

Alastair H Leyland

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

3,333
citations

279487

23
h-index

168136

53
g-index

108
all docs

108
docs citations

108
times ranked

5143
citing authors

#	ARTICLE	IF	CITATIONS
1	Occupation and risk of severe COVID-19: prospective cohort study of 120 075 UK Biobank participants. <i>Occupational and Environmental Medicine</i> , 2021, 78, 307-314.	1.3	402
2	Natural Experiments: An Overview of Methods, Approaches, and Contributions to Public Health Intervention Research. <i>Annual Review of Public Health</i> , 2017, 38, 39-56.	7.6	365
3	Mental health and health behaviours before and during the initial phase of the COVID-19 lockdown: longitudinal analyses of the UK Household Longitudinal Study. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, jech-2020-215060.	2.0	323
4	Socioeconomic status as an effect modifier of alcohol consumption and harm: analysis of linked cohort data. <i>Lancet Public Health</i> , The, 2017, 2, e267-e276.	4.7	218
5	Multilevel Models: Applications to Health Data. <i>Journal of Health Services Research and Policy</i> , 1996, 1, 154-164.	0.8	203
6	Multilevel modelling and public health policy. <i>Scandinavian Journal of Public Health</i> , 2003, 31, 267-274.	1.2	149
7	Cause-specific inequalities in mortality in Scotland: two decades of change. A population-based study. <i>BMC Public Health</i> , 2007, 7, 172.	1.2	117
8	Air Pollution, Social Deprivation, and Mortality. <i>Epidemiology</i> , 2007, 18, 686-694.	1.2	112
9	The contribution of risk factors to socioeconomic inequalities in multimorbidity across the lifecourse: a longitudinal analysis of the Twenty-07 cohort. <i>BMC Medicine</i> , 2017, 15, 152.	2.3	112
10	Multivariate spatial models for event data. <i>Statistics in Medicine</i> , 2000, 19, 2469-2478.	0.8	71
11	Creating small-area deprivation indices: a guide for stages and options. <i>Journal of Epidemiology and Community Health</i> , 2020, 74, 20-25.	2.0	59
12	Assessing the Representativeness of Population-Sampled Health Surveys Through Linkage to Administrative Data on Alcohol-Related Outcomes. <i>American Journal of Epidemiology</i> , 2014, 180, 941-948.	1.6	58
13	PATTERNS OF NEUROPSYCHOLOGICAL FUNCTION IN A LOW-BIRTHWEIGHT POPULATION. <i>Developmental Medicine and Child Neurology</i> , 1993, 35, 943-956.	1.1	55
14	Explaining trends in Scottish coronary heart disease mortality between 2000 and 2010 using IMPACTSEC model: retrospective analysis using routine data. <i>BMJ</i> , The, 2014, 348, g1088-g1088.	3.0	54
15	Empirical Bayes methods for disease mapping. <i>Statistical Methods in Medical Research</i> , 2005, 14, 17-34.	0.7	48
16	Pragmatic randomised controlled trial to evaluate guidelines for the management of infertility across the primary care-secondary care. <i>BMJ: British Medical Journal</i> , 2001, 322, 1282-1282.	2.4	45
17	Developing a new small-area measure of deprivation using 2001 and 2011 census data from Scotland. <i>Health and Place</i> , 2016, 39, 122-130.	1.5	40
18	Patterns of mortality by occupation in the UK, 1991-2011: a comparative analysis of linked census and mortality records. <i>Lancet Public Health</i> , The, 2017, 2, e501-e512.	4.7	38

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19	Socioeconomic equity in amenable mortality in Finland 1992–2008. <i>Social Science and Medicine</i> , 2012, 75, 905-913.	1.8	37
20	Socioeconomic gradients in the prevalence of cardiovascular disease in Scotland: the roles of composition and context. <i>Journal of Epidemiology and Community Health</i> , 2005, 59, 799-803.	2.0	36
21	Dying younger in Scotland: Trends in mortality and deprivation relative to England and Wales, 1981–2011. <i>Health and Place</i> , 2016, 40, 106-115.	1.5	35
22	Socioeconomic position and early adolescent smoking development: evidence from the British Youth Panel Survey (1994–2008). <i>Tobacco Control</i> , 2016, 25, 203-210.	1.8	35
23	The increasing lifespan variation gradient by area-level deprivation: A decomposition analysis of Scotland 1981–2011. <i>Social Science and Medicine</i> , 2019, 230, 147-157.	1.8	32
24	The impact on health of employment and welfare transitions for those receiving out-of-work disability benefits in the UK. <i>Social Science and Medicine</i> , 2016, 162, 1-10.	1.8	27
25	Deaths of despair: cause-specific mortality and socioeconomic inequalities in cause-specific mortality among young men in Scotland. <i>International Journal for Equity in Health</i> , 2020, 19, 215.	1.5	24
26	Adjustment for survey non-representativeness using record-linkage: refined estimates of alcohol consumption by deprivation in Scotland. <i>Addiction</i> , 2017, 112, 1270-1280.	1.7	22
27	Homicides involving knives and other sharp objects in Scotland, 1981–2003. <i>Journal of Public Health</i> , 2006, 28, 145-147.	1.0	21
28	Increasing socioeconomic inequalities in first acute myocardial infarction in Scotland, 1990–92 and 2000–02. <i>BMC Public Health</i> , 2009, 9, 134.	1.2	21
29	Enhancing Health Through Access to Nature: How Effective are Interventions in Woodlands in Deprived Urban Communities? A Quasi-experimental Study in Scotland, UK. <i>Sustainability</i> , 2019, 11, 3317.	1.6	20
30	“All in it Together”? Social Cohesion in a Divided Society: Attitudes to Income Inequality and Redistribution in a Residential Context. <i>Journal of Social Policy</i> , 2014, 43, 453-477.	0.8	19
31	Psychological distress among people with probable COVID-19 infection: analysis of the UK Household Longitudinal Study. <i>BJPsych Open</i> , 2021, 7, e104.	0.3	19
32	Health impacts of environmental and social interventions designed to increase deprived communities’ access to urban woodlands: a mixed-methods study. <i>Public Health Research</i> , 2019, 7, 1-172.	0.5	19
33	Contextual effects on health inequalities: a research agenda. <i>European Journal of Public Health</i> , 2017, 27, 587-588.	0.1	18
34	Socioeconomic differences in mortality amenable to health care among Finnish adults 1992-2003: 12-year follow up using individual level linked population register data. <i>BMC Health Services Research</i> , 2013, 13, 3.	0.9	17
35	Inequalities in pediatric avoidable hospitalizations between Aboriginal and non-Aboriginal children in Australia: a population data linkage study. <i>BMC Pediatrics</i> , 2016, 16, 169.	0.7	17
36	Increasing inequality in age of death at shared levels of life expectancy: A comparative study of Scotland and England and Wales. <i>SSM - Population Health</i> , 2016, 2, 724-731.	1.3	17

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37	How robust are the estimated effects of air pollution on health? Accounting for model uncertainty using Bayesian model averaging. <i>Spatial and Spatio-temporal Epidemiology</i> , 2016, 18, 53-62.	0.9	17
38	All-cause and cause-specific mortality in Scotland 1981–2011 by age, sex and deprivation: a population-based study. <i>European Journal of Public Health</i> , 2019, 29, 647-655.	0.1	17
39	Scaling COVID-19 against inequalities: should the policy response consistently match the mortality challenge?. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 315-320.	2.0	17
40	Causal effects of transitions to adult roles on early adult smoking and drinking: Evidence from three cohorts. <i>Social Science and Medicine</i> , 2017, 187, 193-202.	1.8	16
41	Assessing progress in protecting non-smokers from secondhand smoke. <i>Tobacco Control</i> , 2019, 28, 692-695.	1.8	16
42	Loneliness and personal well-being in young people: Moderating effects of individual, interpersonal, and community factors. <i>Journal of Adolescence</i> , 2022, 94, 554-568.	1.2	16
43	How effective is the Forestry Commission Scotland's woodland improvement programme "Woods In and Around Towns™ (WIAT)" at improving psychological well-being in deprived urban communities? A quasi-experimental study. <i>BMJ Open</i> , 2013, 3, e003648.	0.8	15
44	Inequalities in all-cause and cause-specific mortality across the life course by wealth and income in Sweden: a register-based cohort study. <i>International Journal of Epidemiology</i> , 2020, 49, 917-925.	0.9	12
45	Multimorbidity and Its Relationship With Long-Term Outcomes After Critical Care Discharge. <i>Chest</i> , 2021, 160, 1681-1692.	0.4	12
46	A Monte Carlo method to estimate the confidence intervals for the concentration index using aggregated population register data. <i>Health Services and Outcomes Research Methodology</i> , 2015, 15, 82-98.	0.8	11
47	Adolescent smoking and tertiary education: opposing pathways linking socioeconomic background to alcohol consumption. <i>Addiction</i> , 2016, 111, 1457-1465.	1.7	11
48	Geographic variation of inpatient care costs at the end of life. <i>Age and Ageing</i> , 2016, 45, 376-381.	0.7	11
49	Correcting for non-participation bias in health surveys using record-linkage, synthetic observations and pattern mixture modelling. <i>Statistical Methods in Medical Research</i> , 2020, 29, 1212-1226.	0.7	11
50	Long term outcomes following critical care hospital admission: A prospective cohort study of UK biobank participants. <i>Lancet Regional Health - Europe</i> , The, 2021, 6, 100121.	3.0	10
51	Evaluation of Health in Pregnancy grants in Scotland: a natural experiment using routine data. <i>Public Health Research</i> , 2017, 5, 1-278.	0.5	10
52	Comparing population-level mental health of UK workers before and during the COVID-19 pandemic: a longitudinal study using Understanding Society. <i>Journal of Epidemiology and Community Health</i> , 2022, 76, 527-536.	2.0	10
53	Modelling Future Coronary Heart Disease Mortality to 2030 in the British Isles. <i>PLoS ONE</i> , 2015, 10, e0138044.	1.1	9
54	Socioeconomic inequalities in rates of amenable mortality in Scotland: Analyses of the fundamental causes using the Scottish Longitudinal Study, 1991–2010. <i>Population, Space and Place</i> , 2022, 28, e2385.	1.2	9

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55	Cancer mortality 1981–2016 and contribution of specific cancers to current socioeconomic inequalities in all cancer mortality: A population-based study. <i>Cancer Epidemiology</i> , 2021, 74, 102010.	0.8	9
56	Visualising linked health data to explore health events around preventable hospitalisations in NSW Australia. <i>BMJ Open</i> , 2016, 6, e012031.	0.8	8
57	Assessing the potential utility of commercial “big data”™ for health research: Enhancing small-area deprivation measures with Experian’s Mosaic groups. <i>Health and Place</i> , 2019, 57, 238-246.	1.5	8
58	Evaluation of a national smoke-free prisons policy using medication dispensing: an interrupted time-series analysis. <i>Lancet Public Health</i> , The, 2021, 6, e795-e804.	4.7	8
59	Improving spatial nitrogen dioxide prediction using diffusion tubes: A case study in West Central Scotland. <i>Atmospheric Environment</i> , 2015, 118, 227-235.	1.9	7
60	Age, health and other factors associated with return to work for those engaging with a welfare-to-work initiative: a cohort study of administrative data from the UK’s Work Programme. <i>BMJ Open</i> , 2018, 8, e024938.	0.8	7
61	Differences in ill health and in socioeconomic inequalities in health by ethnic groups: a cross-sectional study using 2011 Scottish census. <i>Ethnicity and Health</i> , 2019, , 1-19.	1.5	7
62	Do hospitals influence geographic variation in admission for preventable hospitalisation? A data linkage study in New South Wales, Australia. <i>BMJ Open</i> , 2019, 9, e027639.	0.8	7
63	Social inequalities and hospital admission for unintentional injury in young children in Scotland: A nationwide linked cohort study. <i>Lancet Regional Health - Europe</i> , The, 2021, 6, 100117.	3.0	7
64	Evaluating the effect of Bolsa Familia, Brazil’s conditional cash transfer programme, on maternal and child health: A study protocol. <i>PLoS ONE</i> , 2022, 17, e0268500.	1.1	7
65	Evaluating possible intended and unintended consequences of the implementation of alcohol minimum unit pricing (MUP) in Scotland: a natural experiment protocol. <i>BMJ Open</i> , 2019, 9, e028482.	0.8	6
66	Alcohol-related Outcomes and All-cause Mortality in the Health 2000 Survey by Participation Status and Compared with the Finnish Population. <i>Epidemiology</i> , 2020, 31, 534-541.	1.2	6
67	Intended and unintended consequences of the implementation of minimum unit pricing of alcohol in Scotland: a natural experiment. <i>Public Health Research</i> , 2021, 9, 1-210.	0.5	6
68	The challenges of measuring social cohesion in public health research: A systematic review and econometric meta-analysis. <i>SSM - Population Health</i> , 2022, 17, 101028.	1.3	6
69	The Scottish school leavers cohort: linkage of education data to routinely collected records for mortality, hospital discharge and offspring birth characteristics. <i>BMJ Open</i> , 2017, 7, e015027.	0.8	5
70	Using Weighted Hospital Service Area Networks to Explore Variation in Preventable Hospitalization. <i>Health Services Research</i> , 2018, 53, 3148-3169.	1.0	5
71	The wider implications of the COVID-19 pandemic: Assessing the impact of accident and emergency use for frequent attenders. <i>International Emergency Nursing</i> , 2021, 56, 100984.	0.6	5
72	The LoCo (Lockdown Cohort)-effect: why the LoCo may have better life prospects than previous and subsequent birth cohorts. <i>European Journal of Public Health</i> , 2022, 32, 339-340.	0.1	5

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73	Evaluation of Health in Pregnancy grants in Scotland: a protocol for a natural experiment. <i>BMJ Open</i> , 2014, 4, e006547.	0.8	4
74	Protocol for a mixed-methods longitudinal study to identify factors influencing return to work in the over 50s participating in the UK Work Programme: Supporting Older People into Employment (SOPIE). <i>BMJ Open</i> , 2015, 5, e010525.	0.8	4
75	How successful was the English teenage pregnancy strategy?. <i>Lancet, The</i> , 2016, 388, 2604.	6.3	4
76	Prenatal Vitamins and the Risk of Offspring Autism Spectrum Disorder: Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2021, 13, 2558.	1.7	4
77	Comparison of mortality hazard ratios associated with health behaviours in Canada and the United States: a population-based linked health survey study. <i>BMC Public Health</i> , 2022, 22, 478.	1.2	4
78	International population-based health surveys linked to outcome data: A new resource for public health and epidemiology. <i>Health Reports</i> , 2020, 31, 12-23.	0.6	4
79	Declining cardiovascular mortality masks unpalatable inequalities. <i>Heart</i> , 2020, 106, 6-7.	1.2	3
80	Ethnic and social inequalities in COVID-19 outcomes in Scotland: protocol for early pandemic evaluation and enhanced surveillance of COVID-19 (EAVE II). <i>BMJ Open</i> , 2021, 11, e048852.	0.8	3
81	Individual and Area-level Factors Contributing to the Geographic Variation in Ambulatory Care Sensitive Conditions in Finland. <i>Medical Care</i> , 2021, 59, 123-130.	1.1	3
82	Validation of non-participation bias methodology based on record-linked Finnish register-based health survey data: a protocol paper. <i>BMJ Open</i> , 2019, 9, e026187.	0.8	2
83	P64...How do changes in individual or household income impact on mental health for working-age adults? A systematic review. , 2021, , .		2
84	Cohort profile: The "Children's Health in Care in Scotland" (CHiCS) study—a longitudinal dataset to compare health outcomes for care experienced children and general population children. <i>BMJ Open</i> , 2021, 11, e054664.	0.8	2
85	Investing in early years to reduce non-communicable diseases in adults. <i>European Journal of Public Health</i> , 2021, , .	0.1	2
86	Process and impact of implementing a smoke-free policy in prisons in Scotland: TIPs mixed-methods study. <i>Public Health Research</i> , 2022, 10, 1-138.	0.5	2
87	The prospective relationship between loneliness, life satisfaction and psychological distress before and during the COVID-19 pandemic in the UK. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2023, 31, 1417-1431.	0.8	2
88	Initial protocol for a national evaluation of an area-based intervention programme (A Better Start) on early-life outcomes: a longitudinal cohort study with comparison (control) cohort samples. <i>BMJ Open</i> , 2017, 7, e015086.	0.8	1
89	Alcohol consumption, wealth, and health " Authors' reply. <i>Lancet Public Health, The</i> , 2017, 2, e354.	4.7	1
90	What should we think about widening relative inequalities in health?. <i>European Journal of Public Health</i> , 2020, 30, 620-621.	0.1	1

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91	Evaluating the impact of the Bolsa Familia conditional cash transfer program on premature cardiovascular and all-cause mortality using the 100 million Brazilian cohort: a natural experiment study protocol. <i>BMJ Open</i> , 2020, 10, e039658.	0.8	1
92	P137â€¦Establishment of a cohort to identify factors influencing return to work in the over 50s participating in the uk work programme: supporting older people into employment (SOPIE). , 2016, , .		0
93	O260â€¦Visualising the unemployment-to-employment transitions to explore factors influencing return to work in the work programme: results from the supporting older people into employment (sopie) cohort. , 2017, , .		0
94	Is the study of genetic propensities within the remit of health inequalities research?. <i>European Journal of Public Health</i> , 2021, 31, 459-460.	0.1	0
95	Adjustment for survey non-participation using record linkage and multiple imputation: A validity assessment exercise using the Health 2000 survey. <i>Scandinavian Journal of Public Health</i> , 2021, , 140349482110313.	1.2	0
96	P91â€¦Sensitivity analyses for unmeasured confounding: recommendations for population health research. , 2021, , .		0
97	OP75â€¦Mapping UK policies and strategies relevant to child and maternal health to identify opportunities for upstream evaluations: initial findings from the maternal and child health network (MatCHNet). , 2021, , .		0
98	Implementation of a national smoke-free prison policy: an economic evaluation within the Tobacco in Prisons (TIPs) study. <i>Tobacco Control</i> , 2023, 32, 701-708.	1.8	0