

Peter J White

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,758
citations

201674

27
h-index

197818

49
g-index

86
all docs

86
docs citations

86
times ranked

4239
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening of immigrants in the UK for imported latent tuberculosis: a multicentre cohort study and cost-effectiveness analysis. <i>Lancet Infectious Diseases</i> , The, 2011, 11, 435-444.	9.1	187
2	Comparison of molecular testing strategies for COVID-19 control: a mathematical modelling study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1381-1389.	9.1	171
3	Transgenic Restoration of Long-Chain n-3 Fatty Acids in Insulin Target Tissues Improves Resolution Capacity and Alleviates Obesity-Linked Inflammation and Insulin Resistance in High-Fat Fed Mice. <i>Diabetes</i> , 2010, 59, 3066-3073.	0.6	160
4	Smartphone-enabled video-observed versus directly observed treatment for tuberculosis: a multicentre, analyst-blinded, randomised, controlled superiority trial. <i>Lancet</i> , The, 2019, 393, 1216-1224.	13.7	156
5	Adapting hospital capacity to meet changing demands during the COVID-19 pandemic. <i>BMC Medicine</i> , 2020, 18, 329.	5.5	144
6	Tuberculosis in migrants moving from high-incidence to low-incidence countries: a population-based cohort study of 519 955 migrants screened before entry to England, Wales, and Northern Ireland. <i>Lancet</i> , The, 2016, 388, 2510-2518.	13.7	118
7	Key epidemiological drivers and impact of interventions in the 2020 SARS-CoV-2 epidemic in England. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	89
8	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.	5.8	81
9	Vicious and Virtuous Circles in the Dynamics of Infectious Disease and the Provision of Health Care: Gonorrhoea in Britain as an Example. <i>Journal of Infectious Diseases</i> , 2005, 192, 824-836.	4.0	80
10	Progression from latent infection to active disease in dynamic tuberculosis transmission models: a systematic review of the validity of modelling assumptions. <i>Lancet Infectious Diseases</i> , The, 2018, 18, e228-e238.	9.1	79
11	COVID-19 among people experiencing homelessness in England: a modelling study. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, 1181-1191.	10.7	78
12	Pre-entry screening programmes for tuberculosis in migrants to low-incidence countries: a systematic review and meta-analysis. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 1240-1249.	9.1	76
13	Systematic review, meta-analysis and economic modelling of molecular diagnostic tests for antibiotic resistance in tuberculosis. <i>Health Technology Assessment</i> , 2015, 19, 1-188.	2.8	74
14	Effectiveness and cost-effectiveness of traditional and new partner notification technologies for curable sexually transmitted infections: observational study, systematic reviews and mathematical modelling. <i>Health Technology Assessment</i> , 2014, 18, 1-100, vii-viii.	2.8	73
15	How much do delayed healthcare seeking, delayed care provision, and diversion from primary care contribute to the transmission of STIs?. <i>Sexually Transmitted Infections</i> , 2007, 83, 400-405.	1.9	67
16	Dedicated outreach service for hard to reach patients with tuberculosis in London: observational study and economic evaluation. <i>BMJ</i> , The, 2011, 343, d5376-d5376.	6.0	65
17	Community-based evaluation of immigrant tuberculosis screening using interferon γ release assays and tuberculin skin testing: observational study and economic analysis. <i>Thorax</i> , 2013, 68, 230-239.	5.6	65
18	Tuberculosis screening of migrants to low-burden nations: insights from evaluation of UK practice. <i>European Respiratory Journal</i> , 2011, 37, 1175-1182.	6.7	52

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19	Genomic Analysis and Comparison of Two Gonorrhoea Outbreaks. <i>MBio</i> , 2016, 7, .	4.1	51
20	Appropriate evaluation of HIV prevention interventions: from experiment to full-scale implementation. <i>Sexually Transmitted Infections</i> , 2007, 83, i55-i60.	1.9	50
21	Contact diaries versus wearable proximity sensors in measuring contact patterns at a conference: method comparison and participants' attitudes. <i>BMC Infectious Diseases</i> , 2016, 16, 341.	2.9	50
22	Prevalence of and risk factors for active tuberculosis in migrants screened before entry to the UK: a population-based cross-sectional study. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 962-970.	9.1	50
23	Estimating the fitness cost and benefit of cefixime resistance in <i>Neisseria gonorrhoeae</i> to inform prescription policy: A modelling study. <i>PLoS Medicine</i> , 2017, 14, e1002416.	8.4	47
24	Improving Control of Antibiotic-Resistant Gonorrhoea by Integrating Research Agendas Across Disciplines: Key Questions Arising From Mathematical Modeling. <i>Journal of Infectious Diseases</i> , 2016, 213, 883-890.	4.0	38
25	Is HIV out of control in the UK? An example of analysing patterns of HIV spreading using incidence-to-prevalence ratios. <i>Aids</i> , 2006, 20, 1898-1901.	2.2	36
26	Syndromic management of STIs and the threat of untreatable <i>Mycoplasma genitalium</i> . <i>Lancet Infectious Diseases</i> , The, 2018, 18, 251-252.	9.1	34
27	Genomic Epidemiology Analysis of Infectious Disease Outbreaks Using TransPhylo. <i>Current Protocols</i> , 2021, 1, e60.	2.9	34
28	Impact of Hepatitis C Treatment as Prevention for People Who Inject Drugs is sensitive to contact network structure. <i>Scientific Reports</i> , 2017, 7, 1833.	3.3	30
29	Should we screen for the sexually-transmitted infection <i>Mycoplasma genitalium</i> ? Evidence synthesis using a transmission-dynamic model. <i>Scientific Reports</i> , 2017, 7, 16162.	3.3	28
30	Epidemiological Trends of Antibiotic Resistant Gonorrhoea in the United Kingdom. <i>Antibiotics</i> , 2018, 7, 60.	3.7	26
31	Changes in chlamydia prevalence and duration of infection estimated from testing and diagnosis rates in England: a model-based analysis using surveillance data, 2000-15. <i>Lancet Public Health</i> , The, 2018, 3, e271-e278.	10.0	25
32	A dynamic power-law sexual network model of gonorrhoea outbreaks. <i>PLoS Computational Biology</i> , 2019, 15, e1006748.	3.2	25
33	Modelling intensive care unit capacity under different epidemiological scenarios of the COVID-19 pandemic in three Western European countries. <i>International Journal of Epidemiology</i> , 2021, 50, 753-767.	1.9	24
34	Incidence of Pelvic Inflammatory Disease Associated With <i>Mycoplasma genitalium</i> Infection: Evidence Synthesis of Cohort Study Data. <i>Clinical Infectious Diseases</i> , 2020, 71, 2719-2722.	5.8	23
35	Apparently-Different Clearance Rates from Cohort Studies of <i>Mycoplasma genitalium</i> Are Consistent after Accounting for Incidence of Infection, Recurrent Infection, and Study Design. <i>PLoS ONE</i> , 2016, 11, e0149087.	2.5	22
36	Assessment of the Potential of Vaccination to Combat Antibiotic Resistance in Gonorrhoea: A Modeling Analysis to Determine Preferred Product Characteristics. <i>Clinical Infectious Diseases</i> , 2020, 71, 1912-1919.	5.8	22

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37	Genital Chlamydia trachomatis Infections Clear More Slowly in Men Than Women, but Are Less Likely to Become Established. <i>Journal of Infectious Diseases</i> , 2017, 216, 237-244.	4.0	21
38	Notions of synergy for combinations of interventions against infectious diseases in heterogeneously mixing populations. <i>Mathematical Biosciences</i> , 2010, 227, 94-104.	1.9	19
39	Estimating Local Chlamydia Incidence and Prevalence Using Surveillance Data. <i>Epidemiology</i> , 2017, 28, 492-502.	2.7	19
40	A reconfiguration of the sex trade: How social and structural changes in eastern Zimbabwe left women involved in sex work and transactional sex more vulnerable. <i>PLoS ONE</i> , 2017, 12, e0171916.	2.5	19
41	Mathematical Modelling of the Epidemiology of Tuberculosis. <i>Advances in Experimental Medicine and Biology</i> , 2010, 673, 127-140.	1.6	18
42	Public health impact and cost-effectiveness of gonorrhoea vaccination: an integrated transmission-dynamic health-economic modelling analysis. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 1030-1041.	9.1	17
43	Building the bypassâ€”implications of improved access to sexual healthcare: evidence from surveys of patients attending contrasting genitourinary medicine clinics across England in 2004/2005 and 2009. <i>Sexually Transmitted Infections</i> , 2012, 88, 9-15.	1.9	16
44	Characteristics of LGV repeaters: analysis of LGV surveillance data: TableÂ1. <i>Sexually Transmitted Infections</i> , 2014, 90, 275-278.	1.9	15
45	The impact of the COVID-19 pandemic on patterns of attendance at emergency departments in two large London hospitals: an observational study. <i>BMC Health Services Research</i> , 2021, 21, 1008.	2.2	15
46	Using molecular testing and whole-genome sequencing for tuberculosis diagnosis in a low-burden setting: a cost-effectiveness analysis using transmission-dynamic modelling. <i>Thorax</i> , 2021, 76, 281-291.	5.6	14
47	Testing for gonorrhoea should routinely include the pharynx. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 716-717.	9.1	13
48	Rationale and development of a survey tool for describing and auditing the composition of, and flows between, specialist and community clinical services for sexually transmitted infections. <i>BMC Health Services Research</i> , 2011, 11, 30.	2.2	12
49	Improving Control of Tuberculosis in Low-Burden Countries: Insights from Mathematical Modeling. <i>Frontiers in Microbiology</i> , 2016, 7, 394.	3.5	9
50	Communicating uncertainty in epidemic models. <i>Epidemics</i> , 2021, 37, 100520.	3.0	9
51	The Possible Impact of Vaccination for Seasonal Influenza on Emergence of Pandemic Influenza via Reassortment. <i>PLoS ONE</i> , 2014, 9, e114637.	2.5	8
52	Characteristics and outcomes of clinically diagnosed RT-PCR swab negative COVID-19: a retrospective cohort study. <i>Scientific Reports</i> , 2021, 11, 2455.	3.3	8
53	Using rapid point-of-care tests to inform antibiotic choice to mitigate drug resistance in gonorrhoea. <i>Eurosurveillance</i> , 2020, 25, .	7.0	8
54	Optimizing social and economic activity while containing SARS-CoV-2 transmission using DAEDALUS. <i>Nature Computational Science</i> , 2022, 2, 223-233.	8.0	8

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55	Comparing different technologies for active TB case-finding among the homeless: a transmission-dynamic modelling study. <i>Scientific Reports</i> , 2018, 8, 1433.	3.3	7
56	The J-IDEA Pandemic Planner. <i>Medical Care</i> , 2021, 59, 371-378.	2.4	7
57	The relative clinical effectiveness and cost-effectiveness of three contrasting approaches to partner notification for curable sexually transmitted infections: a cluster randomised trial in primary care. <i>Health Technology Assessment</i> , 2015, 19, 1-116.	2.8	7
58	Challenges Presented by Re-Emerging Sexually Transmitted Infections in HIV Positive Men who have Sex with Men: An Observational Study of Lymphogranuloma Venereum in the UK. <i>Journal of AIDS & Clinical Research</i> , 2014, 05, 1000329.	0.5	6
59	Management of tuberculosis by healthcare practitioners in Pakistan: A systematic review. <i>PLoS ONE</i> , 2018, 13, e0199413.	2.5	6
60	The Ballseye programme: a mixed-methods programme of research in traditional sexual health and alternative community settings to improve the sexual health of men in the UK. <i>Programme Grants for Applied Research</i> , 2016, 4, 1-142.	1.0	6
61	Mathematical Models in Infectious Disease Epidemiology. , 2017, , 49-53.e1.		5
62	Screening for tuberculosis among high-risk groups attending London emergency departments: a prospective observational study. <i>European Respiratory Journal</i> , 2021, 57, 2003831.	6.7	4
63	Mathematical models in infectious disease epidemiology. , 2010, , 70-75.		4
64	Increases in gonorrhoea incidence and GUM clinic waiting times: are we in a vicious circle like the late 1990s and early 2000s, but now exacerbated by drug resistance?. <i>Sexually Transmitted Infections</i> , 2017, 93, 471-471.	1.9	3
65	Assessing uncertainty in the burden of hepatitis C virus: Comparison of estimated disease burden and treatment costs in the <sc>UK</sc>. <i>Journal of Viral Hepatitis</i> , 2018, 25, 514-523.	2.0	3
66	Economic analysis of interventions against infectious diseases. , 2016, , 243-256.		3
67	Management and control of tuberculosis control in socially complex groups: a research programme including three RCTs. <i>Programme Grants for Applied Research</i> , 2020, 8, 1-76.	1.0	3
68	Influence of epidemic phase on the cost effectiveness of a prevention intervention for sexually transmitted infection: an exploratory analysis. <i>Sexually Transmitted Infections</i> , 2007, 83, i25-i29.	1.9	2
69	Estimating chlamydia prevalence: more difficult than modelling suggests – Authors' reply. <i>Lancet Public Health</i> , The, 2018, 3, e417.	10.0	2
70	Letter to editor in response to Has Chlamydia trachomatis prevalence in young women in England, Scotland and Wales changed? Evidence from national probability surveys. <i>Epidemiology and Infection</i> , 2019, 147, e271.	2.1	2
71	New technologies for diagnosing active TB: the VANTDET diagnostic accuracy study. <i>Efficacy and Mechanism Evaluation</i> , 2021, 8, 1-160.	0.7	2
72	Post-migration follow-up of migrants at risk of tuberculosis. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 1124.	9.1	1

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73	Hepatitis C virus treatment as prevention in people who inject drugs. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 379.	9.1	1
74	Factors associated with reattendance to emergency services following COVID-19 hospitalization. <i>Journal of Medical Virology</i> , 2021, 93, 1250-1252.	5.0	1
75	Epidemiology of STI and HIV: An Overview of Concentration and Geographical and Temporal Dispersion. , 2013, , 33-63.		1
76	We need estimates of gonorrhoea vaccine protection and symptomaticity by sex and anatomical site. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 937.	9.1	1
77	Improving our Understanding of <i>Mycoplasma Genitalium</i> Epidemiology: A Re-Analysis of Two Cohort Studies.. <i>International Journal of Epidemiology</i> , 2015, 44, i196-i196.	1.9	0
78	Cost-effectiveness of microscopy of urethral smears for asymptomatic <i>Mycoplasma genitalium</i> urethritis in men in England. <i>International Journal of STD and AIDS</i> , 2018, 29, 72-79.	1.1	0
79	Assessing local chlamydia screening performance by combining survey and administrative data to account for differences in local population characteristics. <i>Scientific Reports</i> , 2019, 9, 7070.	3.3	0
80	A feasibility study evaluating the uptake, effectiveness and acceptability of routine screening of pregnant migrants for latent tuberculosis infection in antenatal care: a research protocol. <i>BMJ Open</i> , 2022, 12, e058734.	1.9	0