

Chris Robertson

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

5,320
citations

122655

33
h-index

106894

65
g-index

169
all docs

169
docs citations

169
times ranked

11776
citing authors

#	ARTICLE	IF	CITATIONS
1	Interim findings from first-dose mass COVID-19 vaccination roll-out and COVID-19 hospital admissions in Scotland: a national prospective cohort study. <i>Lancet</i> , The, 2021, 397, 1646-1657.	12.1	491
2	Early estimation of pandemic influenza Antiviral and Vaccine Effectiveness (EAVE): use of a unique community and laboratory national data-linked cohort study. <i>Health Technology Assessment</i> , 2015, 19, 1-32.	2.9	489
3	Neurological complications after first dose of COVID-19 vaccines and SARS-CoV-2 infection. <i>Nature Medicine</i> , 2021, 27, 2144-2153.	30.1	275
4	Risk of hospital admission with coronavirus disease 2019 in healthcare workers and their households: nationwide linkage cohort study. <i>BMJ</i> , The, 2020, 371, m3582.	7.8	267
5	Risks of and risk factors for COVID-19 disease in people with diabetes: a cohort study of the total population of Scotland. <i>Lancet Diabetes and Endocrinology</i> , the, 2021, 9, 82-93.	11.3	262
6	First-dose ChAdOx1 and BNT162b2 COVID-19 vaccines and thrombocytopenic, thromboembolic and hemorrhagic events in Scotland. <i>Nature Medicine</i> , 2021, 27, 1290-1297.	30.1	216
7	Severity of omicron variant of concern and effectiveness of vaccine boosters against symptomatic disease in Scotland (EAVE II): a national cohort study with nested test-negative design. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 959-966.	8.9	215
8	SARS-CoV-2 infection and COVID-19 vaccination rates in pregnant women in Scotland. <i>Nature Medicine</i> , 2022, 28, 504-512.	30.1	199
9	Introduction and sustained high coverage of the HPV bivalent vaccine leads to a reduction in prevalence of HPV 16/18 and closely related HPV types. <i>British Journal of Cancer</i> , 2014, 110, 2804-2811.	6.6	159
10	COVID-19 hospital admissions and deaths after BNT162b2 and ChAdOx1 nCoV-19 vaccinations in 2.57 million people in Scotland (EAVE II): a prospective cohort study. <i>Lancet Respiratory Medicine</i> , the, 2021, 9, 1439-1449.	10.4	127
11	Two-dose ChAdOx1 nCoV-19 vaccine protection against COVID-19 hospital admissions and deaths over time: a retrospective, population-based cohort study in Scotland and Brazil. <i>Lancet</i> , The, 2022, 399, 25-35.	12.1	113
12	Effectiveness of seasonal influenza vaccine for adults and children in preventing laboratory-confirmed influenza in primary care in the United Kingdom: 2015/16 end-of-season results. <i>Eurosurveillance</i> , 2016, 21, .	7.4	104
13	Impact of COVID-19 on accident and emergency attendances and emergency and planned hospital admissions in Scotland: an interrupted time-series analysis. <i>Journal of the Royal Society of Medicine</i> , 2020, 113, 444-453.	4.4	84
14	Age, period and cohort models: The use of individual records. <i>Statistics in Medicine</i> , 1986, 5, 527-538.	1.7	81
15	Impact of COVID-19 lockdown on emergency asthma admissions and deaths: national interrupted time series analyses for Scotland and Wales. <i>Thorax</i> , 2021, 76, 867-873.	7.2	76
16	Rapid Epidemiological Analysis of Comorbidities and Treatments as risk factors for COVID-19 in Scotland (REACT-SCOT): A population-based case-control study. <i>PLoS Medicine</i> , 2020, 17, e1003374.	8.4	65
17	Examining the association between surface bioburden and frequently touched sites in intensive care. <i>Journal of Hospital Infection</i> , 2017, 95, 76-80.	3.1	63
18	Estimating excess length of stay due to healthcare-associated infections: a systematic review and meta-analysis of statistical methodology. <i>Journal of Hospital Infection</i> , 2018, 100, 222-235.	3.1	63

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19	Locally Advanced and Metastatic Prostate Cancer Treated with Intermittent Androgen Monotherapy or Maximal Androgen Blockade: Results from a Randomised Phase 3 Study by the South European Urological Group. <i>European Urology</i> , 2014, 66, 232-239.	5.0	61
20	Early Pandemic Evaluation and Enhanced Surveillance of COVID-19 (EAVE II): protocol for an observational study using linked Scottish national data. <i>BMJ Open</i> , 2020, 10, e039097.	2.1	60
21	Earlier diagnosis of lung cancer in a randomised trial of an autoantibody blood test followed by imaging. <i>European Respiratory Journal</i> , 2021, 57, 2000670.	7.5	58
22	Impact of healthcare-associated infection on length of stay. <i>Journal of Hospital Infection</i> , 2021, 114, 23-31.	3.1	57
23	Vaccine effectiveness in pandemic influenza – primary care reporting (VIPER): an observational study to assess the effectiveness of the pandemic influenza A (H1N1)v vaccine. <i>Health Technology Assessment</i> , 2010, 14, 313-46.	2.9	57
24	Impact of COVID-19 lockdown on the incidence and mortality of acute exacerbations of chronic obstructive pulmonary disease: national interrupted time series analyses for Scotland and Wales. <i>BMC Medicine</i> , 2021, 19, 124.	5.7	55
25	Risk of COVID-19 hospital admission among children aged 5–17 years with asthma in Scotland: a national incident cohort study. <i>Lancet Respiratory Medicine</i> , 2022, 10, 191-198.	10.4	55
26	Data feedback and behavioural change intervention to improve primary care prescribing safety (EFIPPS): multicentre, three arm, cluster randomised controlled trial. <i>BMJ</i> , 2016, 354, i4079.	7.8	53
27	HPV immunisation and cervical screening – confirmation of changed performance of cytology as a screening test in immunised women: a retrospective population-based cohort study. <i>British Journal of Cancer</i> , 2016, 114, 582-589.	6.6	52
28	Relation of severe COVID-19 to polypharmacy and prescribing of psychotropic drugs: the REACT-SCOT case-control study. <i>BMC Medicine</i> , 2021, 19, 51.	5.7	48
29	First dose ChAdOx1 and BNT162b2 COVID-19 vaccinations and cerebral venous sinus thrombosis: A pooled self-controlled case series study of 11.6 million individuals in England, Scotland, and Wales. <i>PLoS Medicine</i> , 2022, 19, e1003927.	8.4	45
30	Effectiveness of H1N1 vaccine for the prevention of pandemic influenza in Scotland, UK: a retrospective observational cohort study. <i>Lancet Infectious Diseases</i> , 2012, 12, 696-702.	8.9	43
31	A Pragmatic Randomized Controlled Trial of 6-Step vs 3-Step Hand Hygiene Technique in Acute Hospital Care in the United Kingdom. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 661-666.	2.0	43
32	Epidemiology of healthcare-associated infection reported from a hospital-wide incidence study: considerations for infection prevention and control planning. <i>Journal of Hospital Infection</i> , 2021, 114, 10-22.	3.1	39
33	Bed-days and costs associated with the inpatient burden of healthcare-associated infection in the UK. <i>Journal of Hospital Infection</i> , 2021, 114, 43-50.	3.1	38
34	Cohort Profile: Early Pandemic Evaluation and Enhanced Surveillance of COVID-19 (EAVE II) Database. <i>International Journal of Epidemiology</i> , 2021, 50, 1064-1074.	2.0	36
35	Syndromic surveillance to assess the potential public health impact of the Icelandic volcanic ash plume across the United Kingdom, April 2010. <i>Eurosurveillance</i> , 2010, 15, .	7.4	34
36	Use of direct oral anticoagulants in patients with atrial fibrillation in Scotland: Applying a coherent framework to drug utilisation studies. <i>Pharmacoepidemiology and Drug Safety</i> , 2017, 26, 1378-1386.	1.9	33

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37	Vaccine efficacy against severe COVID-19 in relation to delta variant (B.1.617.2) and time since second dose in patients in Scotland (REACT-SCOT): a case-control study. <i>Lancet Respiratory Medicine</i> , 2022, 10, 566-572.	10.4	32
38	Trivalent inactivated seasonal influenza vaccine effectiveness for the prevention of laboratory-confirmed influenza in a Scottish population 2000 to 2009. <i>Eurosurveillance</i> , 2015, 20, .	7.4	31
39	Risk of serious COVID-19 outcomes among adults with asthma in Scotland: a national incident cohort study. <i>Lancet Respiratory Medicine</i> , 2022, 10, 347-354.	10.4	31
40	Informing the public health response to COVID-19: a systematic review of risk factors for disease, severity, and mortality. <i>BMC Infectious Diseases</i> , 2021, 21, 342.	3.0	30
41	Relation of severe COVID-19 in Scotland to transmission-related factors and risk conditions eligible for shielding support: REACT-SCOT case-control study. <i>BMC Medicine</i> , 2021, 19, 149.	5.7	28
42	COVID-19 vaccine uptake, effectiveness, and waning in 82,959 health care workers: A national prospective cohort study in Wales. <i>Vaccine</i> , 2022, 40, 1180-1189.	4.0	28
43	Risk of hospital admission with covid-19 among teachers compared with healthcare workers and other adults of working age in Scotland, March 2020 to July 2021: population based case-control study. <i>BMJ, The</i> , 2021, 374, n2060.	7.8	27
44	Association between multimorbidity and mortality in a cohort of patients admitted to hospital with COVID-19 in Scotland. <i>Journal of the Royal Society of Medicine</i> , 2022, 115, 22-30.	4.4	26
45	Is there an association between airborne and surface microbes in the critical care environment?. <i>Journal of Hospital Infection</i> , 2018, 100, e123-e129.	3.1	25
46	A model to estimate the impact of changes in MMR vaccine uptake on inequalities in measles susceptibility in Scotland. <i>Statistical Methods in Medical Research</i> , 2016, 25, 1185-1200.	1.6	24
47	Enhanced surveillance of COVID-19 in Scotland: population-based seroprevalence surveillance for SARS-CoV-2 during the first wave of the epidemic. <i>Public Health</i> , 2021, 190, 132-134.	3.0	21
48	Risk of hospitalisation with fever following MenB vaccination: self-controlled case series analysis. <i>Archives of Disease in Childhood</i> , 2017, 102, 894-898.	2.8	20
49	Human Papilloma Virus (HPV) Oral Prevalence in Scotland (HOPSCOTCH): A Feasibility Study in Dental Settings. <i>PLoS ONE</i> , 2016, 11, e0165847.	2.5	20
50	Temporal trends and forecasting of COVID-19 hospitalisations and deaths in Scotland using a national real-time patient-level data platform: a statistical modelling study. <i>The Lancet Digital Health</i> , 2021, 3, e517-e525.	11.3	19
51	COVID-19 in Pregnancy in Scotland (COPS): protocol for an observational study using linked Scottish national data. <i>BMJ Open</i> , 2020, 10, e042813.	2.1	19
52	External validation of the QCovid risk prediction algorithm for risk of COVID-19 hospitalisation and mortality in adults: national validation cohort study in Scotland. <i>Thorax</i> , 2022, 77, 497-504.	7.2	19
53	Sit to stand activity during stroke rehabilitation. <i>Topics in Stroke Rehabilitation</i> , 2017, 24, 562-566.	2.1	18
54	Quantifying the small-area spatio-temporal dynamics of the Covid-19 pandemic in Scotland during a period with limited testing capacity. <i>Spatial Statistics</i> , 2022, 49, 100508.	2.0	17

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55	Seasonal Influenza Vaccine Effectiveness (SIVE): an observational retrospective cohort study â€” exploitation of a unique community-based national-linked database to determine the effectiveness of the seasonal trivalent influenza vaccine. <i>Health Services and Delivery Research</i> , 2013, 1, 1-46.	1.5	16
56	Trends in serotypes and sequence types among cases of invasive pneumococcal disease in Scotland, 1999â€”2010. <i>Vaccine</i> , 2014, 32, 4356-4363.	4.0	15
57	Cumulative and temporal associations between antimicrobial prescribing and community-associated <i>Clostridium difficile</i> infection: population-based caseâ€”control study using administrative data. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, dkw528.	3.2	15
58	Estimating the health impact of air pollution in Scotland, and the resulting benefits of reducing concentrations in city centres. <i>Spatial and Spatio-temporal Epidemiology</i> , 2019, 29, 85-96.	1.8	15
59	Impact of EMA regulatory label changes on systemic diclofenac initiation, discontinuation, and switching to other pain medicines in Scotland, England, Denmark, and The Netherlands. <i>Pharmacoepidemiology and Drug Safety</i> , 2020, 29, 296-305.	1.9	15
60	Is it worth screening elective orthopaedic patients for carriage of <i>Staphylococcus aureus</i> ? A part-retrospective caseâ€”control study in a Scottish hospital. <i>BMJ Open</i> , 2016, 6, e011642.	2.1	13
61	A Bayesian spaceâ€”time model for clustering areal units based on their disease trends. <i>Biostatistics</i> , 2019, 20, 681-697.	1.7	13
62	Quantifying the impact of the modifiable areal unit problem when estimating the health effects of air pollution. <i>Environmetrics</i> , 2020, 31, e2643.	1.5	13
63	Personalized infection prevention and control: identifying patients at risk of healthcare-associated infection. <i>Journal of Hospital Infection</i> , 2021, 114, 32-42.	3.1	13
64	Evaluating environmental and social influences on iron and zinc status of pregnant subsistence farmers in two geographically contrasting regions of Southern Malawi. <i>Science of the Total Environment</i> , 2014, 500-501, 199-210.	8.2	12
65	Evaluating the effectiveness, impact and safety of live attenuated and seasonal inactivated influenza vaccination: protocol for the Seasonal Influenza Vaccination Effectiveness II (SIVE II) study. <i>BMJ Open</i> , 2017, 7, e014200.	2.1	12
66	Assessment of the Variability in Influenza A(H1N1) Vaccine Effectiveness Estimates Dependent on Outcome and Methodological Approach. <i>PLoS ONE</i> , 2011, 6, e28743.	2.5	11
67	Seasonal Influenza Vaccine Effectiveness in People With Asthma: A National Test-Negative Design Case-Control Study. <i>Clinical Infectious Diseases</i> , 2020, 71, e94-e104.	5.7	11
68	Estimates of influenza vaccine effectiveness in primary care in Scotland vary with clinical or laboratory endpoint and methodâ€”Experience across the 2010/11 season. <i>Vaccine</i> , 2013, 31, 4556-4563.	4.0	10
69	Investigating anthelmintic efficacy against gastrointestinal nematodes in cattle by considering appropriate probability distributions for faecal egg count data. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2017, 7, 71-82.	3.5	10
70	Cost burden of <i>Clostridioides difficile</i> infection to the health service: A retrospective cohort study in Scotland. <i>Journal of Hospital Infection</i> , 2020, 106, 554-561.	3.1	10
71	Neonatal and maternal outcomes following SARS-CoV-2 infection and COVID-19 vaccination: a population-based matched cohort study. <i>Nature Communications</i> , 2023, 14, .	13.2	10
72	Improving predictive asthma algorithms with modelled environment data for Scotland: an observational cohort study protocol. <i>BMJ Open</i> , 2018, 8, e023289.	2.1	9

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73	How do we evaluate the cost of nosocomial infection? The ECONI protocol: an incidence study with nested case-control evaluating cost and quality of life. <i>BMJ Open</i> , 2019, 9, e026687.	2.1	9
74	The growing contribution of hepatitis C virus infection to liver-related mortality in Scotland. <i>Eurosurveillance</i> , 2010, 15, .	7.4	9
75	Adverse events following first and second dose COVID-19 vaccination in England, October 2020 to September 2021: a national vaccine surveillance platform self-controlled case series study. <i>Eurosurveillance</i> , 2023, 28, .	7.4	9
76	Determining the effect of social deprivation on the prevalence of healthcare-associated infections in acute hospitals: a multivariate analysis of a linked data set. <i>Journal of Hospital Infection</i> , 2015, 91, 351-357.	3.1	8
77	Evaluating the post-discharge cost of healthcare-associated infection in NHS Scotland. <i>Journal of Hospital Infection</i> , 2021, 114, 51-58.	3.1	8
78	Investigating the uptake, effectiveness and safety of COVID-19 vaccines: protocol for an observational study using linked UK national data. <i>BMJ Open</i> , 2022, 12, e050062.	2.1	8
79	Modelling the population effectiveness of the national seasonal influenza vaccination programme in Scotland: The impact of targeting all individuals aged 65 years and over. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 354-363.	3.5	6
80	Vaccine effectiveness of live attenuated and trivalent inactivated influenza vaccination in 2010/11 to 2015/16: the SIVE II record linkage study. <i>Health Technology Assessment</i> , 2020, 24, 1-66.	2.9	6
81	Risk of COVID-19 hospitalizations among school-aged children in Scotland: A national incident cohort study. <i>Journal of Global Health</i> , 0, 12, .	1.7	6
82	Effectiveness of mRNA boosters after homologous primary series with BNT162b2 or ChAdOx1 against symptomatic infection and severe COVID-19 in Brazil and Scotland: A test-negative design case-control study. <i>PLoS Medicine</i> , 2023, 20, e1004156.	8.4	6
83	Incidence of <i>Clostridioides difficile</i> infection (CDI) related to antibiotic prescribing by GP surgeries in Wales. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2437-2445.	3.2	5
84	National population prevalence of antibodies to SARS-CoV-2 in Scotland during the first and second waves of the COVID-19 pandemic. <i>Public Health</i> , 2021, 198, 102-105.	3.0	5
85	National population prevalence of antibodies to SARS-CoV-2 among pregnant women in Scotland during the second wave of the COVID-19 pandemic: a prospective national serosurvey. <i>Public Health</i> , 2021, 199, 17-19.	3.0	5
86	Variations in COVID-19 vaccination uptake among people in receipt of psychotropic drugs: cross-sectional analysis of a national population-based prospective cohort. <i>British Journal of Psychiatry</i> , 2022, 221, 417-424.	3.6	5
87	Assessing safety at the end of clinical trials using system organ classes: A case and comparative study. <i>Pharmaceutical Statistics</i> , 2021, 20, 1278-1287.	1.3	4
88	Estimating the effects of various clustering schemes on recall order. <i>British Journal of Mathematical and Statistical Psychology</i> , 1987, 40, 1-19.	1.6	3
89	Residual effect of community antimicrobial exposure on risk of hospital onset healthcare-associated <i>Clostridioides difficile</i> infection: a case-control study using national linked data. <i>Journal of Hospital Infection</i> , 2019, 103, 259-267.	3.1	3
90	Impact of EMA regulatory label changes on hydroxyzine initiation, discontinuation and switching to other medicines in Denmark, Scotland, England and the Netherlands: An interrupted time series regression analysis. <i>Pharmacoepidemiology and Drug Safety</i> , 2021, 30, 482-491.	1.9	3

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91	Comparison of multistate model, survival regression, and matched case-control methods for estimating excess length of stay due to healthcare-associated infections. <i>Journal of Hospital Infection</i> , 2022, 126, 44-51.	3.1	3
92	Understanding and reporting odds ratios as rate-ratio estimates in case-control studies. <i>Journal of Global Health</i> , 0, 13, .	1.7	3
93	Open-chest cardiac massage for non-traumatic cardiac arrest.. <i>Emergency Medicine Journal</i> , 1987, 4, 207-210.	2.0	2
94	Imputing missing quality of life data as covariate in survival analysis of the International Breast Cancer Study Group Trials VI and VII. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2019, 48, 580-590.	1.2	2
95	A Bayesian hierarchical approach for multiple outcomes in routinely collected healthcare data. <i>Statistics in Medicine</i> , 2020, 39, 2639-2654.	1.7	2
96	Efficacy of COVID-19 vaccination in individuals designated as clinically extremely vulnerable in Scotland. <i>F1000Research</i> , 0, 10, 663.	1.6	2
97	Investigating the association between COVID-19 vaccination and care home outbreak frequency and duration. <i>Public Health</i> , 2022, 203, 110-115.	3.0	2
98	Probabilistic microsimulation to examine the cost-effectiveness of hospital admission screening strategies for carbapenemase-producing enterobacteriaceae (CPE) in the United Kingdom. <i>European Journal of Health Economics</i> , 2022, 23, 1173-1185.	2.8	2
99	Risk of COVID-19 death in adults who received booster COVID-19 vaccinations in England. <i>Nature Communications</i> , 2024, 15, .	13.2	2
100	Uptake of COVID-19 vaccinations amongst 3,433,483 children and young people: meta-analysis of UK prospective cohorts. <i>Nature Communications</i> , 2024, 15, .	13.2	2
101	Prevalence and risk factors for long COVID among adults in Scotland using electronic health records: a national, retrospective, observational cohort study. <i>EClinicalMedicine</i> , 2024, 71, 102590.	7.2	2
102	Safety outcomes following COVID-19 vaccination and infection in 5.1 million children in England. <i>Nature Communications</i> , 2024, 15, .	13.2	2
103	Hospital usage of TOXBASE in Great Britain: Temporal trends in accesses 2008 to 2015. <i>Human and Experimental Toxicology</i> , 2018, 37, 1207-1214.	2.3	1
104	Reply to Bhavsar et al. <i>Eye</i> , 2013, 27, 1427-1428.	2.3	0
105	Risk of hospitalisation with fever following meningococcal vaccination: self-controlled case series analysis. <i>Archives of Disease in Childhood</i> , 2018, , .	2.8	0
106	Performance of standard imputation methods for missing quality of life data as covariate in survival analysis based on simulations from the International Breast Cancer Study Group Trials VI and VII*. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2019, 48, 3063-3077.	1.2	0
107	Comparing national point prevalence surveys of healthcare-associated infection and antimicrobial prescribing: a methodological approach to adjust for differences in case-mix. <i>Journal of Infection Prevention</i> , 2020, 21, 177-181.	1.1	0
108	Caveats in reporting of national vaccine uptake. <i>Journal of Global Health</i> , 0, 14, .	1.7	0

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109	Association between antibody responses post-vaccination and severe COVID-19 outcomes in Scotland. <i>Npj Vaccines</i> , 2024, 9, .	6.0	0
110	Real-world severe COVID-19 outcomes associated with use of antivirals and neutralising monoclonal antibodies in Scotland. <i>Npj Primary Care Respiratory Medicine</i> , 2024, 34, .	2.7	0
111	Selecting the most informative positive and negative controls for self-controlled case series (SCCS): Rationale, approach, and lessons from studies investigating the safety of COVID-19 vaccines. <i>Journal of Global Health</i> , 0, 14, .	1.7	0
112	COVID-19 and influenza vaccine uptake among pregnant women in national cohorts of England and Wales. <i>Npj Vaccines</i> , 2024, 9, .	6.0	0
113	Impact of the COVID-19 Pandemic on Influenza Hospital Admissions and Deaths in Wales: Descriptive National Time Series Analysis. <i>JMIR Public Health and Surveillance</i> , 0, 10, e43173-e43173.	2.6	0