

David Martin

List of Publications by Year in descending order

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90
papers

2,824
citations

212478

28
h-index

214428

50
g-index

94
all docs

94
docs citations

94
times ranked

2618
citing authors

#	ARTICLE	IF	CITATIONS
1	An Improved Index for Urban Population Distribution Mapping Based on Nighttime Lights (DMSP-OLS) Data: An Experiment in Riyadh Province, Saudi Arabia. <i>Remote Sensing</i> , 2021, 13, 1171.	1.8	19
2	Census Mapping. , 2020, , 113-118.		0
3	Developing a National Geodemographic Classification of Workplace Zones. <i>Applied Spatial Analysis and Policy</i> , 2020, 13, 959-983.	1.0	3
4	Advances in mapping population and demographic characteristics at small-area levels. <i>International Journal of Epidemiology</i> , 2020, 49, i15-i25.	0.9	5
5	How far is a long distance? An assessment of the issue of scale in the relationship between limiting long-term illness and long-distance migration in England and Wales. <i>Population, Space and Place</i> , 2018, 24, e2090.	1.2	7
6	Origin-destination geodemographics for analysis of travel to work flows. <i>Computers, Environment and Urban Systems</i> , 2018, 67, 68-79.	3.3	13
7	Spatio-temporal population modelling as improved exposure information for risk assessments tested in the Autonomous Province of Bolzano. <i>International Journal of Disaster Risk Reduction</i> , 2018, 27, 470-479.	1.8	13
8	Place and preference effects on the association between mental health and internal migration within Great Britain. <i>Health and Place</i> , 2018, 52, 180-187.	1.5	6
9	Assessing Twitter Geocoding Resolution. , 2018, , .		3
10	Administrative Data Quality: Investigating Record-Level Address Accuracy in the Northern Ireland Health Register. <i>Journal of Official Statistics</i> , 2018, 34, 55-81.	0.1	3
11	Crowd-annotation and LoD-based semantic indexing of content in multi-disciplinary web repositories to improve search results. , 2017, , .		2
12	Zone design for statistical disclosure control in administrative and linked microdata. <i>International Journal of Population Data Science</i> , 2017, 1, .	0.1	0
13	The impact of limiting long term illness on internal migration in England and Wales: New evidence from census microdata. <i>Social Science and Medicine</i> , 2016, 167, 107-115.	1.8	12
14	Exploiting Semantic Annotation of Content with Linked Open Data (LoD) to Improve Searching Performance in Web Repositories of Multi-disciplinary Research Data. <i>Communications in Computer and Information Science</i> , 2016, , 130-145.	0.4	2
15	Spatio-Temporal Population Modelling for Enhanced Assessment of Urban Exposure to Flood Risk. <i>Applied Spatial Analysis and Policy</i> , 2016, 9, 145-163.	1.0	25
16	People and places: Understanding geographical accuracy in administrative data from the census and healthcare systems. <i>Environment and Planning A</i> , 2016, 48, 594-610.	2.1	3
17	A Comparison of Small-Area Population Estimation Techniques Using Built-Area and Height Data, Riyadh, Saudi Arabia. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 1959-1969.	2.3	13
18	Assessing the Impact of Seasonal Population Fluctuation on Regional Flood Risk Management. <i>ISPRS International Journal of Geo-Information</i> , 2015, 4, 1118-1141.	1.4	9

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19	Developing a Flexible Framework for Spatiotemporal Population Modeling. <i>Annals of the American Association of Geographers</i> , 2015, 105, 754-772.	3.0	50
20	Can Response Latencies Be Used to Detect Survey Satisficing on Cognitively Demanding Questions?. <i>Journal of Survey Statistics and Methodology</i> , 2015, 3, 89-108.	0.5	14
21	Fine spatial resolution residential land-use data for small-area population mapping: a case study in Riyadh, Saudi Arabia. <i>International Journal of Remote Sensing</i> , 2015, 36, 4315-4331.	1.3	10
22	Development of a Geographical Framework for Census Workplace Data. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2013, 176, 585-602.	0.6	20
23	Estimating the spatial distribution of the population of Riyadh, Saudi Arabia using remotely sensed built land cover and height data. <i>Computers, Environment and Urban Systems</i> , 2013, 41, 167-176.	3.3	36
24	Getting the Foundations Right: Spatial Building Blocks for Official Population Statistics. <i>Environment and Planning A</i> , 2013, 45, 1403-1420.	2.1	6
25	Problems of spatial linkage of a geo-referenced Demographic and Health Survey (DHS) dataset to a population census: A case study of Egypt. <i>Computers, Environment and Urban Systems</i> , 2012, 36, 350-358.	3.3	5
26	Management of out-of-hours calls by a general practice cooperative: a geographical analysis of telephone access and consultation. <i>Family Practice</i> , 2011, 28, 677-682.	0.8	16
27	Directions in Population GIS. <i>Geography Compass</i> , 2011, 5, 655-665.	1.5	14
28	Maintaining Existing Zoning Systems Using Automated Zone-Design Techniques: Methods for Creating the 2011 Census Output Geographies for England and Wales. <i>Environment and Planning A</i> , 2011, 43, 2399-2418.	2.1	60
29	Evaluation of Gridded Population Models Using 2001 Northern Ireland Census Data. <i>Environment and Planning A</i> , 2011, 43, 1965-1980.	2.1	21
30	Understanding the Social Geography of Census Undercount. <i>Environment and Planning A</i> , 2010, 42, 2753-2770.	2.1	9
31	Do Telephones Overcome Geographical Barriers to General Practice Out-Of-Hours Services? Mixed-Methods Study of Parents with Young Children. <i>Journal of Health Services Research and Policy</i> , 2010, 15, 21-27.	0.8	11
32	Socio-demographic data sources for monitoring locality health profiles and geographical planning of primary health care in the UK. <i>Primary Health Care Research and Development</i> , 2010, 11, 287-300.	0.5	4
33	Challenges in the Reuse of Learning Materials: Technical Lessons from the Delivery of an Online GIS MSc Module. <i>Journal of Geography in Higher Education</i> , 2009, 33, S78-S87.	1.4	3
34	Disease prevalence in the English population: A comparison of primary care registers and prevalence models. <i>Social Science and Medicine</i> , 2009, 68, 266-274.	1.8	18
35	Geographically intelligent disclosure control for flexible aggregation of census data. <i>International Journal of Geographical Information Science</i> , 2009, 23, 457-482.	2.2	18
36	Exchanging E-Learning Materials, Modules, and Students. , 2009, , 20-37.		2

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37	Census and Population Analysis. , 2009, , 53-75.		1
38	Taking the Bus: Incorporating Public Transport Timetable Data into Health Care Accessibility Modelling. Environment and Planning A, 2008, 40, 2510-2525.	2.1	50
39	Does distance matter? Geographical variation in GP out-of-hours service use: an observational study. British Journal of General Practice, 2008, 58, 471-477.	0.7	62
40	Embedding e-learning in geographical practice. British Journal of Educational Technology, 2007, 38, 773-783.	3.9	19
41	Last of the censuses? The future of small area population data. Transactions of the Institute of British Geographers, 2006, 31, 6-18.	1.8	27
42	Overall quality of outcomes framework scores lower in practices in deprived areas. British Journal of General Practice, 2006, 56, 277-9.	0.7	28
43	Socioeconomic GeoComputation and E-Social Science. Transactions in GIS, 2005, 9, 1-3.	1.0	6
44	The case for small area microdata. Journal of the Royal Statistical Society Series A: Statistics in Society, 2005, 168, 29-49.	0.6	21
45	Zone design for environment and health studies using pre-aggregated data. Social Science and Medicine, 2005, 60, 2729-2742.	1.8	96
46	The Index of Multiple Deprivation 2000 and accessibility effects on health. Journal of Epidemiology and Community Health, 2004, 58, 250-257.	2.0	161
47	Neighbourhoods and area statistics in the post 2001 census era. Area, 2004, 36, 136-145.	1.0	9
48	Distance, rurality and the need for care: access to health services in South West England. International Journal of Health Geographics, 2004, 3, 21.	1.2	142
49	Socio-Economic Applications of Geographic Information Science. Edited by DAVIDKIDNER, GARYHIGGS, and SEANWHITE(London: Taylor & Francis, 2002). [Pp. xiii + 287]. ISBN 0-415-27910-0. Price Â£70.00. Hardback.. International Journal of Geographical Information Science, 2004, 18, 100-102.	2.2	0
50	Extending the automated zoning procedure to reconcile incompatible zoning systems. International Journal of Geographical Information Science, 2003, 17, 181-196.	2.2	72
51	Interrelations between three proxies of health care need at the small area level: an urban/rural comparison. Journal of Epidemiology and Community Health, 2002, 56, 754-761.	2.0	25
52	Increasing the sophistication of access measurement in a rural healthcare study. Health and Place, 2002, 8, 3-13.	1.5	111
53	Linking censuses through time: problems and solutions. Area, 2002, 34, 82-91.	1.0	68
54	Bringing the Missing Million Home: Correcting the 1991 Small Area Statistics for Undercount. Environment and Planning A, 2002, 34, 1021-1035.	2.1	18

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55	Urban Expansion Simulation of Southeast England Using Population Surface Modelling and Cellular Automata. <i>Environment and Planning A</i> , 2002, 34, 1855-1876.	2.1	58
56	A multilevel analysis of the effects of rurality and social deprivation on premature limiting long term illness. <i>Journal of Epidemiology and Community Health</i> , 2001, 55, 44-51.	2.0	84
57	The Application of Zone-Design Methodology in the 2001 UK Census. <i>Environment and Planning A</i> , 2001, 33, 1949-1962.	2.1	64
58	Investigating the Spatial Linkage of Primary School Performance and Catchment Characteristics. <i>Geographical and Environmental Modelling</i> , 2001, 5, 67-83.	0.7	4
59	Towards the Geographies of the 2001 UK Census of Population. <i>Transactions of the Institute of British Geographers</i> , 2000, 25, 321-332.	1.8	21
60	Refining Population Surface Models: Experiments with Northern Ireland Census Data. <i>Transactions in GIS</i> , 2000, 4, 343-360.	1.0	50
61	The (mis)Representation of Rural Deprivation. <i>Environment and Planning A</i> , 2000, 32, 735-751.	2.1	60
62	What Determines Geographical Variation in Rates of Acceptance onto Renal Replacement Therapy in England?. <i>Journal of Health Services Research and Policy</i> , 1999, 4, 139-146.	0.8	43
63	The Use of GIS in Census Planning. <i>Advances in Spatial Science</i> , 1999, , 283-298.	0.3	3
64	Putting the census on the web: lessons from two case studies. <i>Area</i> , 1998, 30, 311-320.	1.0	6
65	Quantitative health research in an emerging information economy. <i>Health and Place</i> , 1998, 4, 213-222.	1.5	4
66	Geographical aspects of the uptake of renal replacement therapy in England. <i>International Journal of Population Geography: IJPG</i> , 1998, 4, 227-242.	0.8	32
67	Automatic neighbourhood identification from population surfaces. <i>Computers, Environment and Urban Systems</i> , 1998, 22, 107-120.	3.3	33
68	Optimizing census geography: the separation of collection and output geographies. <i>International Journal of Geographical Information Science</i> , 1998, 12, 673-685.	2.2	85
69	Unmixing Aggregate Data: Estimating the Social Composition of Enumeration Districts. <i>Environment and Planning A</i> , 1998, 30, 1929-1941.	2.1	12
70	Population Georeferencing in England and Wales: Basic Spatial Units Reconsidered. <i>Environment and Planning A</i> , 1997, 29, 333-347.	2.1	17
71	The use of GIS with address-based information in planning. <i>Town Planning Review</i> , 1997, 68, 465.	0.9	1
72	Bringing geographical information systems into business. <i>Applied Geography</i> , 1996, 16, 359.	1.7	0

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73	An assessment of surface and zonal models of population. <i>International Journal of Geographical Information Science</i> , 1996, 10, 973-989.	2.2	119
74	The visualization of socio-economic GIS data using virtual reality tools. <i>Transactions in GIS</i> , 1996, 1, 255-266.	1.0	16
75	Deprivation payments to general practitioners: limitations of census data. <i>BMJ: British Medical Journal</i> , 1996, 313, 669-670.	2.4	17
76	Linkage of the 1981 and 1991 UK Censuses Using Surface Modelling Concepts. <i>Environment and Planning A</i> , 1995, 27, 379-390.	2.1	68
77	Research Paper. The predictive use of GIS to model property valuations. <i>International Journal of Geographical Information Science</i> , 1994, 8, 217-235.	2.2	26
78	On Measures of Deprivation and the Spatial Allocation of Resources for Primary Health Care. <i>Environment and Planning A</i> , 1994, 26, 1911-1929.	2.1	35
79	The use of GIS in the analysis of diverse urban databases. <i>Computers, Environment and Urban Systems</i> , 1994, 18, 55-66.	3.3	13
80	Public transport services under market arrangements, part II: A model of competition between groups of services. <i>Transportation Research Part B: Methodological</i> , 1993, 27, 389-399.	2.8	4
81	The integration of socioeconomic and physical resource data for applied land management information systems. <i>Applied Geography</i> , 1993, 13, 45-53.	1.7	19
82	The Geographical Implications of Changing Local Taxation Regimes. <i>Transactions of the Institute of British Geographers</i> , 1993, 18, 86.	1.8	8
83	Postcodes and the 1991 Census of Population: Issues, Problems and Prospects. <i>Transactions of the Institute of British Geographers</i> , 1992, 17, 350.	1.8	17
84	Market-Area Analysis and Accessibility to Primary Health-Care Centres. <i>Environment and Planning A</i> , 1992, 24, 1009-1019.	2.1	72
85	Techniques for Modelling Population-Related Raster Databases. <i>Environment and Planning A</i> , 1991, 23, 1069-1075.	2.1	62
86	Representing the socioeconomic world. <i>Papers in Regional Science</i> , 1991, 70, 317-327.	1.0	1
87	Location-Spatial Interaction Models: 1. Benefit-Maximizing Configurations of Services. <i>Environment and Planning A</i> , 1990, 22, 1079-1089.	2.1	13
88	Mapping Population Data from Zone Centroid Locations. <i>Transactions of the Institute of British Geographers</i> , 1989, 14, 90.	1.8	137
89	The Generation of Spatial Population Distributions from Census Centroid Data. <i>Environment and Planning A</i> , 1989, 21, 537-543.	2.1	174
90	An assessment of surface and zonal models of population. , 0, .		19