Elizabeth J Williamson

List of Publications by Year
in descending order

127 papers	13,474 citations	66343 42 h-index	27406 106 g-index
156 all docs	156 docs citations	156 times ranked	26020 citing authors

#	Article	IF	Citations
1	Severity of Severe Acute Respiratory System Coronavirus 2 (SARS-CoV-2) Alpha Variant (B.1.1.7) in England. Clinical Infectious Diseases, 2022, 75, e1120-e1127.	5.8	71
2	Concussion and long‐term cognitive function among rugby players—The BRAIN Study. Alzheimer's and Dementia, 2022, 18, 1164-1176.	0.8	11
3	OpenSAFELY NHS Service Restoration Observatory 1: primary care clinical activity in England during the first wave of COVID-19. British Journal of General Practice, 2022, 72, e63-e74.	1.4	22
4	Trends and clinical characteristics of COVID-19 vaccine recipients: a federated analysis of 57.9 million patients' primary care records *in situ* using OpenSAFELY. British Journal of General Practice, 2022, 72, e51-e62.	1.4	75
5	Mortality among Care Home Residents in England during the first and second waves of the COVID-19 pandemic: an observational study of 4.3 million adults over the age of 65. Lancet Regional Health - Europe, The, 2022, 14, 100295.	5.6	38
6	Overall and cause-specific hospitalisation and death after COVID-19 hospitalisation in England: A cohort study using linked primary care, secondary care, and death registration data in the OpenSAFELY platform. PLoS Medicine, 2022, 19, e1003871.	8.4	39
7	The importance of blood pressure thresholds versus predicted cardiovascular risk on subsequent rates of cardiovascular disease: a cohort study in English primary care. The Lancet Healthy Longevity, 2022, 3, e22-e30.	4.6	3
8	Transparency of high‐dimensional propensity score analyses: Guidance for diagnostics and reporting. Pharmacoepidemiology and Drug Safety, 2022, 31, 411-423.	1.9	7
9	Potentially inappropriate prescribing of DOACs to people with mechanical heart valves: A federated analysis of 57.9 million patients' primary care records in situ using OpenSAFELY. Thrombosis Research, 2022, 211, 150-153.	1.7	6
10	Observational retrospective study calculating health service costs of patients receiving surgery for chronic rhinosinusitis in England, using linked patient-level primary and secondary care electronic data. BMJ Open, 2022, 12, e055603.	1.9	1
11	No evidence that herpes zoster is associated with increased risk of dementia diagnosis. Annals of Clinical and Translational Neurology, 2022, 9, 363-374.	3.7	9
12	Association between oral anticoagulants and COVID-19-related outcomes: a population-based cohort study. British Journal of General Practice, 2022, 72, e456-e463.	1.4	3
13	Comparison of methods for predicting COVID-19-related death in the general population using the OpenSAFELY platform. Diagnostic and Prognostic Research, 2022, 6, 6.	1.8	2
14	Comparing prevalence of chronic kidney disease and its risk factors between population-based surveys in Russia and Norway. BMC Nephrology, 2022, 23, 145.	1.8	0
15	Planning a method for covariate adjustment in individually randomised trials: a practical guide. Trials, 2022, 23, 328.	1.6	21
16	Relationship between the Bolsa Família national cash transfer programme and suicide incidence in Brazil: A quasi-experimental study. PLoS Medicine, 2022, 19, e1004000.	8.4	9
17	Risk of severe COVID-19 outcomes associated with immune-mediated inflammatory diseases and immune-modifying therapies: a nationwide cohort study in the OpenSAFELY platform. Lancet Rheumatology, The, 2022, 4, e490-e506.	3.9	61
18	Effect of pre-exposure use of hydroxychloroquine on COVID-19 mortality: a population-based cohort study in patients with rheumatoid arthritis or systemic lupus erythematosus using the OpenSAFELY platform. Lancet Rheumatology, The, 2021, 3, e19-e27.	3.9	49

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19	Real world effects of COPD medications: a cohort study with validation against results from randomised controlled trials. European Respiratory Journal, 2021, 57, 2001586.	6.7	11
20	What on-line searches tell us about public interest and potential impact on behaviour in response to minimum unit pricing of alcohol in Scotland. Addiction, 2021, 116, 2008-2015.	3.3	0
21	Use of non-steroidal anti-inflammatory drugs and risk of death from COVID-19: an OpenSAFELY cohort analysis based on two cohorts. Annals of the Rheumatic Diseases, 2021, 80, 943-951.	0.9	66
22	Socioeconomic position and cardiovascular mortality in 63 million adults from Brazil. Heart, 2021, 107, 822-827.	2.9	8
23	HIV infection and COVID-19 death: a population-based cohort analysis of UK primary care data and linked national death registrations within the OpenSAFELY platform. Lancet HIV,the, 2021, 8, e24-e32.	4.7	340
24	Feasibility study of assessing the Preclinical Alzheimer Cognitive Composite (PACC) score via videoconferencing. Journal of Neurology, 2021, 268, 2228-2237.	3.6	7
25	Proton pump inhibitors and risk of all-cause and cause-specific mortality: A cohort study. British Journal of Clinical Pharmacology, 2021, 87, 3150-3161.	2.4	14
26	Statin treatment and muscle symptoms: series of randomised, placebo controlled n-of-1 trials. BMJ, The, 2021, 372, n135.	6.0	102
27	The effect of statins on muscle symptoms in primary care: the StatinWISE series of 200 N-of-1 RCTs. Health Technology Assessment, 2021, 25, 1-62.	2.8	6
28	Association between living with children and outcomes from covid-19: OpenSAFELY cohort study of 12 million adults in England. BMJ, The, 2021, 372, n628.	6.0	56
29	Hydroxychloroquine treatment does not reduce COVID-19 mortality; underdosing to the wrong patients? – Authors' reply. Lancet Rheumatology, The, 2021, 3, e172-e173.	3.9	1
30	Case fatality risk of the SARS-CoV-2 variant of concern B.1.1.7 in England, 16 November to 5 February. Eurosurveillance, 2021, 26, .	7.0	156
31	Identifying Care Home Residents in Electronic Health Records - An OpenSAFELY Short Data Report. Wellcome Open Research, 2021, 6, 90.	1.8	18
32	Ethnic differences in SARS-CoV-2 infection and COVID-19-related hospitalisation, intensive care unit admission, and death in 17 million adults in England: an observational cohort study using the OpenSAFELY platform. Lancet, The, 2021, 397, 1711-1724.	13.7	332
33	A framework for handling missing accelerometer outcome data in trials. Trials, 2021, 22, 379.	1.6	12
34	Peer advocacy and access to healthcare for people who are homeless in London, UK: a mixed method impact, economic and process evaluation protocol. BMJ Open, 2021, 11, e050717.	1.9	4
35	Clinical coding of long COVID in English primary care: a federated analysis of 58 million patient records *in situ* using OpenSAFELY. British Journal of General Practice, 2021, 71, e806-e814.	1.4	74
36	Risks of covid-19 hospital admission and death for people with learning disability: population based cohort study using the OpenSAFELY platform. BMJ, The, 2021, 374, n1592.	6.0	70

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37	Factors associated with deaths due to COVID-19 versus other causes: population-based cohort analysis of UK primary care data and linked national death registrations within the OpenSAFELY platform. Lancet Regional Health - Europe, The, 2021, 6, 100109.	5.6	121
38	Medications for chronic obstructive pulmonary disease: a historical non-interventional cohort study with validation against RCT results. Health Technology Assessment, 2021, 25, 1-70.	2.8	0
39	Common Methods for Handling Missing Data in Marginal Structural Models: What Works and Why. American Journal of Epidemiology, 2021, 190, 663-672.	3.4	12
40	The BRAIN-Q, a tool for assessing self-reported sport-related concussions for epidemiological studies. Epidemiology and Health, 2021, 43, e2021086.	1.9	4
41	Association between warfarin and COVID-19-related outcomes compared with direct oral anticoagulants: population-based cohort study. Journal of Hematology and Oncology, 2021, 14, 172.	17.0	8
42	Association between circulating 25-hydroxyvitamin D concentrations and hip replacement for osteoarthritis: a prospective cohort study. BMC Musculoskeletal Disorders, 2021, 22, 887.	1.9	1
43	The Authors Respond. Epidemiology, 2021, 32, e2-e3.	2.7	1
44	OpenSAFELY: impact of national guidance on switching anticoagulant therapy during COVID-19 pandemic. Open Heart, 2021, 8, e001784.	2.3	17
45	Evaluating a digital sepsis alert in a London multisite hospital network: a natural experiment using electronic health record data. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 274-283.	4.4	21
46	Living risk prediction algorithm (QCOVID) for risk of hospital admission and mortality from coronavirus 19 in adults: national derivation and validation cohort study. BMJ, The, 2020, 371, m3731.	6.0	471
47	First line drug treatment for hypertension and reductions in blood pressure according to age and ethnicity: cohort study in UK primary care. BMJ, The, 2020, 371, m4080.	6.0	14
48	Implementing high‐dimensional propensity score principles to improve confounder adjustment in <scp>UK</scp> electronic health records. Pharmacoepidemiology and Drug Safety, 2020, 29, 1373-1381.	1.9	4
49	Factors associated with COVID-19-related death using OpenSAFELY. Nature, 2020, 584, 430-436.	27.8	4,674
50	Circulating 25-hydroxyvitamin D concentration and cause-specific mortality in the Melbourne Collaborative Cohort Study. Journal of Steroid Biochemistry and Molecular Biology, 2020, 198, 105612.	2.5	7
51	Risk of COVID-19-related death among patients with chronic obstructive pulmonary disease or asthma prescribed inhaled corticosteroids: an observational cohort study using the OpenSAFELY platform. Lancet Respiratory Medicine,the, 2020, 8, 1106-1120.	10.7	211
52	Access to routinely collected health data for clinical trials – review of successful data requests to UK registries. Trials, 2020, 21, 398.	1.6	22
53	Conditional Cash Transfer Program and Leprosy Incidence: Analysis of 12.9 Million Families From the 100 Million Brazilian Cohort. American Journal of Epidemiology, 2020, 189, 1547-1558.	3.4	17
54	Propensity scores using missingness pattern information: a practical guide. Statistics in Medicine, 2020, 39, 1641-1657.	1.6	24

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55	Comparative effects of sulphonylureas, dipeptidase–4 inhibitors and sodium–glucose co–transporter–2 inhibitors added to metformin monotherapy: a propensity–score matched cohort study in UK primary care. Diabetes, Obesity and Metabolism, 2020, 22, 847-856.	4.4	6
56	An evaluation of inverse probability weighting using the propensity score for baseline covariate adjustment in smaller population randomised controlled trials with a continuous outcome. BMC Medical Research Methodology, 2020, 20, 70.	3.1	32
57	Estimating treatment effects with partially observed covariates using outcome regression with missing indicators. Biometrical Journal, 2020, 62, 428-443.	1.0	18
58	Effect of a conditional cash transfer programme on leprosy treatment adherence and cure in patients from the nationwide 100 Million Brazilian Cohort: a quasi-experimental study. Lancet Infectious Diseases, The, 2020, 20, 618-627.	9.1	30
59	Notifications to Improve Engagement With an Alcohol Reduction App: Protocol for a Micro-Randomized Trial. JMIR Research Protocols, 2020, 9, e18690.	1.0	15
60	Engagement With a Behavior Change App for Alcohol Reduction: Data Visualization for Longitudinal Observational Study. Journal of Medical Internet Research, 2020, 22, e23369.	4.3	19
61	Health on the Move (HOME) Study: Using a smartphone app to explore the health and wellbeing of migrants in the United Kingdom. Wellcome Open Research, 2020, 5, 268.	1.8	1
62	Vitamin D status and the risk of type 2 diabetes: The Melbourne Collaborative Cohort Study. Diabetes Research and Clinical Practice, 2019, 149, 179-187.	2.8	21
63	The comparative effectiveness of fourth–line drugs in resistant hypertension: An application in electronic health record data. Pharmacoepidemiology and Drug Safety, 2019, 28, 1267-1277.	1.9	8
64	Eligibility and subsequent burden of cardiovascular disease of four strategies for blood pressure-lowering treatment: a retrospective cohort study. Lancet, The, 2019, 394, 663-671.	13.7	34
65	Propensity Score Methods in Health Technology Assessment: Principles, Extended Applications, and Recent Advances. Frontiers in Pharmacology, 2019, 10, 973.	3.5	124
66	Human herpesvirus infections and dementia or mild cognitive impairment: a systematic review and meta-analysis. Scientific Reports, 2019, 9, 4743.	3.3	65
67	Circulating 25-Hydroxyvitamin D Concentration and Risk of Breast, Prostate, and Colorectal Cancers: The Melbourne Collaborative Cohort Study. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 900-908.	2.5	22
68	Determinants of Transmission Risk During the Late Stage of the West African Ebola Epidemic. American Journal of Epidemiology, 2019, 188, 1319-1327.	3.4	11
69	Design choices for observational studies of the effect of exposure on disease incidence. BMJ Open, 2019, 9, e031031.	1.9	25
70	Sustained adherence to a Mediterranean diet and physical activity on all-cause mortality in the Melbourne Collaborative Cohort Study: application of the g-formula. BMC Public Health, 2019, 19, 1733.	2.9	9
71	A Collaborative Analysis of Individual Participant Data from 19 Prospective Studies Assesses Circulating Vitamin D and Prostate Cancer Risk. Cancer Research, 2019, 79, 274-285.	0.9	25
72	Propensity score analysis with partially observed covariates: How should multiple imputation be used?. Statistical Methods in Medical Research, 2019, 28, 3-19.	1.5	159

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73	Million Migrants study of healthcare and mortality outcomes in non-EU migrants and refugees to England: Analysis protocol for a linked population-based cohort study of 1.5 million migrants. Wellcome Open Research, 2019, 4, 4.	1.8	18
74	Trimethoprim use for urinary tract infection and risk of adverse outcomes in older patients: cohort study. BMJ: British Medical Journal, 2018, 360, k341.	2.3	47
75	Real-world effects of medications for chronic obstructive pulmonary disease: protocol for a UK population-based non-interventional cohort study with validation against randomised trial results. BMJ Open, 2018, 8, e019475.	1.9	6
76	Associations of alcohol intake, smoking, physical activity and obesity with survival following colorectal cancer diagnosis by stage, anatomic site and tumor molecular subtype. International Journal of Cancer, 2018, 142, 238-250.	5.1	83
77	Association of herpesviruses and stroke: Systematic review and meta-analysis. PLoS ONE, 2018, 13, e0206163.	2.5	37
78	Factors associated with choice of intensification treatment for type 2 diabetes after metformin monotherapy: a cohort study in UK primary care. Clinical Epidemiology, 2018, Volume 10, 1639-1648.	3.0	11
79	Associations Between 30-Day Mortality, Specialist Nursing, and Daily Physician Ward Rounds in a National Stroke Registry. Stroke, 2018, 49, 2155-2162.	2.0	14
80	Comparison of Propensity Score Methods and Covariate Adjustment. Journal of the American College of Cardiology, 2017, 69, 345-357.	2.8	468
81	25-Hydroxyvitamin D concentration and all-cause mortality: the Melbourne Collaborative Cohort Study. Public Health Nutrition, 2017, 20, 1775-1784.	2.2	7
82	Lifetime alcohol intake is associated with an increased risk of *KRAS*+ and *BRAF*−/*KRAS*−but not *BRAF+* colorectal cancer. International Journal of Cancer, 2017, 140, 1485-1493.	5.1	27
83	Trends for prevalence and incidence of resistant hypertension: population based cohort study in the UK 1995-2015. BMJ: British Medical Journal, 2017, 358, j3984.	2.3	57
84	Study protocol for statin web-based investigation of side effects (StatinWISE): a series of randomised controlled N-of-1 trials comparing atorvastatin and placebo in UK primary care. BMJ Open, 2017, 7, e016604.	1.9	14
85	Text messaging reminders for influenza vaccine in primary care: a cluster randomised controlled trial (TXT4FLUJAB). BMJ Open, 2016, 6, e010069.	1.9	34
86	Appropriate inclusion of interactions was needed to avoid bias in multiple imputation. Journal of Clinical Epidemiology, 2016, 80, 107-115.	5.0	55
87	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. Lancet, The, 2016, 388, 2510-2518.	13.7	118
88	Bias and precision of measures of survival gain from right-censored data. Pharmaceutical Statistics, 2015, 14, 409-417.	1.3	4
89	Acupuncture for Chronic Knee Pain: A Randomised Clinical Trial. Authors' Reply. Acupuncture in Medicine, 2015, 33, 86-88.	1.0	5
90	Randomized Controlled Trial of a Telephone-Based Peer-Support Program for Women Carrying a *BRCA1* or *BRCA2* Mutation: Impact on Psychological Distress. Journal of Clinical Oncology, 2014, 32, 4073-4080.	1.6	24

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91	Re: Microsatellite Instability and BRAF Mutation Testing in Colorectal Cancer Prognostication. Journal of the National Cancer Institute, 2014, 106, dju180-dju180.	6.3	6
92	Variance reduction in randomised trials by inverse probability weighting using the propensity score. Statistics in Medicine, 2014, 33, 721-737.	1.6	113
93	Acupuncture for Chronic Knee Pain. JAMA - Journal of the American Medical Association, 2014, 312, 1313.	7.4	213
94	Should the grading of colorectal adenocarcinoma include microsatellite instability status?. Human Pathology, 2014, 45, 2077-2084.	2.0	44
95	Introduction to propensity scores. Respirology, 2014, 19, 625-635.	2.3	117
96	Introduction to causal diagrams for confounder selection. Respirology, 2014, 19, 303-311.	2.3	112
97	Measurements of 25-Hydroxyvitamin D Concentrations in Archived Dried Blood Spots Are Reliable and Accurately Reflect Those in Plasma. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 3319-3324.	3.6	59
98	Gene-environment interaction in problematic substance use: interaction between *DRD4* and insecure attachments. Addiction Biology, 2013, 18, 717-726.	2.6	27
99	Expression of MUC2, MUC5AC, MUC5B, and MUC6 mucins in colorectal cancers and their association with the CpG island methylator phenotype. Modern Pathology, 2013, 26, 1642-1656.	5.5	127
100	Colorectal carcinomas with KRAS mutation are associated with distinctive morphological and molecular features. Modern Pathology, 2013, 26, 825-834.	5.5	126
101	Association between hypermethylation of DNA repetitive elements in white blood cell DNA and early-onset colorectal cancer. Epigenetics, 2013, 8, 748-755.	2.7	41
102	Poor Stereoacuity Among Children With Poor Literacy. Optometry and Vision Science, 2013, 90, 75-83.	1.2	12
103	Nitrous Oxide and Serious Morbidity and Mortality in the POISE Trial. Anesthesia and Analgesia, 2013, 116, 1034-1040.	2.2	36
104	PIK3CA Activating Mutation in Colorectal Carcinoma: Associations with Molecular Features and Survival. PLoS ONE, 2013, 8, e65479.	2.5	117
105	Body size and risk for colorectal cancers showing BRAF mutations or microsatellite instability: a pooled analysis. International Journal of Epidemiology, 2012, 41, 1060-1072.	1.9	65
106	20/20--Alcohol and Age-related Macular Degeneration: The Melbourne Collaborative Cohort Study. American Journal of Epidemiology, 2012, 176, 289-298.	3.4	59
107	Can genetic associations change with age? CFH and age-related macular degeneration. Human Molecular Genetics, 2012, 21, 5229-5236.	2.9	20
108	Risks of Primary Extracolonic Cancers Following Colorectal Cancer in Lynch Syndrome. Journal of the National Cancer Institute, 2012, 104, 1363-1372.	6.3	193

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109	Propensity scores: From naïve enthusiasm to intuitive understanding. Statistical Methods in Medical Research, 2012, 21, 273-293.	1.5	177
110	The mediating effect of microbial colonization on the effect of cesarean section delivery. Journal of Allergy and Clinical Immunology, 2012, 129, 584-585.	2.9	3
111	Infection, Inflammation, and Lung Function Decline in Infants with Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 75-81.	5.6	256
112	Nitrous Oxide and Long-Term Morbidity and Mortality in the ENIGMA Trial. Anesthesia and Analgesia, 2011, 112, 387-393.	2.2	111
113	Annual high-dose vitamin D_3 and mental well-being: randomised controlled trial. British Journal of Psychiatry, 2011, 198, 357-364.	2.8	139
114	Modeling gene–environment interaction in longitudinal data: Risk for neuroticism due to interaction between maternal care and the Dopamine 4 Receptor gene (DRD4). Australian Journal of Psychology, 2011, 63, 18-25.	2.8	10
115	Lateral wedge insoles for medial knee osteoarthritis: 12 month randomised controlled trial. BMJ: British Medical Journal, 2011, 342, d2912-d2912.	2.3	168
116	APOE Genotype and Cardio-Respiratory Fitness Interact to Determine Adiposity in 8-Year-Old Children from the Tasmanian Infant Health Survey. PLoS ONE, 2011, 6, e26679.	2.5	13
117	Effect of including environmental data in investigations of gene–disease associations in the presence of qualitative interactions. Genetic Epidemiology, 2010, 34, 552-560.	1.3	9
118	Confounder–adjusted estimates of the risk difference using propensity score–based weighting. Statistics in Medicine, 2010, 29, 3126-3136.	1.6	19
119	Annual High-Dose Oral Vitamin D and Falls and Fractures in Older Women. JAMA - Journal of the American Medical Association, 2010, 303, 1815.	7.4	1,159
120	Incidence and predictors of silent myocardial infarction in type 2 diabetes and the effect of fenofibrate: an analysis from the Fenofibrate Intervention and Event Lowering in Diabetes (FIELD) study. European Heart Journal, 2010, 31, 92-99.	2.2	105
121	Children with Low Literacy and Poor Stereoacuity: An Evaluation of Complex Interventions in a Community-Based Randomized Trial. Ophthalmic Epidemiology, 2009, 16, 311-321.	1.7	3
122	Anaphylaxis fatalities and admissions in Australia. Journal of Allergy and Clinical Immunology, 2009, 123, 434-442.	2.9	392
123	Children with Low Literacy and Poor Stereoacuity: An Evaluation of Complex Interventions in a Community-Based Randomized Trial. Ophthalmic Epidemiology, 2009, 16, 311-321.	1.7	7
124	The effect of font and line width on reading speed in people with mild to moderate vision loss. Ophthalmic and Physiological Optics, 2006, 26, 545-554.	2.0	35
125	Study protocol: Comparison of different risk prediction modelling approaches for COVID-19 related death using the OpenSAFELY platform. Wellcome Open Research, 0, 5, 243.	1.8	3
126	A comprehensive high cost drugs dataset from the NHS in England - An OpenSAFELY-TPP Short Data Report. Wellcome Open Research, 0, 6, 360.	1.8	8

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127	Rates of serious clinical outcomes in survivors of hospitalisation with COVID-19 in England: a descriptive cohort study within the OpenSAFELY platform. Wellcome Open Research, 0, 7, 142.	1.8	6