Koen Pouwels

List of Publications by Year in Descending Order

92 papers	2,807 citations	26 h-index	51 g-index
103 ext. papers	4,611 ext. citations	11.3 avg, IF	5.46 L-index

#	Paper	IF	Citations
92	Effect of Covid-19 Vaccination on Transmission of Alpha and Delta Variants.. *New England Journal of Medicine*, **2022**,	59.2	56
91	Monitoring populations at increased risk for SARS-CoV-2 infection in the community using population-level demographic and behavioural surveillance.. *Lancet Regional Health - Europe, The*, **2022**, 13, 100282		1
90	Antibody responses and correlates of protection in the general population after two doses of the ChAdOx1 or BNT162b2 vaccines.. *Nature Medicine*, **2022**,	50.5	11
89	Author response.. *British Journal of General Practice*, **2022**, 72, 157	1.6	
88	Trajectory of long covid symptoms after covid-19 vaccination: community based cohort study.. *BMJ, The*, **2022**, 377, e069676	5.9	18
87	Improving local prevalence estimates of SARS-CoV-2 infections using a causal debiasing framework.. *Nature Microbiology*, **2021**,	26.6	4
86	Tracking the Emergence of SARS-CoV-2 Alpha Variant in the United Kingdom. *New England Journal of Medicine*, **2021**,	59.2	9
85	The role of locum GPs in antibiotic prescribing and stewardship: a mixed-methods study.. *British Journal of General Practice*, **2021**,	1.6	2
84	Effect of Delta variant on viral burden and vaccine effectiveness against new SARS-CoV-2 infections in the UK. *Nature Medicine*, **2021**,	50.5	162
83	Anti-spike antibody response to natural SARS-CoV-2 infection in the general population. *Nature Communications*, **2021**, 12, 6250	17.4	13
82	Symptoms and SARS-CoV-2 positivity in the general population in the UK. *Clinical Infectious Diseases* , **2021**,	11.6	6
81	Preferences for Medical Consultations from Online Providers: Evidence from a Discrete Choice Experiment in the United Kingdom. *Applied Health Economics and Health Policy*, **2021**, 19, 521-535	3.4	2
80	Quantitative SARS-CoV-2 anti-spike responses to Pfizer-BioNTech and Oxford-AstraZeneca vaccines by previous infection status. *Clinical Microbiology and Infection*, **2021**, 27, 1516.e7-1516.e14	9.5	43
79	Impact of vaccination on new SARS-CoV-2 infections in the United Kingdom. *Nature Medicine*, **2021**, 27, 1370-1378	50.5	116
78	Does bariatric surgery reduce future hospital costs? A propensity score-matched analysis using UK Biobank Study data. *International Journal of Obesity*, **2021**, 45, 2205-2213	5.5	0
77	Ct threshold values, a proxy for viral load in community SARS-CoV-2 cases, demonstrate wide variation across populations and over time. *ELife*, **2021**, 10,	8.9	24
76	Antibody Status and Incidence of SARS-CoV-2 Infection in Health Care Workers. *New England Journal of Medicine*, **2021**, 384, 533-540	59.2	482

75	Overuse of antibiotics: Can viral vaccinations help stem the tide?. *British Journal of Clinical Pharmacology*, **2021**, 87, 87-89	3.8	1
74	Community prevalence of SARS-CoV-2 in England from April to November, 2020: results from the ONS Coronavirus Infection Survey. *Lancet Public Health, The*, **2021**, 6, e30-e38	22.4	64
73	Antibody responses to SARS-CoV-2 vaccines in 45,965 adults from the general population of the United Kingdom. *Nature Microbiology*, **2021**, 6, 1140-1149	26.6	74
72	Public preferences for delayed or immediate antibiotic prescriptions in UK primary care: A choice experiment. *PLoS Medicine*, **2021**, 18, e1003737	11.6	0
71	Development of an intervention to support the implementation of evidence-based strategies for optimising antibiotic prescribing in general practice. *Implementation Science Communications*, **2021**, 2, 104	2.2	1
70	Prospective trial of different antimicrobial treatment durations for presumptive canine urinary tract infections. *BMC Veterinary Research*, **2021**, 17, 299	2.7	
69	The Duration, Dynamics, and Determinants of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antibody Responses in Individual Healthcare Workers. *Clinical Infectious Diseases*, **2021**, 73, e699-e709	11.6	120
68	Modelling decay in effectiveness for evaluation of behaviour change interventions: a tutorial for public health economists.. *European Journal of Health Economics*, **2021**, 1	3.6	1
67	Optimizing COVID-19 surveillance in long-term care facilities: a modelling study. *BMC Medicine*, **2020**, 18, 386	11.4	35
66	Quantifying the economic cost of antibiotic resistance and the impact of related interventions: rapid methodological review, conceptual framework and recommendations for future studies. *BMC Medicine*, **2020**, 18, 38	11.4	24
65	Estimating the Effect of Healthcare-Associated Infections on Excess Length of Hospital Stay Using Inverse Probability-Weighted Survival Curves. *Clinical Infectious Diseases*, **2020**, 71, e415-e420	11.6	2
64	Group Testing for SARS-CoV-2: Forward to the Past?. *PharmacoEconomics - Open*, **2020**, 4, 207-210	2.1	14
63	Investigating the mechanism of impact and differential effect of the Quality Premium scheme on antibiotic prescribing in England: a longitudinal study. *BJGP Open*, **2020**, 4,	3.1	3
62	Awareness of Appropriate Antibiotic Use in Primary Care for Influenza-Like Illness: Evidence of Improvement from UK Population-Based Surveys. *Antibiotics*, **2020**, 9,	4.9	1
61	Why do hospital prescribers continue antibiotics when it is safe to stop? Results of a choice experiment survey. *BMC Medicine*, **2020**, 18, 196	11.4	4
60	Reducing expectations for antibiotics in primary care: a randomised experiment to test the response to fear-based messages about antimicrobial resistance. *BMC Medicine*, **2020**, 18, 110	11.4	10
59	The health and cost burden of antibiotic resistant and susceptible Escherichia coli bacteraemia in the English hospital setting: A national retrospective cohort study. *PLoS ONE*, **2019**, 14, e0221944	3.7	24
58	Optimising trial designs to identify appropriate antibiotic treatment durations. *BMC Medicine*, **2019**, 17, 115	11.4	8

57	Selection and co-selection of antibiotic resistances among Escherichia coli by antibiotic use in primary care: An ecological analysis. *PLoS ONE*, **2019**, 14, e0218134	3.7	21
56	Epidemiology and health-economic burden of urinary-catheter-associated infection in English NHS hospitals: a probabilistic modelling study. *Journal of Hospital Infection*, **2019**, 103, 44-54	6.9	20
55	Duration of antibiotic treatment for common infections in English primary care: cross sectional analysis and comparison with guidelines. *BMJ, The*, **2019**, 364, l440	5.9	47
54	The challenge of antimicrobial resistance: What economics can contribute. *Science*, **2019**, 364,	33.3	171
53	Antibiotic resistance, stewardship, and consumption. *Lancet Planetary Health, The*, **2019**, 3, e66	9.8	3
52	Machine-learning-assisted selection of antibiotic prescription. *Nature Medicine*, **2019**, 25, 1033-1034	50.5	4
51	Comment on SThe distribution of antibiotic use and its association with antibiotic resistanceS *ELife*, **2019**, 8,	8.9	5
50	Defining the appropriateness and inappropriateness of antibiotic prescribing in primary care. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, ii11-ii18	5.1	48
49	Understanding the gender gap in antibiotic prescribing: a cross-sectional analysis of English primary care. *BMJ Open*, **2018**, 8, e020203	3	25
48	Antibiotics in primary care in England: which antibiotics are prescribed and for which conditions?. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, ii2-ii10	5.1	145
47	Actual versus SidealSantibiotic prescribing for common conditions in English primary care. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 19-26	5.1	92
46	Association between use of different antibiotics and trimethoprim resistance: going beyond the obvious crude association. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 1700-1707	5.1	46
45	Intensive care unit (ICU)-acquired bacteraemia and ICU mortality and discharge: addressing time-varying confounding using appropriate methodology. *Journal of Hospital Infection*, **2018**, 99, 42-47	6.9	12
44	Potential for reducing inappropriate antibiotic prescribing in English primary care. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, ii36-ii43	5.1	116
43	Seasonality of urinary tract infections in the United Kingdom in different age groups: longitudinal analysis of The Health Improvement Network (THIN). *Epidemiology and Infection*, **2018**, 146, 37-45	4.3	25
42	Identifying English Practices that Are High Antibiotic Prescribers Accounting for Comorbidities and Other Legitimate Medical Reasons for Variation. *EClinicalMedicine*, **2018**, 6, 36-41	11.3	16
41	Prevalence of resistance to antibiotics in childrenS urinary Escherichia coli isolates estimated using national surveillance data. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 2268-2269	5.1	1
40	Explaining variation in antibiotic prescribing between general practices in the UK. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, ii27-ii35	5.1	40

39	Does appropriate empiric antibiotic therapy modify intensive care unit-acquired Enterobacteriaceae bacteraemia mortality and discharge?. *Journal of Hospital Infection*, **2017**, 96, 23-28	6.9	7
38	Immunogenicity and safety of human papillomavirus (HPV) vaccination in Asian populations from six countries: a meta-analysis. *Japanese Journal of Clinical Oncology*, **2017**, 47, 265-276	2.8	15
37	Will co-trimoxazole resistance rates ever go down? Resistance rates remain high despite decades of reduced co-trimoxazole consumption. *Journal of Global Antimicrobial Resistance*, **2017**, 11, 71-74	3.4	5
36	Quality of reporting of confounding remained suboptimal after the STROBE guideline. *Journal of Clinical Epidemiology*, **2016**, 69, 217-24	5.7	50
35	Association between statins and infections among patients with diabetes: a cohort and prescription sequence symmetry analysis. *Pharmacoepidemiology and Drug Safety*, **2016**, 25, 1124-1130	2.6	14
34	Antibiotic use during pregnancy and asthma in preschool children: the influence of confounding. *Clinical and Experimental Allergy*, **2016**, 46, 1214-26	4.1	37
33	Identification of major cardiovascular events in patients with diabetes using primary care data. *BMC Health Services Research*, **2016**, 16, 110	2.9	7
32	Moderate concordance was found between case-only and parallel group designs in systematic comparison. *Journal of Clinical Epidemiology*, **2016**, 71, 18-24	5.7	4
31	Potential Cost-Effectiveness of RSV Vaccination of Infants and Pregnant Women in Turkey: An Illustration Based on Bursa Data. *PLoS ONE*, **2016**, 11, e0163567	3.7	6
30	Is Heterogeneity in the Effects of Statins on Infection Outcomes across Clinical Studies Due to Bias?. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 7002-7003	5.9	1
29	Is combined use of SSRIs and NSAIDs associated with an increased risk of starting peptic ulcer treatment?. *British Journal of Clinical Pharmacology*, **2014**, 78, 192-3	3.8	5
28	Re: "a prospective study of statin drug use and lower urinary tract symptoms in older men". *American Journal of Epidemiology*, **2014**, 179, 927	3.8	5
27	ACE inhibitors and urinary tract infections. *Epidemiology*, **2014**, 25, 466-7	3.1	8
26	Angiotensin-converting enzyme inhibitor treatment and the development of urinary tract infections: a prescription sequence symmetry analysis. *Drug Safety*, **2013**, 36, 1079-86	5.1	20
25	Cost-effectiveness of vaccination of the elderly against herpes zoster in The Netherlands. *Vaccine*, **2013**, 31, 1276-83	4.1	28
24	RSV vaccine in development: assessing the potential cost-effectiveness in the Dutch elderly population. *Vaccine*, **2013**, 31, 6254-60	4.1	11
23	Effect of pravastatin and fosinopril on recurrent urinary tract infections. *Journal of Antimicrobial Chemotherapy*, **2013**, 68, 708-14	5.1	20
22	Cost-effectiveness of vaccination against meningococcal B among Dutch infants: Crucial impact of changes in incidence. *Human Vaccines and Immunotherapeutics*, **2013**, 9, 1129-38	4.4	40

21	Meningococcal serogroup A, C, W and Y conjugated vaccine: a cost-effectiveness analysis in the Netherlands. *PLoS ONE*, **2013**, 8, e65036	3.7	21
20	Primary prevention of major cardiovascular and cerebrovascular events with statins in diabetic patients: a meta-analysis. *Drugs*, **2012**, 72, 2365-73	12.1	69
19	The rosiglitazone decision process at FDA and EMA. What should we learn?. *International Journal of Risk and Safety in Medicine*, **2012**, 24, 73-80	1.6	29
18	Omicron-associated changes in SARS-CoV-2 symptoms in the United Kingdom		4
17	A National Estimate of the Health and Cost Burden of Escherichia coli Bacteraemia in the Hospital Setting: The Importance of Antibiotic Resistance		3
16	Optimizing COVID-19 surveillance in long-term care facilities: a modelling study		3
15	Community prevalence of SARS-CoV-2 in England: Results from the ONS Coronavirus Infection Survey Pilot		13
14	Ct threshold values, a proxy for viral load in community SARS-CoV-2 cases, demonstrate wide variation across populations and over time		13
13	Community prevalence of SARS-CoV-2 in England during April to September 2020: Results from the ONS Coronavirus Infection Survey		10
12	The duration, dynamics and determinants of SARS-CoV-2 antibody responses in individual healthcare workers		10
11	Selection and co-selection of antibiotic resistances among Escherichia coli by antibiotic use in primary care: an ecological analysis		2
10	An observational cohort study on the incidence of SARS-CoV-2 infection and B.1.1.7 variant infection in healthcare workers by antibody and vaccination status		16
9	The impact of SARS-CoV-2 vaccines on antibody responses in the general population in the United Kingdom		11
8	Impact of vaccination on new SARS-CoV-2 infections in the UK		20
7	Anti-spike antibody response to natural SARS-CoV-2 infection in the general population		3
6	Increased infections, but not viral burden, with a new SARS-CoV-2 variant		31
5	Impact of Delta on viral burden and vaccine effectiveness against new SARS-CoV-2 infections in the UK		52
4	Symptoms and SARS-CoV-2 positivity in the general population in the UK		3

List of Publications

3	SARS-CoV-2 anti-spike IgG antibody responses after second dose of ChAdOx1 or BNT162b2 in the UK general population	3
2	The impact of SARS-CoV-2 vaccination on Alpha & Delta variant transmission	33
1	Risk of COVID-19 related deaths for SARS-CoV-2 Omicron (B.1.1.529) compared with Delta (B.1.617.2)	1