

Richard Fry

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

966
citations

567281

15
h-index

477307

29
g-index

68
all docs

68
docs citations

68
times ranked

1264
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-modal two-step floating catchment area analysis of primary health care accessibility. <i>Health and Place</i> , 2016, 38, 70-81.	3.3	143
2	Measuring transit system accessibility using a modified two-step floating catchment technique. <i>International Journal of Geographical Information Science</i> , 2012, 26, 193-214.	4.8	86
3	Investigating the Implications of Using Alternative GIS-Based Techniques to Measure Accessibility to Green Space. <i>Environment and Planning B: Planning and Design</i> , 2012, 39, 326-343.	1.7	86
4	How much space do drivers provide when passing cyclists? Understanding the impact of motor vehicle and infrastructure characteristics on passing distance. <i>Accident Analysis and Prevention</i> , 2019, 128, 253-260.	5.7	51
5	Understanding and responding to COVID-19 in Wales: protocol for a privacy-protecting data platform for enhanced epidemiology and evaluation of interventions. <i>BMJ Open</i> , 2020, 10, e043010.	1.9	50
6	Using floating catchment analysis (FCA) techniques to examine intra-urban variations in accessibility to public transport opportunities: the example of Cardiff, Wales. <i>Journal of Transport Geography</i> , 2012, 25, 1-14.	5.0	47
7	External validation of the electronic Frailty Index using the population of Wales within the Secure Anonymised Information Linkage Databank. <i>Age and Ageing</i> , 2019, 48, 922-926.	1.6	47
8	Change in alcohol outlet density and alcohol-related harm to population health (CHALICE). <i>BMC Public Health</i> , 2012, 12, 428.	2.9	45
9	The impact of COVID-19 on adjusted mortality risk in care homes for older adults in Wales, UK: a retrospective population-based cohort study for mortality in 2016-2020. <i>Age and Ageing</i> , 2021, 50, 25-31.	1.6	44
10	Investigating variations in the provision of digital services in public libraries using network-based GIS models. <i>Library and Information Science Research</i> , 2013, 35, 24-32.	2.0	37
11	Modelling spatial access to General Practitioner surgeries: Does public transport availability matter?. <i>Journal of Transport and Health</i> , 2017, 6, 143-154.	2.2	35
12	Web-based GIS Approaches to Enhance Public Participation in Wind Farm Planning. <i>Transactions in GIS</i> , 2011, 15, 147-172.	2.3	32
13	Change in alcohol outlet density and alcohol-related harm to population health (CHALICE): a comprehensive record-linked database study in Wales. <i>Public Health Research</i> , 2016, 4, 1-184.	1.3	29
14	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.	3.8	25
15	Associations between the Home Physical Environment and Children's Home-Based Physical Activity and Sitting. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4178.	2.6	22
16	Deriving household composition using population-scale electronic health record data: A reproducible methodology. <i>PLoS ONE</i> , 2021, 16, e0248195.	2.5	20
17	Longitudinal access and exposure to green-blue spaces and individual-level mental health and well-being: protocol for a longitudinal, population-wide record-linked natural experiment. <i>BMJ Open</i> , 2019, 9, e027289.	1.9	17
18	Using Geographic Information Systems to investigate variations in accessibility to "extended hours" primary healthcare provision. <i>Health and Social Care in the Community</i> , 2019, 27, 1074-1084.	1.6	17

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19	Protocol for the development of the Wales Multimorbidity e-Cohort (WMC): data sources and methods to construct a population-based research platform to investigate multimorbidity. <i>BMJ Open</i> , 2021, 11, e047101.	1.9	12
20	Study protocol for investigating the impact of community home modification services on hospital utilisation for fall injuries: a controlled longitudinal study using data linkage. <i>BMJ Open</i> , 2018, 8, e026290.	1.9	11
21	GIS-modelled built-environment exposures reflecting daily mobility for applications in child health research. <i>International Journal of Health Geographics</i> , 2020, 19, 12.	2.5	10
22	Quantifying the Error Associated with Alternative GIS-based Techniques to Measure Access to Health Care Services. <i>AIMS Public Health</i> , 2015, 2, 746-761.	2.6	10
23	COVID-19 mitigation measures in primary schools and association with infection and school staff wellbeing: An observational survey linked with routine data in Wales, UK. <i>PLoS ONE</i> , 2022, 17, e0264023.	2.5	9
24	How does the built environment affect teenagers (aged 13-14) physical activity and fitness? A cross-sectional analysis of the ACTIVE Project. <i>PLoS ONE</i> , 2020, 15, e0237784.	2.5	8
25	Impact of air pollution on educational attainment for respiratory health treated students: A cross sectional data linkage study. <i>Health and Place</i> , 2020, 63, 102355.	3.3	8
26	Real-time spatial health surveillance: Mapping the UK COVID-19 epidemic. <i>International Journal of Medical Informatics</i> , 2021, 149, 104400.	3.3	8
27	Staff-pupil SARS-CoV-2 infection pathways in schools in Wales: a population-level linked data approach. <i>BMJ Paediatrics Open</i> , 2021, 5, e001049.	1.4	7
28	Do home modifications reduce care home admissions for older people? A matched control evaluation of the Care & Repair Cymru service in Wales. <i>Age and Ageing</i> , 2020, 49, 1056-1061.	1.6	5
29	COVID-19 infection risk amongst 14,104 vaccinated care home residents: a national observational longitudinal cohort study in Wales, UK, December 2020-March 2021. <i>Age and Ageing</i> , 2022, 51, .	1.6	5
30	Dynamic Choropleth Maps - Using Amalgamation to Increase Area Perceivability. , 2018, . .		3
31	A best practice framework to measure spatial variation in alcohol availability. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2020, 47, 381-399.	2.0	3
32	Do home adaptation interventions help to reduce emergency fall admissions? A national longitudinal data-linkage study of 657,536 older adults living in Wales (UK) between 2010 and 2017. <i>Age and Ageing</i> , 2022, 51, .	1.6	3
33	Agricultural Injury Surveillance Using a Regional Trauma Registry. <i>Journal of Surgical Research</i> , 2022, 273, 181-191.	1.6	3
34	Intensity of COVID-19 in care homes following hospital discharge in the early stages of the UK epidemic. <i>Age and Ageing</i> , 2022, 51, .	1.6	3
35	Cohort Profile: The Green and Blue Spaces (GBS) and mental health in Wales e-cohort. <i>International Journal of Epidemiology</i> , 2022, 51, e285-e294.	1.9	3
36	The WISERD Geoportal: A Tool for the Discovery, Analysis and Visualization of Socio-economic (Meta) Data for Wales. <i>Transactions in GIS</i> , 2012, 16, 105-124.	2.3	2

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37	Using Routinely Collected Administrative Data in Public Health Research: Geocoding Alcohol Outlet Data. <i>Applied Spatial Analysis and Policy</i> , 2017, 10, 301-315.	2.0	2
38	Are individual and social factors specific to the home associated with children's behaviour and physical environment at home. <i>Journal of Sports Sciences</i> , 2021, 39, 2242-2257.	2.0	2
39	Regional variation in travel to health services following transport-related major trauma. <i>Injury</i> , 2021, , .	1.7	2
40	Building a geoportal for enhancing collaborative socio-economic research in Wales using open-source technology. <i>Journal of Applied Research in Higher Education</i> , 2010, 2, 78-92.	1.9	1
41	Association between alcohol outlet density and alcohol-related mortality in Wales: an e-cohort study. <i>Lancet, The</i> , 2017, 390, S14.	13.7	1
42	Measuring Active Living Environments: An international comparison between Canada and Wales. <i>International Journal of Population Data Science</i> , 2018, 3, .	0.1	1
43	An international comparative study of active living environments and hospitalization for Wales and Canada. <i>SSM - Population Health</i> , 2022, 18, 101048.	2.7	1
44	OUP accepted manuscript. <i>Age and Ageing</i> , 2022, 51, .	1.6	1
45	SARS-CoV-2 infection risk among 77,587 healthcare workers: a national observational longitudinal cohort study in Wales, United Kingdom, April to November 2020. <i>Journal of the Royal Society of Medicine</i> , 0, , 014107682211071.	2.0	1
46	417â€¦Incidence and epidemiology of burns treated in the welsh centre for burns. <i>Injury Prevention</i> , 2016, 22, A152.3-A153.	2.4	0
47	302â€¦Alcohol outlet density and hospital admissions for alcohol-related injury: an electronic record-linked cohort study. <i>Injury Prevention</i> , 2016, 22, A110.2-A110.	2.4	0
48	68â€¦Implementation of the "School Travel Safety Survey"™ for Data Linkage Research. <i>Injury Prevention</i> , 2016, 22, A26.2-A27.	2.4	0
49	The Value of Routinely Collected Data in Evaluating Home Assessment and Modification Interventions to Prevent Falls in Older People: Systematic Literature Review. <i>JMIR Aging</i> , 2021, 4, e24728.	3.0	0
50	Geocoding routinely collected administrative data to measure access to alcohol outlets in Wales. <i>International Journal of Population Data Science</i> , 2017, 1, .	0.1	0
51	Linking child travel routes and routine health data. <i>International Journal of Population Data Science</i> , 2017, 1, .	0.1	0
52	Daily exposure to the retail food environment and the association with child BMI. <i>International Journal of Population Data Science</i> , 2018, 3, .	0.1	0
53	Detecting Care Homes: Using Residential Anonymous Linking Fields to Identify Care Homes in Administrative Data. <i>International Journal of Population Data Science</i> , 2018, 3, .	0.1	0
54	Using Residential Anonymous Linking Fields to Identify Vulnerable Populations in Administrative Data. <i>International Journal of Population Data Science</i> , 2018, 3, .	0.1	0

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55	A GIS Based Approach to Predicting Road Surface Temperatures. , 2007, , 16-29.		0