775-785. | 1.6 | 927 |
| 14 | Comparative analysis of the risks of hospitalisation and death associated with SARS-CoV-2 omicron (B.1.1.529) and delta (B.1.617.2) variants in England: a cohort study. <i>Lancet</i> , The, 2022, 399, 1303-1312. | 6.3 | 889 |
| 15 | Suppression of a SARS-CoV-2 outbreak in the Italian municipality of Vo – . <i>Nature</i> , 2020, 584, 425-429. | 13.7 | 872 |
| 16 | Epidemiological determinants of spread of causal agent of severe acute respiratory syndrome in Hong Kong. <i>Lancet</i> , The, 2003, 361, 1761-1766. | 6.3 | 840 |
| 17 | Resurgence of COVID-19 in Manaus, Brazil, despite high seroprevalence. <i>Lancet</i> , The, 2021, 397, 452-455. | 6.3 | 720 |
| 18 | The impact of COVID-19 and strategies for mitigation and suppression in low- and middle-income countries. <i>Science</i> , 2020, 369, 413-422. | 6.0 | 718 |

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|----|---|------|-----------|
| 19 | The effect of public health measures on the 1918 influenza pandemic in U.S. cities. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7588-7593. | 3.3 | 627 |
| 20 | Community transmission and viral load kinetics of the SARS-CoV-2 delta (B.1.617.2) variant in vaccinated and unvaccinated individuals in the UK: a prospective, longitudinal, cohort study. Lancet Infectious Diseases, The, 2022, 22, 183-195. | 4.6 | 585 |
| 21 | Ecological and immunological determinants of influenza evolution. Nature, 2003, 422, 428-433. | 13.7 | 580 |
| 22 | The Foot-and-Mouth Epidemic in Great Britain: Pattern of Spread and Impact of Interventions. Science, 2001, 292, 1155-1160. | 6.0 | 577 |
| 23 | Estimating the impact of school closure on influenza transmission from Sentinel data. Nature, 2008, 452, 750-754. | 13.7 | 577 |
| 24 | Potential impact of the COVID-19 pandemic on HIV, tuberculosis, and malaria in low-income and middle-income countries: a modelling study. The Lancet Global Health, 2020, 8, e1132-e1141. | 2.9 | 573 |
| 25 | Modeling targeted layered containment of an influenza pandemic in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4639-4644. | 3.3 | 570 |
| 26 | Transmission dynamics and epidemiology of BSE in British cattle. Nature, 1996, 382, 779-788. | 13.7 | 565 |
| 27 | Evolution and epidemic spread of SARS-CoV-2 in Brazil. Science, 2020, 369, 1255-1260. | 6.0 | 454 |
| 28 | Reducing Plasmodium falciparum Malaria Transmission in Africa: A Model-Based Evaluation of Intervention Strategies. PLoS Medicine, 2010, 7, e1000324. | 3.9 | 451 |
| 29 | Closure of schools during an influenza pandemic. Lancet Infectious Diseases, The, 2009, 9, 473-481. | 4.6 | 448 |
| 30 | Household Transmission of 2009 Pandemic Influenza A (H1N1) Virus in the United States. New England Journal of Medicine, 2009, 361, 2619-2627. | 13.9 | 420 |
| 31 | Epidemiology, transmission dynamics and control of SARS: the 2002-2003 epidemic. Philosophical Transactions of the Royal Society B: Biological Sciences, 2004, 359, 1091-1105. | 1.8 | 412 |
| 32 | Reduction in mobility and COVID-19 transmission. Nature Communications, 2021, 12, 1090. | 5.8 | 394 |
| 33 | Transmission intensity and impact of control policies on the foot and mouth epidemic in Great Britain. Nature, 2001, 413, 542-548. | 13.7 | 371 |
| 34 | Comparative community burden and severity of seasonal and pandemic influenza: results of the Flu Watch cohort study. Lancet Respiratory Medicine, the, 2014, 2, 445-454. | 5.2 | 341 |
| 35 | Planning for smallpox outbreaks. Nature, 2003, 425, 681-685. | 13.7 | 324 |
| 36 | Role of social networks in shaping disease transmission during a community outbreak of 2009 H1N1 pandemic influenza. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2825-2830. | 3.3 | 315 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Assessing the global threat from Zika virus. <i>Science</i> , 2016, 353, aaf8160. | 6.0 | 311 |
| 38 | Middle East respiratory syndrome coronavirus: quantification of the extent of the epidemic, surveillance biases, and transmissibility. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 50-56. | 4.6 | 298 |
| 39 | Face Mask Use and Control of Respiratory Virus Transmission in Households. <i>Emerging Infectious Diseases</i> , 2009, 15, 233-241. | 2.0 | 298 |
| 40 | The Epidemiology of Severe Acute Respiratory Syndrome in the 2003 Hong Kong Epidemic: An Analysis of All 1755 Patients. <i>Annals of Internal Medicine</i> , 2004, 141, 662. | 2.0 | 293 |
| 41 | Face Mask Use and Control of Respiratory Virus Transmission in Households. <i>Emerging Infectious Diseases</i> , 2009, 15, 233-241. | 2.0 | 285 |
| 42 | Safety, tolerability and viral kinetics during SARS-CoV-2 human challenge in young adults. <i>Nature Medicine</i> , 2022, 28, 1031-1041. | 15.2 | 281 |
| 43 | Chaos, Persistence, and Evolution of Strain Structure in Antigenically Diverse Infectious Agents. <i>Science</i> , 1998, 280, 912-915. | 6.0 | 272 |
| 44 | Capturing human behaviour. <i>Nature</i> , 2007, 446, 733-733. | 13.7 | 271 |
| 45 | Countering the Zika epidemic in Latin America. <i>Science</i> , 2016, 353, 353-354. | 6.0 | 250 |
| 46 | Yellow Fever in Africa: Estimating the Burden of Disease and Impact of Mass Vaccination from Outbreak and Serological Data. <i>PLoS Medicine</i> , 2014, 11, e1001638. | 3.9 | 239 |
| 47 | Age groups that sustain resurging COVID-19 epidemics in the United States. <i>Science</i> , 2021, 371, . | 6.0 | 239 |
| 48 | Rapid folding with and without populated intermediates in the homologous four-helix proteins Im7 and Im9 1 1 Edited by A. R. Fersht. <i>Journal of Molecular Biology</i> , 1999, 286, 1597-1608. | 2.0 | 236 |
| 49 | After Ebola in West Africa "Unpredictable Risks, Preventable Epidemics. <i>New England Journal of Medicine</i> , 2016, 375, 587-596. | 13.9 | 216 |
| 50 | A cluster randomized clinical trial comparing fit-tested and non-fit-tested N95 respirators to medical masks to prevent respiratory virus infection in health care workers. <i>Influenza and Other Respiratory Viruses</i> , 2011, 5, 170-179. | 1.5 | 213 |
| 51 | Use of serological surveys to generate key insights into the changing global landscape of infectious disease. <i>Lancet, The</i> , 2016, 388, 728-730. | 6.3 | 213 |
| 52 | Assessing the severity of the novel influenza A/H1N1 pandemic. <i>BMJ: British Medical Journal</i> , 2009, 339, b2840-b2840. | 2.4 | 212 |
| 53 | Bayesian Reconstruction of Disease Outbreaks by Combining Epidemiologic and Genomic Data. <i>PLoS Computational Biology</i> , 2014, 10, e1003457. | 1.5 | 207 |
| 54 | Modeling the impact on virus transmission of <i>Wolbachia</i> -mediated blocking of dengue virus infection of <i>Aedes aegypti</i> . <i>Science Translational Medicine</i> , 2015, 7, 279ra37. | 5.8 | 204 |

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|----|--|------|-----------|
| 55 | Will travel restrictions control the international spread of pandemic influenza?. <i>Nature Medicine</i> , 2006, 12, 497-499. | 15.2 | 200 |
| 56 | Benefits and risks of the Sanofi-Pasteur dengue vaccine: Modeling optimal deployment. <i>Science</i> , 2016, 353, 1033-1036. | 6.0 | 195 |
| 57 | Predicted vCJD mortality in Great Britain. <i>Nature</i> , 2000, 406, 583-584. | 13.7 | 187 |
| 58 | Transmission dynamics and epidemiology of dengue: insights from age-stratified sero-prevalence surveys. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 757-768. | 1.8 | 182 |
| 59 | The Long-Term Safety, Public Health Impact, and Cost-Effectiveness of Routine Vaccination with a Recombinant, Live-Attenuated Dengue Vaccine (Dengvaxia): A Model Comparison Study. <i>PLoS Medicine</i> , 2016, 13, e1002181. | 3.9 | 178 |
| 60 | Modelling the impact of vector control interventions on <i>Anopheles gambiae</i> population dynamics. <i>Parasites and Vectors</i> , 2011, 4, 153. | 1.0 | 177 |
| 61 | General structural motifs of amyloid protofilaments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16248-16253. | 3.3 | 176 |
| 62 | West African Ebola Epidemic after One Year – Slowing but Not Yet under Control. <i>New England Journal of Medicine</i> , 2015, 372, 584-587. | 13.9 | 174 |
| 63 | Managing and Reducing Uncertainty in an Emerging Influenza Pandemic. <i>New England Journal of Medicine</i> , 2009, 361, 112-115. | 13.9 | 172 |
| 64 | Comparison of molecular testing strategies for COVID-19 control: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1381-1389. | 4.6 | 171 |
| 65 | Potential Biases in Estimating Absolute and Relative Case-Fatality Risks during Outbreaks. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003846. | 1.3 | 170 |
| 66 | Estimates of the changing age-burden of <i>Plasmodium falciparum</i> malaria disease in sub-Saharan Africa. <i>Nature Communications</i> , 2014, 5, 3136. | 5.8 | 169 |
| 67 | When are pathogen genome sequences informative of transmission events?. <i>PLoS Pathogens</i> , 2018, 14, e1006885. | 2.1 | 169 |
| 68 | Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Setting-specific Transmission Rates: A Systematic Review and Meta-analysis. <i>Clinical Infectious Diseases</i> , 2021, 73, e754-e764. | 2.9 | 160 |
| 69 | PUBLIC HEALTH: Enhanced: Public Health Risk from the Avian H5N1 Influenza Epidemic. <i>Science</i> , 2004, 304, 968-969. | 6.0 | 154 |
| 70 | Adapting hospital capacity to meet changing demands during the COVID-19 pandemic. <i>BMC Medicine</i> , 2020, 18, 329. | 2.3 | 144 |
| 71 | Estimating the health impact of vaccination against ten pathogens in 98 low-income and middle-income countries from 2000 to 2030: a modelling study. <i>Lancet, The</i> , 2021, 397, 398-408. | 6.3 | 144 |
| 72 | Spatial heterogeneity and the persistence of infectious diseases. <i>Journal of Theoretical Biology</i> , 2004, 229, 349-359. | 0.8 | 142 |

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|----|--|------|-----------|
| 73 | Malaria morbidity and mortality in Ebola-affected countries caused by decreased health-care capacity, and the potential effect of mitigation strategies: a modelling analysis. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 825-832. | 4.6 | 141 |
| 74 | Real-time Estimates in Early Detection of SARS. <i>Emerging Infectious Diseases</i> , 2012, 12, 110-113. | 2.0 | 141 |
| 75 | Modelling the Impact of Antiretroviral Use in Resource-Poor Settings. <i>PLoS Medicine</i> , 2006, 3, e124. | 3.9 | 137 |
| 76 | Response to COVID-19 in South Korea and implications for lifting stringent interventions. <i>BMC Medicine</i> , 2020, 18, 321. | 2.3 | 137 |
| 77 | A review of epidemiological parameters from Ebola outbreaks to inform early public health decision-making. <i>Scientific Data</i> , 2015, 2, 150019. | 2.4 | 136 |
| 78 | Mapping global variation in dengue transmission intensity. <i>Science Translational Medicine</i> , 2020, 12, . | 5.8 | 131 |
| 79 | Smallpox transmission and control: Spatial dynamics in Great Britain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12637-12642. | 3.3 | 125 |
| 80 | The epidemiology of BSE in cattle herds in Great Britain. II. Model construction and analysis of transmission dynamics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 803-838. | 1.8 | 120 |
| 81 | Deliberations of the Strategic Advisory Group of Experts on Immunization on the use of CYD-TDV dengue vaccine. <i>Lancet Infectious Diseases</i> , The, 2019, 19, e31-e38. | 4.6 | 120 |
| 82 | Non-pharmaceutical interventions, vaccination, and the SARS-CoV-2 delta variant in England: a mathematical modelling study. <i>Lancet</i> , The, 2021, 398, 1825-1835. | 6.3 | 119 |
| 83 | Ebola Virus Disease among Children in West Africa. <i>New England Journal of Medicine</i> , 2015, 372, 1274-1277. | 13.9 | 118 |
| 84 | Changing composition of SARS-CoV-2 lineages and rise of Delta variant in England. <i>EClinicalMedicine</i> , 2021, 39, 101064. | 3.2 | 116 |
| 85 | Likelihood-based estimation of continuous-time epidemic models from time-series data: application to measles transmission in London. <i>Journal of the Royal Society Interface</i> , 2008, 5, 885-897. | 1.5 | 111 |
| 86 | Challenges and opportunities in controlling mosquito-borne infections. <i>Nature</i> , 2018, 559, 490-497. | 13.7 | 111 |
| 87 | Early events in protein folding. <i>Current Opinion in Structural Biology</i> , 2003, 13, 75-81. | 2.6 | 109 |
| 88 | Estimating the most efficient allocation of interventions to achieve reductions in Plasmodium falciparum malaria burden and transmission in Africa: a modelling study. <i>The Lancet Global Health</i> , 2016, 4, e474-e484. | 2.9 | 107 |
| 89 | Adoption and impact of non-pharmaceutical interventions for COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 59. | 0.9 | 106 |
| 90 | State-level tracking of COVID-19 in the United States. <i>Nature Communications</i> , 2020, 11, 6189. | 5.8 | 104 |

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|-----|---|------|-----------|
| 91 | A population-dynamic model for evaluating the potential spread of drug-resistant influenza virus infections during community-based use of antivirals. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 977-990. | 1.3 | 102 |
| 92 | Determinants of the Spatiotemporal Dynamics of the 2009 H1N1 Pandemic in Europe: Implications for Real-Time Modelling. <i>PLoS Computational Biology</i> , 2011, 7, e1002205. | 1.5 | 102 |
| 93 | Ultra-fast Barrier-limited Folding in the Peripheral Subunit-binding Domain Family. <i>Journal of Molecular Biology</i> , 2005, 353, 427-446. | 2.0 | 99 |
| 94 | Within-host viral dynamics of dengue serotype 1 infection. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140094. | 1.5 | 97 |
| 95 | The role of rapid diagnostics in managing Ebola epidemics. <i>Nature</i> , 2015, 528, S109-S116. | 13.7 | 97 |
| 96 | Unraveling the drivers of MERS-CoV transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9081-9086. | 3.3 | 95 |
| 97 | Transmission scenarios for Middle East Respiratory Syndrome Coronavirus (MERS-CoV) and how to tell them apart. <i>Eurosurveillance</i> , 2013, 18, . | 3.9 | 95 |
| 98 | $\hat{1}$ -Analysis at the Experimental Limits: Mechanism of $\hat{1}$ -Hairpin Formation. <i>Journal of Molecular Biology</i> , 2006, 360, 865-881. | 2.0 | 94 |
| 99 | Epidemiological and genetic analysis of severe acute respiratory syndrome. <i>Lancet Infectious Diseases</i> , The, 2004, 4, 672-683. | 4.6 | 93 |
| 100 | Outbreak of Ebola virus disease in the Democratic Republic of the Congo, April–May, 2018: an epidemiological study. <i>Lancet</i> , The, 2018, 392, 213-221. | 6.3 | 93 |
| 101 | Estimating the human health risk from possible BSE infection of the British sheep flock. <i>Nature</i> , 2002, 415, 420-424. | 13.7 | 91 |
| 102 | Implications of BSE infection screening data for the scale of the British BSE epidemic and current European infection levels. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2179-2190. | 1.2 | 90 |
| 103 | Transmission Parameters of the 2001 Foot and Mouth Epidemic in Great Britain. <i>PLoS ONE</i> , 2007, 2, e502. | 1.1 | 90 |
| 104 | Using Wolbachia for Dengue Control: Insights from Modelling. <i>Trends in Parasitology</i> , 2018, 34, 102-113. | 1.5 | 90 |
| 105 | Key epidemiological drivers and impact of interventions in the 2020 SARS-CoV-2 epidemic in England. <i>Science Translational Medicine</i> , 2021, 13, . | 5.8 | 89 |
| 106 | Evaluating the Adequacy of Gravity Models as a Description of Human Mobility for Epidemic Modelling. <i>PLoS Computational Biology</i> , 2012, 8, e1002699. | 1.5 | 86 |
| 107 | Spatial dynamics of the 1918 influenza pandemic in England, Wales and the United States. <i>Journal of the Royal Society Interface</i> , 2011, 8, 233-243. | 1.5 | 85 |
| 108 | Contrasting benefits of different artemisinin combination therapies as first-line malaria treatments using model-based cost-effectiveness analysis. <i>Nature Communications</i> , 2014, 5, 5606. | 5.8 | 85 |

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|-----|--|-----|-----------|
| 109 | A Change in Vaccine Efficacy and Duration of Protection Explains Recent Rises in Pertussis Incidence in the United States. <i>PLoS Computational Biology</i> , 2015, 11, e1004138. | 1.5 | 85 |
| 110 | Epidemiological determinants of the pattern and magnitude of the vCJD epidemic in Great Britain. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 2443-2452. | 1.2 | 84 |
| 111 | Influenza Infection Rates, Measurement Errors and the Interpretation of Paired Serology. <i>PLoS Pathogens</i> , 2012, 8, e1003061. | 2.1 | 84 |
| 112 | Estimating Dengue Transmission Intensity from Sero-Prevalence Surveys in Multiple Countries. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003719. | 1.3 | 84 |
| 113 | Seroprevalence of IgG antibodies to SARS-coronavirus in asymptomatic or subclinical population groups. <i>Epidemiology and Infection</i> , 2006, 134, 211-221. | 1.0 | 83 |
| 114 | Influenza Transmission in Households During the 1918 Pandemic. <i>American Journal of Epidemiology</i> , 2011, 174, 505-514. | 1.6 | 83 |
| 115 | Heterogeneities in the case fatality ratio in the West African Ebola outbreak 2013â€“2016. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160308. | 1.8 | 83 |
| 116 | Immune correlates of protection for dengue: State of the art and research agenda. <i>Vaccine</i> , 2017, 35, 4659-4669. | 1.7 | 81 |
| 117 | Clinical Characteristics and Predictors of Outcomes of Hospitalized Patients With Coronavirus Disease 2019 in a Multiethnic London National Health Service Trust: A Retrospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2021, 73, e4047-e4057. | 2.9 | 81 |
| 118 | Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. <i>Wellcome Open Research</i> , 2020, 5, 81. | 0.9 | 81 |
| 119 | Rapid amyloid fiber formation from the fast-folding WW domain FBP28. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9814-9819. | 3.3 | 78 |
| 120 | The epidemiological impact of antiretroviral use predicted by mathematical models: a review. <i>Emerging Themes in Epidemiology</i> , 2005, 2, 9. | 1.2 | 78 |
| 121 | Updated projections of future vCJD deaths in the UK. <i>BMC Infectious Diseases</i> , 2003, 3, 4. | 1.3 | 76 |
| 122 | Novel microscale approaches for easy, rapid determination of protein stability in academic and commercial settings. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 2241-2250. | 1.1 | 76 |
| 123 | The Early Transmission Dynamics of H1N1pdm Influenza in the United Kingdom. <i>PLOS Currents</i> , 2009, 1, RRN1130. | 1.4 | 76 |
| 124 | More Realistic Models of Sexually Transmitted Disease Transmission Dynamics. <i>Sexually Transmitted Diseases</i> , 2000, 27, 600-609. | 0.8 | 75 |
| 125 | Studies Needed to Address Public Health Challenges of the 2009 H1N1 Influenza Pandemic: Insights from Modeling. <i>PLoS Medicine</i> , 2010, 7, e1000275. | 3.9 | 75 |
| 126 | Under-reporting of deaths limits our understanding of true burden of covid-19. <i>BMJ, The</i> , 2021, 375, n2239. | 3.0 | 75 |

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|-----|--|-----|-----------|
| 127 | Transmission scenarios for Middle East Respiratory Syndrome Coronavirus (MERS-CoV) and how to tell them apart. <i>Eurosurveillance</i> , 2013, 18, . | 3.9 | 75 |
| 128 | Improving influenza vaccine virus selectionReport of a WHO informal consultation held at WHO headquarters, Geneva, Switzerland, 14â€“16 June 2010. <i>Influenza and Other Respiratory Viruses</i> , 2012, 6, 142-152. | 1.5 | 73 |
| 129 | Assessing the epidemiological effect of wolbachia for dengue control. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 862-866. | 4.6 | 73 |
| 130 | SARS-CoV Antibody Prevalence in All Hong Kong Patient Contacts. <i>Emerging Infectious Diseases</i> , 2004, 10, 1653-1656. | 2.0 | 72 |
| 131 | Exposure Patterns Driving Ebola Transmission in West Africa: A Retrospective Observational Study. <i>PLoS Medicine</i> , 2016, 13, e1002170. | 3.9 | 72 |
| 132 | Within-country age-based prioritisation, global allocation, and public health impact of a vaccine against SARS-CoV-2: A mathematical modelling analysis. <i>Vaccine</i> , 2021, 39, 2995-3006. | 1.7 | 71 |
| 133 | One-state Downhill versus Conventional Protein Folding. <i>Journal of Molecular Biology</i> , 2004, 344, 295-301. | 2.0 | 70 |
| 134 | Frequent Travelers and Rate of Spread of Epidemics. <i>Emerging Infectious Diseases</i> , 2007, 13, 1288-1294. | 2.0 | 70 |
| 135 | Key data for outbreak evaluation: building on the Ebola experience. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160371. | 1.8 | 70 |
| 136 | Have deaths from COVID-19 in Europe plateaued due to herd immunity?. <i>Lancet</i> , The, 2020, 395, e110-e111. | 6.3 | 70 |
| 137 | The Ecological Dynamics of Fecal Contamination and Salmonella Typhi and Salmonella Paratyphi A in Municipal Kathmandu Drinking Water. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004346. | 1.3 | 70 |
| 138 | Epidemic and intervention modelling â€“ a scientific rationale for policy decisions? Lessons from the 2009 influenza pandemic. <i>Bulletin of the World Health Organization</i> , 2012, 90, 306-310. | 1.5 | 68 |
| 139 | The global burden of yellow fever. <i>ELife</i> , 2021, 10, . | 2.8 | 66 |
| 140 | Essential epidemiological mechanisms underpinning the transmission dynamics of seasonal influenza. <i>Journal of the Royal Society Interface</i> , 2012, 9, 304-312. | 1.5 | 65 |
| 141 | Childrenâ€™s role in the COVID-19 pandemic: a systematic review of early surveillance data on susceptibility, severity, and transmissibility. <i>Scientific Reports</i> , 2021, 11, 13903. | 1.6 | 65 |
| 142 | Control of a highly pathogenic H5N1 avian influenza outbreak in the GB poultry flock. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2287-2295. | 1.2 | 64 |
| 143 | Thermodynamic origins of protein folding, allostery, and capsid formation in the human hepatitis B virus core protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2782-91. | 3.3 | 64 |
| 144 | A simple approach to measure transmissibility and forecast incidence. <i>Epidemics</i> , 2018, 22, 29-35. | 1.5 | 63 |

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|-----|---|------|-----------|
| 145 | The epidemiology of BSE in cattle herds in Great Britain. I. Epidemiological processes, demography of cattle and approaches to control by culling. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 781-801. | 1.8 | 62 |
| 146 | Repurposing isoxazoline veterinary drugs for control of vector-borne human diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6920-E6926. | 3.3 | 62 |
| 147 | Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. <i>Wellcome Open Research</i> , 2020, 5, 81. | 0.9 | 62 |
| 148 | The seasonal influence of climate and environment on yellow fever transmission across Africa. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006284. | 1.3 | 62 |
| 149 | Antigen-driven CD4+ T cell and HIV-1 dynamics: Residual viral replication under highly active antiretroviral therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 15167-15172. | 3.3 | 61 |
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