Christopher D Lloyd

List of Publications by Year
in descending order

50 papers	1,687 citations	331259 21 h-index	301761 39 g-index
60 all docs	60 docs citations	60 times ranked	1831 citing authors

#	Article	IF	Citations
1	Neighbourhood change, deprivation, and unemployment in Belfast. Geographical Journal, 2022, 188, 190-208.	1.6	3
2	Housing Space in England at the Neighbourhood-Level, 1971 to 2017. Applied Spatial Analysis and Policy, 2022, 15, 1433-1467.	1.0	3
3	Neighbourhood change and spatial inequalities in Cape Town. Geographical Journal, 2021, 187, 315-330.	1.6	3
4	Exploring the histories of health and deprivation in Britain, 1971â€“2011. Health and Place, 2020, 61, 102255.	1.5	3
5	Population Grids for Analysing Long-Term Change in Ethnic Diversity and Segregation. Spatial Demography, 2020, 8, 215-249.	0.4	6
6	A spatial analysis of health status in Britain, 1991â€“2011. Social Science and Medicine, 2019, 220, 340-352.	1.8	12
7	Assessing the accuracy of kernel smoothing population surface models for Northern Ireland using geographically weighted regression. Journal of Spatial Science, 2019, 64, 423-441.	1.0	0
8	Exploring the utility of grids for analysing long term population change. Computers, Environment and Urban Systems, 2017, 66, 1-12.	3.3	28
9	Creating Population Surfaces for the Analysis of Small Area Change. Applied Demography Series, 2017, , 431-448.	0.1	2
10	Guest Editorial: Modelling Urban Behaviour. Applied Spatial Analysis and Policy, 2016, 9, 141-143.	1.0	0
11	Are spatial inequalities growing? The scale of population concentrations in England and Wales. Environment and Planning A, 2016, 48, 1318-1336.	2.1	4
12	Spatial scale and small area population statistics for England and Wales. International Journal of Geographical Information Science, 2016, 30, 1187-1206.	2.2	11
13	Local cost surface models of distance decay for the analysis of gridded population data. Journal of the Royal Statistical Society Series A: Statistics in Society, 2015, 178, 125-146.	0.6	3
14	Assessing the spatial structure of population variables in England and Wales. Transactions of the Institute of British Geographers, 2015, 40, 28-43.	1.8	12
15	Surface models and the spatial structure of population variables: Exploring smoothing effects using Northern Ireland grid square data. Computers, Environment and Urban Systems, 2014, 48, 64-72.	3.3	6
16	Geostatistical Models and Spatial Interpolation. , 2014, , 1461-1476.		5
17	Assessing modern ground survey methods and airborne laser scanning for digital terrain modelling: A case study from the Lake District, England. Computers and Geosciences, 2013, 51, 216-227.	2.0	30
18	Analysing the spatial scale of population concentrations by religion in Northern Ireland using global and local variograms. International Journal of Geographical Information Science, 2012, 26, 57-73.	2.2	21

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19	Residential Segregation in Northern Ireland in 2001: Assessing the Value of Exploring Spatial Variations. Environment and Planning A, 2012, 44, 52-67.	2.1	17
20	Exploring change in urban areas using GIS: data sources, linkages and problems. Annals of GIS, 2012, 18, 71-80.	1.4	7
21	A spatial random-effects model for interzone flows: commuting in Northern Ireland. Journal of Applied Statistics, 2012, 39, 199-213.	0.6	2
22	Compositional Data Analysis in Population Studies. Annals of the American Association of Geographers, 2012, 102, 1251-1266.	3.0	35
23	Assessing spatial variability in soil characteristics with geographically weighted principal components analysis. Computational Geosciences, 2012, 16, 827-835.	1.2	34
24	Evaluating geo-environmental variables using a clustering based areal model. Computers and Geosciences, 2012, 43, 34-41.	2.0	7
25	How Porosity and Permeability Vary Spatially With Grain Size, Sorting, Cement Volume, and Mineral Dissolution In Fluvial Triassic Sandstones: The Value of Geostatistics and Local Regression. Journal of Sedimentary Research, 2011, 81, 844-858.	0.8	71
26	Evaluation of Gridded Population Models Using 2001 Northern Ireland Census Data. Environment and Planning A, 2011, 43, 1965-1980.	2.1	21
27	Nonstationary models for exploring and mapping monthly precipitation in the United Kingdom. International Journal of Climatology, 2010, 30, 390-405.	1.5	27
28	Analysing population characteristics using geographically weighted principal components analysis: A case study of Northern Ireland in 2001. Computers, Environment and Urban Systems, 2010, 34, 389-399.	3.3	62
29	Exploring population spatial concentrations in Northern Ireland by community background and other characteristics: an application of geographically weighted spatial statistics. International Journal of Geographical Information Science, 2010, 24, 1193-1221.	2.2	47
30	Mapping the Realm: A New Look at the Gough Map of Britain (c.1360). Imago Mundi, 2009, 61, 1-28.	0.1	29
31	Cartographic Veracity in Medieval Mapping: Analyzing Geographical Variation in the Gough Map of Great Britain. Annals of the American Association of Geographers, 2009, 99, 27-48.	3.0	26
32	Are Northern Ireland's Communities Dividing? Evidence from Geographically Consistent Census of Population Data, 1971â€“2001. Environment and Planning A, 2009, 41, 213-229.	2.1	45
33	Designs and designers of medieval â€˜new townsâ€™ in Wales. Antiquity, 2007, 81, 279-293.	0.5	13
34	Introduction to this special issue on spatial analysis. Computers and Geosciences, 2007, 33, 1211.	2.0	0
35	Non-stationary variogram models for geostatistical sampling optimisation: An empirical investigation using elevation data. Computers and Geosciences, 2007, 33, 1285-1300.	2.0	49
36	Thâ•K and Thâ•U Ratios from Spectral Gamma-Ray Surveys Improve the Mapped Definition of Subsurface Structures. Journal of Environmental and Engineering Geophysics, 2006, 11, 53-61.	1.0	12

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37	Increasing the Accuracy of Predictions of Monthly Precipitation in Great Britain Using Kriging with an External Drift. , 2006, , 243-267.		1
38	Geostatistical analysis in weathering studies: case study for Stanton Moor building sandstone. Earth Surface Processes and Landforms, 2006, 31, 950-969.	1.2	20
39	Deriving ground surface digital elevation models from LiDAR data with geostatistics. International Journal of Geographical Information Science, 2006, 20, 535-563.	2.2	44
40	Analysing Commuting Using Local Regression Techniques: Scale, Sensitivity, and Geographical Patterning. Environment and Planning A, 2005, 37, 81-103.	2.1	53
41	Analysing average travelâ€toâ€work distances in Northern Ireland using the 1991 census of population: The effects of locality, social composition, and religion. Regional Studies, 2005, 39, 909-921.	2.5	13
42	Assessing the effect of integrating elevation data into the estimation of monthly precipitation in Great Britain. Journal of Hydrology, 2005, 308, 128-150.	2.3	323
43	Use of Variography in Permeability Characterization of Visually Homogeneous Sandstone Reservoirs with Examples from Outcrop Studies. Mathematical Geosciences, 2004, 36, 761-779.	0.9	40
44	A comparison of texture measures for the per-field classification of Mediterranean land cover. International Journal of Remote Sensing, 2004, 25, 3943-3965.	1.3	70
45	Archaeology and geostatistics. Journal of Archaeological Science, 2004, 31, 151-165.	1.2	38
46	Increased accuracy of geostatistical prediction of nitrogen dioxide in the United Kingdom with secondary data. International Journal of Applied Earth Observation and Geoinformation, 2004, 5, 293-305.	1.4	14
47	Identifying short-range and long-range structural components of a compacted soil: an integrated geostatistical and spectral approach. Computers and Geosciences, 2003, 29, 1277-1290.	2.0	2
48	Nonâ€stationary Approaches for Mapping Terrain and Assessing Prediction Uncertainty. Transactions in GIS, 2002, 6, 17-30.	1.0	27
49	Assessing uncertainty in estimates with ordinary and indicator kriging. Computers and Geosciences, 2001, 27, 929-937.	2.0	80
50	The integration of spectral and textural information using neural networks for land cover mapping in the Mediterranean. Computers and Geosciences, 2000, 26, 385-396.	2.0	175