

Daniela De Angelis

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

4,261
citations

136950

32
h-index

133252

59
g-index

85
all docs

85
docs citations

85
times ranked

4977
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	13.7	889
2	Hospital admission and emergency care attendance risk for SARS-CoV-2 delta (B.1.617.2) compared with alpha (B.1.1.7) variants of concern: a cohort study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 35-42.	9.1	612
3	The impact of needle and syringe provision and opiate substitution therapy on the incidence of hepatitis C virus in injecting drug users: pooling of UK evidence. <i>Addiction</i> , 2011, 106, 1978-1988.	3.3	271
4	Risk of hospital admission for patients with SARS-CoV-2 variant B.1.1.7: cohort analysis. <i>BMJ</i> , The, 2021, 373, n1412.	6.0	114
5	HIV incidence in men who have sex with men in England and Wales 2001-10: a nationwide population study. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 313-318.	9.1	100
6	A Markov model for HIV disease progression including the effect of HIV diagnosis and treatment: Application to AIDS prediction in England and Wales. , 1997, 16, 2191-2210.		90
7	<sc>HCV</sc> treatment rates and sustained viral response among people who inject drugs in seven <sc>UK</sc> sites: real world results and modelling of treatment impact. <i>Journal of Viral Hepatitis</i> , 2015, 22, 399-408.	2.0	86
8	Hepatitis C prevalence in England remains low and varies by ethnicity: an updated evidence synthesis. <i>European Journal of Public Health</i> , 2012, 22, 187-192.	0.3	79
9	Estimating HIV Incidence, Time to Diagnosis, and the Undiagnosed HIV Epidemic Using Routine Surveillance Data. <i>Epidemiology</i> , 2015, 26, 653-660.	2.7	79
10	Hepatitis C virus treatment as prevention in people who inject drugs. <i>Current Opinion in Infectious Diseases</i> , 2015, 28, 576-582.	3.1	78
11	Increased uptake and new therapies are needed to avert rising hepatitis C-related end stage liver disease in England: Modelling the predicted impact of treatment under different scenarios. <i>Journal of Hepatology</i> , 2014, 61, 530-537.	3.7	76
12	Effect of pre-exposure prophylaxis and combination HIV prevention for men who have sex with men in the UK: a mathematical modelling study. <i>Lancet HIV</i> , the, 2016, 3, e94-e104.	4.7	68
13	Assessing the impact of national anti-HIV sexual health campaigns: trends in the transmission of HIV and other sexually transmitted infections in England. <i>Sexually Transmitted Infections</i> , 2001, 77, 242-247.	1.9	65
14	An evidence synthesis approach to estimating Hepatitis C Prevalence in England and Wales. <i>Statistical Methods in Medical Research</i> , 2009, 18, 361-379.	1.5	65
15	Estimates of Human Immunodeficiency Virus Prevalence and Proportion Diagnosed Based on Bayesian Multiparameter Synthesis of Surveillance Data. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2008, 171, 541-580.	1.1	64
16	Real-time nowcasting and forecasting of COVID-19 dynamics in England: the first wave. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200279.	4.0	62
17	Four key challenges in infectious disease modelling using data from multiple sources. <i>Epidemics</i> , 2015, 10, 83-87.	3.0	59
18	The burden of hepatitis C in England. <i>Journal of Viral Hepatitis</i> , 2007, 14, 570-576.	2.0	57

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19	Estimating the prevalence of ex-injecting drug use in the population. <i>Statistical Methods in Medical Research</i> , 2009, 18, 381-395.	1.5	56
20	Hepatitis C Infection Among Injecting Drug Users in England and Wales (1992-2006): There and Back Again?. <i>American Journal of Epidemiology</i> , 2009, 170, 352-360.	3.4	50
21	Potential impact on HIV incidence of higher HIV testing rates and earlier antiretroviral therapy initiation in MSM. <i>Aids</i> , 2015, 29, 1855-1862.	2.2	49
22	Bayesian back-calculation using a multi-state model with application to HIV. <i>Statistics in Medicine</i> , 2005, 24, 3991-4007.	1.6	45
23	Towards elimination of HIV transmission, AIDS and HIV-related deaths in the UK. <i>HIV Medicine</i> , 2018, 19, 505-512.	2.2	45
24	Bayesian Emulation and Calibration of a Dynamic Epidemic Model for A/H1N1 Influenza. <i>Journal of the American Statistical Association</i> , 2014, 109, 1398-1411.	3.1	43
25	Defining populations and injecting parameters among people who inject drugs: Implications for the assessment of hepatitis C treatment programs. <i>International Journal of Drug Policy</i> , 2015, 26, 950-957.	3.3	42
26	Cost-effectiveness of pegylated interferon and ribavirin for patients with chronic hepatitis C treated in routine clinical practice. <i>International Journal of Technology Assessment in Health Care</i> , 2009, 25, 171-180.	0.5	41
27	New therapy explains the fall in AIDS incidence with a substantial rise in number of persons on treatment expected. <i>Aids</i> , 1999, 13, 103-108.	2.2	40
28	COVID-19 due to the B.1.617.2 (Delta) variant compared to B.1.1.7 (Alpha) variant of SARS-CoV-2: a prospective observational cohort study. <i>Scientific Reports</i> , 2022, 12, .	3.3	39
29	Estimating hepatitis C prevalence in England and Wales by synthesizing evidence from multiple data sources. Assessing data conflict and model fit. <i>Biostatistics</i> , 2008, 9, 715-734.	1.5	38
30	Multi-state Markov models for disease progression in the presence of informative examination times: An application to hepatitis C. <i>Statistics in Medicine</i> , 2010, 29, 1161-1174.	1.6	37
31	New treatments for hepatitis C virus (HCV): scope for preventing liver disease and HCV transmission in England. <i>Journal of Viral Hepatitis</i> , 2016, 23, 631-643.	2.0	37
32	The UK's pandemic influenza research portfolio: a model for future research on emerging infections. <i>Lancet Infectious Diseases</i> , The, 2019, 19, e295-e300.	9.1	37
33	Analytical and Bootstrap Approximations to Estimator Distributions in L1 Regression. <i>Journal of the American Statistical Association</i> , 1993, 88, 1310-1316.	3.1	36
34	Response rates to combination therapy for chronic HCV infection in a clinical setting and derivation of probability tables for individual patient management. <i>Journal of Viral Hepatitis</i> , 2008, 15, 271-278.	2.0	34
35	Monitoring the hepatitis C epidemic in England and evaluating intervention scale-up using routinely collected data. <i>Journal of Viral Hepatitis</i> , 2019, 26, 541-551.	2.0	34
36	Conflict Diagnostics in Directed Acyclic Graphs, with Applications in Bayesian Evidence Synthesis. <i>Statistical Science</i> , 2013, 28, .	2.8	33

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37	Factors affecting repeated cessations of injecting drug use and relapses during the entire injecting career among the Edinburgh Addiction Cohort. <i>Drug and Alcohol Dependence</i> , 2015, 151, 76-83.	3.2	31
38	Bayesian evidence synthesis for a transmission dynamic model for HIV among men who have sex with men. <i>Biostatistics</i> , 2011, 12, 666-681.	1.5	30
39	Evaluating the population impact of hepatitis C direct acting antiviral treatment as prevention for people who inject drugs (EPIToPe) – a natural experiment (protocol). <i>BMJ Open</i> , 2019, 9, e029538.	1.9	30
40	MultiBUGS: A Parallel Implementation of the BUGS Modeling Framework for Faster Bayesian Inference. <i>Journal of Statistical Software</i> , 2020, 95, .	3.7	29
41	Estimating the Relative Incidence of Heroin Use: Application of a Method for Adjusting Observed Reports of First Visits to Specialized Drug Treatment Agencies. <i>American Journal of Epidemiology</i> , 2001, 153, 632-641.	3.4	27
42	Estimation of the rate of diagnosis of HIV infection in HIV infected individuals. <i>Biometrika</i> , 1994, 81, 287-294.	2.4	25
43	The Use of Human Immunodeficiency Virus Diagnosis Information in Monitoring the Acquired Immune Deficiency Syndrome Epidemic. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 1994, 157, 3.	1.1	23
44	Estimating the number of people with hepatitis C virus who have ever injected drugs and have yet to be diagnosed: an evidence synthesis approach for Scotland. <i>Addiction</i> , 2015, 110, 1287-1300.	3.3	22
45	Mathematical models for the study of HIV spread and control amongst men who have sex with men. <i>European Journal of Epidemiology</i> , 2011, 26, 695-709.	5.7	21
46	Monitoring of the HIV Epidemic Using Routinely Collected Data: The Case of the United Kingdom. <i>AIDS and Behavior</i> , 2017, 21, 83-90.	2.7	21
47	Bayesian projection of the acquired immune deficiency syndrome epidemic. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2002, 47, 449-498.	1.0	20
48	Estimating the prevalence of problem drug use from drug-related mortality data. <i>Addiction</i> , 2020, 115, 2393-2404.	3.3	20
49	Elimination prospects of the Dutch HIV epidemic among men who have sex with men in the era of preexposure prophylaxis. <i>Aids</i> , 2018, 32, 2615-2623.	2.2	18
50	Evidence Synthesis for Stochastic Epidemic Models. <i>Statistical Science</i> , 2018, 33, 34-43.	2.8	17
51	Acquired Immune Deficiency Syndrome Predictions for England and Wales (1992-97): Sensitivity Analysis, Information, Decision. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 1995, 158, 505.	1.1	16
52	Multiple parameter evidence synthesis – a potential solution for when information on drug use and harm is in conflict. <i>Addiction</i> , 2013, 108, 1529-1531.	3.3	16
53	Estimating age-stratified influenza-associated invasive pneumococcal disease in England: A time-series model based on population surveillance data. <i>PLoS Medicine</i> , 2019, 16, e1002829.	8.4	16
54	Applying prospective genomic surveillance to support investigation of hospital-onset COVID-19. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 916-917.	9.1	14

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55	AIDS: the statistical basis for public health. <i>Statistical Methods in Medical Research</i> , 1993, 2, 75-91.	1.5	12
56	Reconstructing a spatially heterogeneous epidemic: Characterising the geographic spread of 2009 A/H1N1pdm infection in England. <i>Scientific Reports</i> , 2016, 6, 29004.	3.3	11
57	Tracking elimination of HIV transmission in men who have sex with men in England: a modelling study. <i>Lancet HIV</i> , 2021, 8, e440-e448.	4.7	11
58	Estimating time to onset of swine influenza symptoms after initial novel A(H1N1v) viral infection. <i>Epidemiology and Infection</i> , 2011, 139, 1418-1424.	2.1	10
59	Incidence of <i>Chlamydia trachomatis</i> infection in women in England: two methods of estimation. <i>Epidemiology and Infection</i> , 2014, 142, 562-576.	2.1	10
60	Estimation of HIV Burden through Bayesian Evidence Synthesis. <i>Statistical Science</i> , 2014, 29, .	2.8	10
61	A Bayesian multivariate factor analysis model for evaluating an intervention by using observational time series data on multiple outcomes. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2020, 183, 1437-1459.	1.1	10
62	Trends in undiagnosed HIV prevalence in England and implications for eliminating HIV transmission by 2030: an evidence synthesis model. <i>Lancet Public Health</i> , 2021, 6, e739-e751.	10.0	10
63	Impact of HIV on adult (15-54) mortality in London: 1979-96. <i>Sexually Transmitted Infections</i> , 1999, 75, 385-388.	1.9	9
64	Risk factors associated with severe hospital burden of COVID-19 disease in Regione Lombardia: a cohort study. <i>BMC Infectious Diseases</i> , 2021, 21, 1041.	2.9	9
65	Adjusting for time of infection or positive test when estimating the risk of a post-infection outcome in an epidemic. <i>Statistical Methods in Medical Research</i> , 2022, 31, 1942-1958.	1.5	9
66	Premature Mortality in Scottish Injecting Drug Users: A Life-history Approach. <i>Scottish Medical Journal</i> , 2012, 57, 38-42.	1.3	8
67	Quantifying Efficiency Gains of Innovative Designs of Two-Arm Vaccine Trials for COVID-19 Using an Epidemic Simulation Model. <i>Statistics in Biopharmaceutical Research</i> , 2022, 14, 33-41.	0.8	8
68	Efficient real-time monitoring of an emerging influenza pandemic: How feasible?. <i>Annals of Applied Statistics</i> , 2020, 14, 74-93.	1.1	8
69	Spatial mapping of hepatitis C prevalence in recent injecting drug users in contact with services. <i>Epidemiology and Infection</i> , 2012, 140, 1054-1063.	2.1	7
70	Forecasting the 2017/2018 seasonal influenza epidemic in England using multiple dynamic transmission models: a case study. <i>BMC Public Health</i> , 2020, 20, 486.	2.9	7
71	Real-time modelling of a pandemic influenza outbreak. <i>Health Technology Assessment</i> , 2017, 21, 1-118.	2.8	7
72	Hospitalization and Mortality Risk for COVID-19 Cases With SARS-CoV-2 AY.4.2 (VUI-21OCT-01) Compared to Non-AY.4.2 Delta Variant Sublineages. <i>Journal of Infectious Diseases</i> , 2022, 226, 808-811.	4.0	7

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73	A comparison of two frameworks for multi-state modelling, applied to outcomes after hospital admissions with COVID-19. <i>Statistical Methods in Medical Research</i> , 0, , 096228022211067.	1.5	7
74	Estimating Acquired Immune Deficiency Syndrome Incidence Accounting for Reporting Delay. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 1994, 157, 31.	1.1	6
75	Bootstrapping unit root tests. <i>Applied Economics</i> , 1997, 29, 1155-1161.	2.2	6
76	Extending Bayesian back-calculation to estimate age and time specific HIV incidence. <i>Lifetime Data Analysis</i> , 2019, 25, 757-780.	0.9	6
77	Estimating Trends in Incidence, Time-to-Diagnosis and Undiagnosed Prevalence using a CD4-based Bayesian Back-calculation. <i>Statistical Communications in Infectious Diseases</i> , 2012, 4, .	0.2	5
78	Exploiting routinely collected severe case data to monitor and predict influenza outbreaks. <i>BMC Public Health</i> , 2018, 18, 790.	2.9	3
79	Nowcasting COVID-19 deaths in England by age and region. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 0, , .	1.0	2
80	Bayesian conditional-independence modeling of the AIDS epidemic in England and Wales. <i>Physica D: Nonlinear Phenomena</i> , 1999, 133, 145-151.	2.8	1
81	Evaluating the power of the causal impact method in observational studies of HCV treatment as prevention. <i>Statistical Communications in Infectious Diseases</i> , 2021, 13, .	0.2	1
82	Trends in outcomes following COVID-19 symptom onset in Milan: a cohort study. <i>BMJ Open</i> , 2022, 12, e054859.	1.9	1
83	P1-S4.26 Duration, incidence and prevalence of <i>Chlamydia trachomatis</i> in women: estimation by multi-parameter synthesis. <i>Sexually Transmitted Infections</i> , 2011, 87, A171-A171.	1.9	0