Julie V Robotham

List of Publications by Year
in descending order

77 papers	4,796 citations	147801 31 h-index	110387 64 g-index
83 all docs	83 docs citations	83 times ranked	8109 citing authors

#	Article	IF	Citations
1	COVID-19 vaccine coverage in health-care workers in England and effectiveness of BNT162b2 mRNA vaccine against infection (SIREN): a prospective, multicentre, cohort study. Lancet, The, 2021, 397, 1725-1735.	13.7	658
2	SARS-CoV-2 infection rates of antibody-positive compared with antibody-negative health-care workers in England: a large, multicentre, prospective cohort study (SIREN). Lancet, The, 2021, 397, 1459-1469.	13.7	557
3	Estimating the burden of antimicrobial resistance: a systematic literature review. Antimicrobial Resistance and Infection Control, 2018, 7, 58.	4.1	341
4	The challenge of antimicrobial resistance: What economics can contribute. Science, 2019, 364, .	12.6	292
5	Antibiotics in primary care in England: which antibiotics are prescribed and for which conditions?. Journal of Antimicrobial Chemotherapy, 2018, 73, ii2-ii10.	3.0	208
6	Quantifying drivers of antibiotic resistance in humans: a systematic review. Lancet Infectious Diseases, The, 2018, 18, e368-e378.	9.1	203
7	Potential for reducing inappropriate antibiotic prescribing in English primary care. Journal of Antimicrobial Chemotherapy, 2018, 73, ii36-ii43.	3.0	169
8	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.	10.0	147
9	Actual versus â€˜idealâ€™ antibiotic prescribing for common conditions in English primary care. Journal of Antimicrobial Chemotherapy, 2018, 73, 19-26.	3.0	139
10	Modelling the transmission of healthcare associated infections: a systematic review. BMC Infectious Diseases, 2013, 13, 294.	2.9	131
11	Counting the cost of an outbreak of carbapenemase-producing Enterobacteriaceae : an economic evaluation from a hospital perspective. Clinical Microbiology and Infection, 2017, 23, 188-196.	6.0	103
12	Duration of antibiotic treatment for common infections in English primary care: cross sectional analysis and comparison with guidelines. BMJ: British Medical Journal, 2019, 364, l440.	2.3	74
13	Screening, isolation, and decolonisation strategies in the control of meticillin resistant Staphylococcus aureus in intensive care units: cost effectiveness evaluation. BMJ: British Medical Journal, 2011, 343, d5694-d5694.	2.3	73
14	The impact of testing and infection prevention and control strategies on within-hospital transmission dynamics of COVID-19 in English hospitals. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200268.	4.0	73
15	Defining the appropriateness and inappropriateness of antibiotic prescribing in primary care. Journal of Antimicrobial Chemotherapy, 2018, 73, ii11-ii18.	3.0	70
16	Association between use of different antibiotics and trimethoprim resistance: going beyond the obvious crude association. Journal of Antimicrobial Chemotherapy, 2018, 73, 1700-1707.	3.0	68
17	Use of mathematical modelling to assess the impact of vaccines on antibiotic resistance. Lancet Infectious Diseases, The, 2018, 18, e204-e213.	9.1	63
18	Antimicrobial stewardship: English Surveillance Programme for Antimicrobial Utilization and Resistance (ESPAUR). Journal of Antimicrobial Chemotherapy, 2013, 68, 2421-2423.	3.0	60

#	Article	IF	Citations
19	Effect of Amoxicillin Dose and Treatment Duration on the Need for Antibiotic Re-treatment in Children With Community-Acquired Pneumonia. JAMA - Journal of the American Medical Association, 2021, 326, 1713.	7.4	57
20	Cost-effectiveness of national mandatory screening of all admissions to English National Health Service hospitals for meticillin-resistant Staphylococcus aureus: a mathematical modelling study. Lancet Infectious Diseases, The, 2016, 16, 348-356.	9.1	56
21	Explaining variation in antibiotic prescribing between general practices in the UK. Journal of Antimicrobial Chemotherapy, 2018, 73, ii27-ii35.	3.0	55
22	Reconstructing transmission trees for communicable diseases using densely sampled genetic data. Annals of Applied Statistics, 2016, 10, 395-417.	1.1	52
23	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.	5.5	52
24	Is antimicrobial stewardship cost-effective? A narrative review of the evidence. Clinical Microbiology and Infection, 2017, 23, 806-811.	6.0	51
25	Understanding the gender gap in antibiotic prescribing: a cross-sectional analysis of English primary care. BMJ Open, 2018, 8, e020203.	1.9	51
26	Implementation of antimicrobial stewardship interventions recommended by national toolkits in primary and secondary healthcare sectors in England: TARGET and Start Smart Then Focus. Journal of Antimicrobial Chemotherapy, 2016, 71, 1408-1414.	3.0	50
27	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.	2.5	50
28	Using a Longitudinal Model to Estimate the Effect of Methicillin-resistant Staphylococcus aureus Infection on Length of Stay in an Intensive Care Unit. American Journal of Epidemiology, 2009, 170, 1186-1194.	3.4	44
29	Estimating the Effectiveness of Isolation and Decolonization Measures in Reducing Transmission of Methicillin-resistant Staphylococcus aureus in Hospital General Wards. American Journal of Epidemiology, 2013, 177, 1306-1313.	3.4	43
30	Healthcare-associated COVID-19 in England: A national data linkage study. Journal of Infection, 2021, 83, 565-572.	3.3	42
31	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.	2.9	39
32	Mathematical modelling for antibiotic resistance control policy: do we know enough?. BMC Infectious Diseases, 2019, 19, 1011.	2.9	37
33	Excess length of stay and mortality due to Clostridium difficile infection: a multi-state modelling approach. Journal of Hospital Infection, 2014, 88, 213-217.	2.9	35
34	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.	2.1	35
35	Quantifying where human acquisition of antibiotic resistance occurs: a mathematical modelling study. BMC Medicine, 2018, 16, 137.	5.5	34
36	Selection and co-selection of antibiotic resistances among Escherichia coli by antibiotic use in primary care: An ecological analysis. PLoS ONE, 2019, 14, e0218134.	2.5	34

#	Article	IF	Citations
37	Targeted versus universal screening and decolonization to reduce healthcare-associated meticillin-resistant Staphylococcus aureus infection. Journal of Hospital Infection, 2013, 85, 33-44.	2.9	31
38	Estimating the opportunity costs of bedâ€days. Health Economics (United Kingdom), 2018, 27, 592-605.	1.7	31
39	The relative importance of large problems far away versus small problems closer to home: insights into limiting the spread of antimicrobial resistance in England. BMC Medicine, 2017, 15, 86.	5.5	30
40	Estimating the Hospital Burden of Norovirus-Associated Gastroenteritis in England and Its Opportunity Costs for Nonadmitted Patients. Clinical Infectious Diseases, 2018, 67, 693-700.	5.8	28
41	Seasonal changes in the incidence of Escherichia coli bloodstream infection: variation with region and place of onset. Clinical Microbiology and Infection, 2015, 21, 924-929.	6.0	27
42	The National One Week Prevalence Audit of Universal Meticillin-Resistant Staphylococcus aureus (MRSA) Admission Screening 2012. PLoS ONE, 2013, 8, e74219.	2.5	24
43	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.	5.5	24
44	Screening strategies in surveillance and control of methicillin-resistant Staphylococcus aureus (MRSA). Epidemiology and Infection, 2007, 135, 328-342.	2.1	22
45	Impact of mupirocin resistance on the transmission and control of healthcare-associated MRSA. Journal of Antimicrobial Chemotherapy, 2015, 70, dkv249.	3.0	21
46	Quantifying the Burden of Hospital-Acquired Bloodstream Infection in Children in England by Estimating Excess Length of Hospital Stay and Mortality Using a Multistate Analysis of Linked, Routinely Collected Data. Journal of the Pediatric Infectious Diseases Society, 2015, 4, 305-312.	1.3	20
47	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.	2.9	19
48	Identifying English Practices that Are High Antibiotic Prescribers Accounting for Comorbidities and Other Legitimate Medical Reasons for Variation. EClinicalMedicine, 2018, 6, 36-41.	7.1	19
49	The projected effectiveness of Clostridium difficile vaccination as part of an integrated infection control strategy. Vaccine, 2016, 34, 5562-5570.	3.8	17
50	Burden, duration and costs of hospital bed closures due to acute gastroenteritis in England per winter, 2010/11â€“2015/16. Journal of Hospital Infection, 2017, 97, 79-85.	2.9	16
51	A Risk Assessment of Antibiotic Pan-Drug-Resistance in the UK: Bayesian Analysis of an Expert Elicitation Study. Antibiotics, 2017, 6, 9.	3.7	15
52	Addressing the Unknowns of Antimicrobial Resistance: Quantifying and Mapping the Drivers of Burden. Clinical Infectious Diseases, 2018, 66, 612-616.	5.8	15
53	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.	2.1	12
54	Does appropriate empiric antibiotic therapy modify intensive care unit-acquired Enterobacteriaceae bacteraemia mortality and discharge?. Journal of Hospital Infection, 2017, 96, 23-28.	2.9	11

#	Article	IF	Citations
55	Isolation demand from carbapenemase-producing Enterobacteriaceae screening strategies based on a West London hospital network. Journal of Hospital Infection, 2016, 94, 118-124.	2.9	10
56	Methods for estimating the burden of antimicrobial resistance: a systematic literature review protocol. Systematic Reviews, 2016, 5, 187.	5.3	10
57	Efficacy, safety and impact on antimicrobial resistance of duration and dose of amoxicillin treatment for young children with Community-Acquired Pneumonia: a protocol for a randomIsed controlled Trial (CAP-IT). BMJ Open, 2019, 9, e029875.	1.9	10
58	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.	2.2	9
59	Optimising trial designs to identify appropriate antibiotic treatment durations. BMC Medicine, 2019, 17, 115.	5.5	9
60	System dynamics modelling to formulate policy interventions to optimise antibiotic prescribing in hospitals. Journal of the Operational Research Society, 2021, 72, 2490-2502.	3.4	9
61	Measuring distance through dense weighted networks: The case of hospital-associated pathogens. PLoS Computational Biology, 2017, 13, e1005622.	3.2	8
62	Estimating the Effect of Healthcare-Associated Infections on Excess Length of Hospital Stay Using Inverse Probabilityâ€“Weighted Survival Curves. Clinical Infectious Diseases, 2020, 71, e415-e420.	5.8	8
63	Screening suspected cases for carbapenemase-producing Enterobacteriaceae, inclusion criteria and demand. Journal of Infection, 2015, 71, 493-495.	3.3	7
64	Antibiotic resistance, stewardship, and consumption. Lancet Planetary Health, The, 2019, 3, e66.	11.4	7
65	Comment on 'The distribution of antibiotic use and its association with antibiotic resistance'. ELife, 2019, 8, .	6.0	7
66	The hospital microbiome project: meeting report for the UK science and innovation network UK-USA workshop â€˜beating the superbugs: hospital microbiome studies for tackling antimicrobial resistanceâ€™, October 14th 2013. Standards in Genomic Sciences, 2014, 9, .	1.5	6
67	Role of locum GPs in antibiotic prescribing and stewardship: a mixed-methods study. British Journal of General Practice, 2022, 72, e118-e127.	1.4	6
68	Nosocomial Transmission of C. difficile in English Hospitals from Patients with Symptomatic Infection. PLoS ONE, 2014, 9, e99860.	2.5	4
69	Delayed Antibiotic Prescription by General Practitioners in the UK: A Stated-Choice Study. Antibiotics, 2020, 9, 608.	3.7	4
70	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	4
71	Using hospital network-based surveillance for antimicrobial resistance as a more robust alternative to self-reporting. PLoS ONE, 2019, 14, e0219994.	2.5	3
72	Awareness of Appropriate Antibiotic Use in Primary Care for Influenza-Like Illness: Evidence of Improvement from UK Population-Based Surveys. Antibiotics, 2020, 9, 690.	3.7	3

#	Article	IF	Citations
73	Recommendations for detection and rapid management of carbapenemase-producing Enterobacterales outbreaks. Infection Prevention in Practice, 2020, 2, 100086.	1.3	3
74	Public preferences for delayed or immediate antibiotic prescriptions in UK primary care: A choice experiment. PLoS Medicine, 2021, 18, e1003737.	8.4	3
75	Overuse of antibiotics: Can viral vaccinations help stem the tide?. British Journal of Clinical Pharmacology, 2021, 87, 87-89.	2.4	2
76	Prevalence of resistance to antibiotics in childrenâ€™s urinary Escherichia coli isolates estimated using national surveillance data. Journal of Antimicrobial Chemotherapy, 2018, 73, 2268-2269.	3.0	1
77	More Research Is Needed to Quantify Risks, Benefits, and Cost-Effectiveness of Universal Mupirocin Usage. Clinical Infectious Diseases, 2016, 62, 1193.2-1194.	5.8	0