

Koen Pouwels

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Antibody Status and Incidence of SARS-CoV-2 Infection in Health Care Workers. <i>New England Journal of Medicine</i> , 2021 , 384, 533-540	59.2	482
91	The challenge of antimicrobial resistance: What economics can contribute. <i>Science</i> , 2019 , 364,	33.3	171
90	Effect of Delta variant on viral burden and vaccine effectiveness against new SARS-CoV-2 infections in the UK. <i>Nature Medicine</i> , 2021 ,	50.5	162
89	Antibiotics in primary care in England: which antibiotics are prescribed and for which conditions?. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, ii2-ii10	5.1	145
88	The Duration, Dynamics, and Determinants of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antibody Responses in Individual Healthcare Workers. <i>Clinical Infectious Diseases</i> , 2021 , 73, e699-e709	11.6	120
87	Potential for reducing inappropriate antibiotic prescribing in English primary care. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, ii36-ii43	5.1	116
86	Impact of vaccination on new SARS-CoV-2 infections in the United Kingdom. <i>Nature Medicine</i> , 2021 , 27, 1370-1378	50.5	116
85	Actual versus Ideal Antibiotic prescribing for common conditions in English primary care. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 19-26	5.1	92
84	Antibody responses to SARS-CoV-2 vaccines in 45,965 adults from the general population of the United Kingdom. <i>Nature Microbiology</i> , 2021 , 6, 1140-1149	26.6	74
83	Primary prevention of major cardiovascular and cerebrovascular events with statins in diabetic patients: a meta-analysis. <i>Drugs</i> , 2012 , 72, 2365-73	12.1	69
82	Community prevalence of SARS-CoV-2 in England from April to November, 2020: results from the ONS Coronavirus Infection Survey. <i>Lancet Public Health</i> , 2021 , 6, e30-e38	22.4	64
81	Effect of Covid-19 Vaccination on Transmission of Alpha and Delta Variants.. <i>New England Journal of Medicine</i> , 2022 ,	59.2	56
80	Impact of Delta on viral burden and vaccine effectiveness against new SARS-CoV-2 infections in the UK		52
79	Quality of reporting of confounding remained suboptimal after the STROBE guideline. <i>Journal of Clinical Epidemiology</i> , 2016 , 69, 217-24	5.7	50
78	Defining the appropriateness and inappropriateness of antibiotic prescribing in primary care. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, ii11-ii18	5.1	48
77	Duration of antibiotic treatment for common infections in English primary care: cross sectional analysis and comparison with guidelines. <i>BMJ</i> , 2019 , 364, l440	5.9	47
76	Association between use of different antibiotics and trimethoprim resistance: going beyond the obvious crude association. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 1700-1707	5.1	46

75	Quantitative SARS-CoV-2 anti-spike responses to Pfizer-BioNTech and Oxford-AstraZeneca vaccines by previous infection status. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 1516.e7-1516.e14	9.5	43
74	Cost-effectiveness of vaccination against meningococcal B among Dutch infants: Crucial impact of changes in incidence. <i>Human Vaccines and Immunotherapeutics</i> , 2013 , 9, 1129-38	4.4	40
73	Explaining variation in antibiotic prescribing between general practices in the UK. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, ii27-ii35	5.1	40
72	Antibiotic use during pregnancy and asthma in preschool children: the influence of confounding. <i>Clinical and Experimental Allergy</i> , 2016 , 46, 1214-26	4.1	37
71	Optimizing COVID-19 surveillance in long-term care facilities: a modelling study. <i>BMC Medicine</i> , 2020 , 18, 386	11.4	35
70	The impact of SARS-CoV-2 vaccination on Alpha & Delta variant transmission		33
69	Increased infections, but not viral burden, with a new SARS-CoV-2 variant		31
68	The rosiglitazone decision process at FDA and EMA. What should we learn?. <i>International Journal of Risk and Safety in Medicine</i> , 2012 , 24, 73-80	1.6	29
67	Cost-effectiveness of vaccination of the elderly against herpes zoster in The Netherlands. <i>Vaccine</i> , 2013 , 31, 1276-83	4.1	28
66	Understanding the gender gap in antibiotic prescribing: a cross-sectional analysis of English primary care. <i>BMJ Open</i> , 2018 , 8, e020203	3	25
65	Seasonality of urinary tract infections in the United Kingdom in different age groups: longitudinal analysis of The Health Improvement Network (THIN). <i>Epidemiology and Infection</i> , 2018 , 146, 37-45	4.3	25
64	The health and cost burden of antibiotic resistant and susceptible Escherichia coli bacteraemia in the English hospital setting: A national retrospective cohort study. <i>PLoS ONE</i> , 2019 , 14, e0221944	3.7	24
63	Quantifying the economic cost of antibiotic resistance and the impact of related interventions: rapid methodological review, conceptual framework and recommendations for future studies. <i>BMC Medicine</i> , 2020 , 18, 38	11.4	24
62	Ct threshold values, a proxy for viral load in community SARS-CoV-2 cases, demonstrate wide variation across populations and over time. <i>ELife</i> , 2021 , 10,	8.9	24
61	Selection and co-selection of antibiotic resistances among Escherichia coli by antibiotic use in primary care: An ecological analysis. <i>PLoS ONE</i> , 2019 , 14, e0218134	3.7	21
60	Meningococcal serogroup A, C, W and Y conjugated vaccine: a cost-effectiveness analysis in the Netherlands. <i>PLoS ONE</i> , 2013 , 8, e65036	3.7	21
59	Epidemiology and health-economic burden of urinary-catheter-associated infection in English NHS hospitals: a probabilistic modelling study. <i>Journal of Hospital Infection</i> , 2019 , 103, 44-54	6.9	20
58	Angiotensin-converting enzyme inhibitor treatment and the development of urinary tract infections: a prescription sequence symmetry analysis. <i>Drug Safety</i> , 2013 , 36, 1079-86	5.1	20

57	Effect of pravastatin and fosinopril on recurrent urinary tract infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 708-14	5.1	20
56	Impact of vaccination on new SARS-CoV-2 infections in the UK		20
55	Trajectory of long covid symptoms after covid-19 vaccination: community based cohort study.. <i>BMJ, The</i> , 2022 , 377, e069676	5.9	18
54	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
53	Identifying English Practices that Are High Antibiotic Prescribers Accounting for Comorbidities and Other Legitimate Medical Reasons for Variation. <i>EClinicalMedicine</i> , 2018 , 6, 36-41	11.3	16
52	Immunogenicity and safety of human papillomavirus (HPV) vaccination in Asian populations from six countries: a meta-analysis. <i>Japanese Journal of Clinical Oncology</i> , 2017 , 47, 265-276	2.8	15
51	Group Testing for SARS-CoV-2: Forward to the Past?. <i>PharmacoEconomics - Open</i> , 2020 , 4, 207-210	2.1	14
50	Association between statins and infections among patients with diabetes: a cohort and prescription sequence symmetry analysis. <i>Pharmacoepidemiology and Drug Safety</i> , 2016 , 25, 1124-1130	2.6	14
49	Anti-spike antibody response to natural SARS-CoV-2 infection in the general population. <i>Nature Communications</i> , 2021 , 12, 6250	17.4	13
48	Community prevalence of SARS-CoV-2 in England: Results from the ONS Coronavirus Infection Survey Pilot		13
47	Ct threshold values, a proxy for viral load in community SARS-CoV-2 cases, demonstrate wide variation across populations and over time		13
46	Intensive care unit (ICU)-acquired bacteraemia and ICU mortality and discharge: addressing time-varying confounding using appropriate methodology. <i>Journal of Hospital Infection</i> , 2018 , 99, 42-47	6.9	12
45	RSV vaccine in development: assessing the potential cost-effectiveness in the Dutch elderly population. <i>Vaccine</i> , 2013 , 31, 6254-60	4.1	11
44	The impact of SARS-CoV-2 vaccines on antibody responses in the general population in the United Kingdom		11
43	Antibody responses and correlates of protection in the general population after two doses of the ChAdOx1 or BNT162b2 vaccines.. <i>Nature Medicine</i> , 2022 ,	50.5	11
42	Community prevalence of SARS-CoV-2 in England during April to September 2020: Results from the ONS Coronavirus Infection Survey		10
41	The duration, dynamics and determinants of SARS-CoV-2 antibody responses in individual healthcare workers		10
40	Reducing expectations for antibiotics in primary care: a randomised experiment to test the response to fear-based messages about antimicrobial resistance. <i>BMC Medicine</i> , 2020 , 18, 110	11.4	10

39	Tracking the Emergence of SARS-CoV-2 Alpha Variant in the United Kingdom. <i>New England Journal of Medicine</i> , 2021 ,	59.2	9
38	Optimising trial designs to identify appropriate antibiotic treatment durations. <i>BMC Medicine</i> , 2019 , 17, 115	11.4	8
37	ACE inhibitors and urinary tract infections. <i>Epidemiology</i> , 2014 , 25, 466-7	3.1	8
36	Does appropriate empiric antibiotic therapy modify intensive care unit-acquired Enterobacteriaceae bacteraemia mortality and discharge?. <i>Journal of Hospital Infection</i> , 2017 , 96, 23-28	6.9	7
35	Identification of major cardiovascular events in patients with diabetes using primary care data. <i>BMC Health Services Research</i> , 2016 , 16, 110	2.9	7
34	Symptoms and SARS-CoV-2 positivity in the general population in the UK. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	6
33	Potential Cost-Effectiveness of RSV Vaccination of Infants and Pregnant Women in Turkey: An Illustration Based on Bursa Data. <i>PLoS ONE</i> , 2016 , 11, e0163567	3.7	6
32	Will co-trimoxazole resistance rates ever go down? Resistance rates remain high despite decades of reduced co-trimoxazole consumption. <i>Journal of Global Antimicrobial Resistance</i> , 2017 , 11, 71-74	3.4	5
31	Is combined use of SSRIs and NSAIDs associated with an increased risk of starting peptic ulcer treatment?. <i>British Journal of Clinical Pharmacology</i> , 2014 , 78, 192-3	3.8	5
30	Re: "a prospective study of statin drug use and lower urinary tract symptoms in older men". <i>American Journal of Epidemiology</i> , 2014 , 179, 927	3.8	5
29	Comment on The distribution of antibiotic use and its association with antibiotic resistances <i>ELife</i> , 2019 , 8,	8.9	5
28	Moderate concordance was found between case-only and parallel group designs in systematic comparison. <i>Journal of Clinical Epidemiology</i> , 2016 , 71, 18-24	5.7	4
27	Machine-learning-assisted selection of antibiotic prescription. <i>Nature Medicine</i> , 2019 , 25, 1033-1034	50.5	4
26	Omicron-associated changes in SARS-CoV-2 symptoms in the United Kingdom		4
25	Improving local prevalence estimates of SARS-CoV-2 infections using a causal debiasing framework.. <i>Nature Microbiology</i> , 2021 ,	26.6	4
24	Why do hospital prescribers continue antibiotics when it is safe to stop? Results of a choice experiment survey. <i>BMC Medicine</i> , 2020 , 18, 196	11.4	4
23	Antibiotic resistance, stewardship, and consumption. <i>Lancet Planetary Health, The</i> , 2019 , 3, e66	9.8	3
22	Investigating the mechanism of impact and differential effect of the Quality Premium scheme on antibiotic prescribing in England: a longitudinal study. <i>BJGP Open</i> , 2020 , 4,	3.1	3

21	A National Estimate of the Health and Cost Burden of Escherichia coli Bacteraemia in the Hospital Setting: The Importance of Antibiotic Resistance		3
20	Optimizing COVID-19 surveillance in long-term care facilities: a modelling study		3
19	Anti-spike antibody response to natural SARS-CoV-2 infection in the general population		3
18	Symptoms and SARS-CoV-2 positivity in the general population in the UK		3
17	SARS-CoV-2 anti-spike IgG antibody responses after second dose of ChAdOx1 or BNT162b2 in the UK general population		3
16	Estimating the Effect of Healthcare-Associated Infections on Excess Length of Hospital Stay Using Inverse Probability-Weighted Survival Curves. <i>Clinical Infectious Diseases</i> , 2020 , 71, e415-e420	11.6	2
15	The role of locum GPs in antibiotic prescribing and stewardship: a mixed-methods study.. <i>British Journal of General Practice</i> , 2021 ,	1.6	2
14	Selection and co-selection of antibiotic resistances among Escherichia coli by antibiotic use in primary care: an ecological analysis		2
13	Preferences for Medical Consultations from Online Providers: Evidence from a Discrete Choice Experiment in the United Kingdom. <i>Applied Health Economics and Health Policy</i> , 2021 , 19, 521-535	3.4	2
12	Monitoring populations at increased risk for SARS-CoV-2 infection in the community using population-level demographic and behavioural surveillance.. <i>Lancet Regional Health - Europe</i> , 2022 , 13, 100282		1
11	Awareness of Appropriate Antibiotic Use in Primary Care for Influenza-Like Illness: Evidence of Improvement from UK Population-Based Surveys. <i>Antibiotics</i> , 2020 , 9,	4.9	1
10	Is Heterogeneity in the Effects of Statins on Infection Outcomes across Clinical Studies Due to Bias?. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 7002-7003	5.9	1
9	Overuse of antibiotics: Can viral vaccinations help stem the tide?. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 87-89	3.8	1
8	Prevalence of resistance to antibiotics in children's urinary Escherichia coli isolates estimated using national surveillance data. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 2268-2269	5.1	1
7	Development of an intervention to support the implementation of evidence-based strategies for optimising antibiotic prescribing in general practice. <i>Implementation Science Communications</i> , 2021 , 2, 104	2.2	1
6	Risk of COVID-19 related deaths for SARS-CoV-2 Omicron (B.1.1.529) compared with Delta (B.1.617.2)		1
5	Modelling decay in effectiveness for evaluation of behaviour change interventions: a tutorial for public health economists.. <i>European Journal of Health Economics</i> , 2021 , 1	3.6	1
4	Does bariatric surgery reduce future hospital costs? A propensity score-matched analysis using UK Biobank Study data. <i>International Journal of Obesity</i> , 2021 , 45, 2205-2213	5.5	0

- 3 Public preferences for delayed or immediate antibiotic prescriptions in UK primary care: A choice experiment. *PLoS Medicine*, **2021**, 18, e1003737 11.6 ○
- 2 Prospective trial of different antimicrobial treatment durations for presumptive canine urinary tract infections. *BMC Veterinary Research*, **2021**, 17, 299 2.7
- 1 Author response.. *British Journal of General Practice*, **2022**, 72, 157 1.6