

# Gary Higgs

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,289  
citations

218677

26  
h-index

223800

46  
g-index

85  
all docs

85  
docs citations

85  
times ranked

2223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards an understanding of inequalities in accessing residential and nursing home provision: The role of geographical approaches. <i>Health and Social Care in the Community</i> , 2022, , .	1.6	4
2	Combining Temporal and Multi-Modal Approaches to Better Measure Accessibility to Banking Services. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 350.	2.9	2
3	Understanding Spatial Variations in Accessibility to Banks Using Variable Floating Catchment Area Techniques. <i>Applied Spatial Analysis and Policy</i> , 2021, 14, 449-472.	2.0	12
4	Using machine learning tools to investigate factors associated with trends in "no-shows" in outpatient appointments. <i>Health and Place</i> , 2021, 67, 102496.	3.3	10
5	Computing geographical access to services: The design of a client-server solution that incorporates multiple transport modes. <i>Transactions in GIS</i> , 2021, 25, 1849-1867.	2.3	5
6	Exploring the relationship between local volunteering opportunities and the propensity to volunteer using a nationally representative survey of adults in Wales. <i>Journal of Civil Society</i> , 2021, 17, 101-118.	0.5	0
7	Exploring spatiotemporal variations in public library provision following a prolonged period of economic austerity: A GIS approach. <i>Area</i> , 2020, 52, 342-353.	1.6	2
8	Investigating spatial variations in access to childcare provision using network-based Geographic Information System models. <i>Social Policy and Administration</i> , 2019, 53, 661-677.	3.0	18
9	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
10	Measuring Spatial Accessibility to Services within Indices of Multiple Deprivation: Implications of Applying an Enhanced two-Step Floating Catchment Area (E2SFCA) Approach. <i>Applied Spatial Analysis and Policy</i> , 2019, 12, 321-348.	2.0	15
11	An evaluation of alternative measures of accessibility for investigating potential "deprivation amplification" in service provision. <i>Applied Geography</i> , 2018, 95, 19-33.	3.7	18
12	The application of network-based GIS tools to investigate spatial variations in the provision of sporting facilities. <i>Annals of Leisure Research</i> , 2018, 21, 178-198.	1.7	12
13	Assessing the impacts of changing public service provision on geographical accessibility: An examination of public library provision in Pembrokeshire, South Wales. <i>Environment and Planning C: Politics and Space</i> , 2018, 36, 548-568.	1.9	4
14	An exploratory analysis of spatial variations in organ donation registration rates in Wales prior to the implementation of the Human Transplantation (Wales) Act 2013. <i>Health and Place</i> , 2018, 52, 18-24.	3.3	2
15	Investigating geospatial data usability from a health geography perspective using sensitivity analysis: The example of potential accessibility to primary healthcare. <i>Journal of Transport and Health</i> , 2017, 6, 128-142.	2.2	15
16	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
17	Using routine activity theory to inform a conceptual understanding of the geography of fire events. <i>Geoforum</i> , 2016, 75, 180-185.	2.5	3
18	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

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19	Accessibility to sport facilities in Wales: A GIS-based analysis of socio-economic variations in provision. <i>Geoforum</i> , 2015, 62, 105-120.	2.5	54
20	Examining the use of a geodemographic classification in an exploratory analysis of variations in fire incidence in South Wales, UK. <i>Fire Safety Journal</i> , 2013, 62, 37-48.	3.1	15
21	Investigating the validity of rural-urban distinctions in the impacts of changing service provision: The example of postal service reconfiguration in Wales. <i>Geoforum</i> , 2013, 47, 53-64.	2.5	21
22	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
23	Gauging levels of public acceptance of the use of visualisation tools in promoting public participation; a case study of wind farm planning in South Wales, UK. <i>Journal of Environmental Planning and Management</i> , 2012, 55, 229-251.	4.5	13
24	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
25	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
26	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
27	Fire incidence in metropolitan areas: A comparative study of Brisbane (Australia) and Cardiff (United Kingdom). <i>International Journal of Geographical Information Science</i> , 2011, 25, 1073-1094.	3.7	34
28	Web-based GIS Approaches to Enhance Public Participation in Wind Farm Planning. <i>Transactions in GIS</i> , 2011, 15, 147-172.	2.3	32
29	Investigating the association between weather conditions, calendar events and socio-economic patterns with trends in fire incidence: an Australian case study. <i>Journal of Geographical Systems</i> , 2011, 13, 193-226.	3.1	40
30	Accessibility and public service provision: evaluating the impacts of the Post Office Network Change Programme in the UK. <i>Transactions of the Institute of British Geographers</i> , 2010, 35, 585-601.	2.9	26
31	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
32	The influence of weather on local geographical patterns of police calls for service. <i>Environment and Planning B: Planning and Design</i> , 2009, 36, 906-926.	1.7	50
33	The role of GIS for health utilization studies: literature review. <i>Health Services and Outcomes Research Methodology</i> , 2009, 9, 84-99.	1.8	79
34	GIScience, environmental justice, & estimating populations at risk: The case of landfills in Wales. <i>Applied Geography</i> , 2009, 29, 63-76.	3.7	31
35	Urban population distribution models and service accessibility estimation. <i>Computers, Environment and Urban Systems</i> , 2008, 32, 66-80.	7.1	76
36	Primary care referrals to a British regional cancer genetics service. <i>Journal of Clinical Nursing</i> , 2008, 17, 3074-3076.	3.0	2

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37	Using IT approaches to promote public participation in renewable energy planning: Prospects and challenges. <i>Land Use Policy</i> , 2008, 25, 596-607.	5.6	79
38	Adapting to change: dental prescriptions. <i>British Journal of Health Care Management</i> , 2008, 14, 500-504.	0.2	4
39	Positional Accuracy and Geographic Bias of Four Methods of Geocoding in Epidemiologic Research. <i>Annals of Epidemiology</i> , 2007, 17, 464-470.	1.9	68
40	Visualising space and time in crime patterns: A comparison of methods. <i>Computers, Environment and Urban Systems</i> , 2007, 31, 52-75.	7.1	141
41	The use of spatial analytical techniques to explore patterns of fire incidence: A South Wales case study. <i>Computers, Environment and Urban Systems</i> , 2007, 31, 623-647.	7.1	62
42	The Use of Comaps to Explore the Spatial and Temporal Dynamics of Fire Incidents: A Case Study in South Wales, United Kingdom—. <i>Professional Geographer</i> , 2007, 59, 521-536.	1.8	39
43	The geography of genetics: an analysis of referral patterns to a cancer genetics service. <i>Genomic Medicine</i> , 2007, 1, 129-138.	0.3	3
44	Integrating multi-criteria techniques with geographical information systems in waste facility location to enhance public participation. <i>Waste Management and Research</i> , 2006, 24, 105-117.	3.9	105
45	Measuring Potential Access to Primary Healthcare Services: The Influence of Alternative Spatial Representations of Population. <i>Professional Geographer</i> , 2006, 58, 294-306.	1.8	151
46	Risk of Congenital Anomalies after the Opening of Landfill Sites. <i>Environmental Health Perspectives</i> , 2005, 113, 1362-1365.	6.0	36
47	Findings from a survey on GIS use in the UK National Health Service: organisational challenges and opportunities. <i>Health Policy</i> , 2005, 72, 105-117.	3.0	22
48	Evaluating the utility and accuracy of a reverse telephone directory to identify the location of survey respondents. <i>Annals of Epidemiology</i> , 2005, 15, 160-166.	1.9	8
49	Planning Support Systems in Practice. Edited by STANGEERTMAN and JOHNSTILLWELL (Berlin): Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Geographical Information Science</i> , 2004, 18, 204-205.	4.8	0
50	Analysing spatial trends in referral patterns to cancer genetics services: a preliminary investigation of regional variations in Wales. <i>Health Services Management Research</i> , 2004, 17, 263-271.	1.7	2
51	Use of the census of population to discern trends in the Welsh language: an aggregate analysis. <i>Area</i> , 2004, 36, 187-201.	1.6	12
52	A Literature Review of the Use of GIS-Based Measures of Access to Health Care Services. <i>Health Services and Outcomes Research Methodology</i> , 2004, 5, 119-139.	1.8	215
53	Morbidity, deprivation and drug prescribing: factors affecting variations in prescribing between doctors' practices. <i>Health and Place</i> , 2003, 9, 281-289.	3.3	11
54	(Re)surveying the uses of Geographical Information Systems in Health Authorities 1991-2001. <i>Area</i> , 2003, 35, 74-83.	1.6	9

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55	The census data system. <i>Area</i> , 2003, 35, 332-334.	1.6	0
56	The Use of Geographical Information Systems in Examining Variations in Sociodemographic Profiles of Dental Practice Catchments: A Case Study of a Swansea Practice. <i>Primary Dental Care</i> , 2002, os9, 63-69.	0.3	18
57	Is there a role for GIS in the "new NHS"? <i>Health and Place</i> , 2001, 7, 247-259.	3.3	51
58	Alternatives to census-based indicators of social disadvantage in rural communities. <i>Progress in Planning</i> , 2000, 53, 1-81.	4.3	57
59	Health-Care Commissioning, the Modern NHS, and Geographical Information Systems. <i>Environment and Planning A</i> , 2000, 32, 1905-1908.	3.6	4
60	The social context of Welsh-medium bilingual education in anglicised areas. <i>Journal of Sociolinguistics</i> , 1999, 3, 173-193.	1.2	8
61	Sharing environmental data across organisational boundaries: Lessons from the rural Wales terrestrial database project. <i>Annals of Regional Science</i> , 1999, 33, 233-249.	2.1	8
62	Investigating trends in rural health outcomes: a research agenda. <i>Geoforum</i> , 1999, 30, 203-221.	2.5	53
63	GIS in Planning Departments: Preliminary Results from a Survey of Local Planning Authorities in Wales. <i>Planning Practice and Research</i> , 1999, 14, 341-361.	1.7	11
64	The Distribution of Younger Welsh Speakers in Anglicised Areas of South East Wales. <i>Journal of Multilingual and Multicultural Development</i> , 1997, 18, 489-495.	1.7	7
65	The visualization of socio-economic GIS data using virtual reality tools. <i>Transactions in GIS</i> , 1996, 1, 255-266.	2.3	16
66	Research Paper. The predictive use of GIS to model property valuations. <i>International Journal of Geographical Information Science</i> , 1994, 8, 217-235.	4.8	26
67	The national GIS demonstrator of common lands for England and Wales. <i>Journal of Environmental Planning and Management</i> , 1994, 37, 33-51.	4.5	2
68	The use of GIS in the analysis of diverse urban databases. <i>Computers, Environment and Urban Systems</i> , 1994, 18, 55-66.	7.1	13
69	Review of the role of geographical information systems in housing: Potential areas for future research. <i>Housing Studies</i> , 1994, 9, 393-404.	2.4	0
70	Statutory designation and land-use changes "a case study from mid-Wales. <i>Journal of Rural Studies</i> , 1990, 6, 279-290.	4.7	7
71	Hydrological changes and river regulation in the UK. <i>River Research and Applications</i> , 1988, 2, 349-368.	0.8	28