Levi John Wolf

List of Publications by Year
in descending order

28 papers	949 citations	840776 11 h-index	552781 26 g-index
46 all docs	46 docs citations	46 times ranked	559 citing authors

#	Article	IF	Citations
1	mgwr: A Python Implementation of Multiscale Geographically Weighted Regression for Investigating Process Spatial Heterogeneity and Scale. ISPRS International Journal of Geo-Information, 2019, 8, 269.	2.9	371
2	Inference in Multiscale Geographically Weighted Regression. Geographical Analysis, 2020, 52, 87-106.	3.5	198
3	Single and Multiscale Models of Process Spatial Heterogeneity. Geographical Analysis, 2018, 50, 223-246.	3.5	62
4	Measuring Bandwidth Uncertainty in Multiscale Geographically Weighted Regression Using Akaike Weights. Annals of the American Association of Geographers, 2020, 110, 1500-1520.	2.2	32
5	On the measurement of bias in geographically weighted regression models. Spatial Statistics, 2020, 38, 100453.	1.9	27
6	A comment on geographically weighted regression with parameter-specific distance metrics. International Journal of Geographical Information Science, 2019, 33, 1289-1299.	4.8	23
7	ThePySALEcosystem: Philosophy and Implementation. Geographical Analysis, 2022, 54, 467-487.	3.5	21
8	The properties of tests for spatial effects in discrete Markov chain models of regional income distribution dynamics. Journal of Geographical Systems, 2016, 18, 377-398.	3.1	17
9	Inferring neighbourhood quality with property transaction records by using a locally adaptive spatial multi-level model. Computers, Environment and Urban Systems, 2019, 73, 118-125.	7.1	17
10	Scale, Context, and Heterogeneity: A Spatial Analytical Perspective on the 2016 U.S. Presidential Election. Annals of the American Association of Geographers, 0, , 1-20.	2.2	16
11	Quantitative geography III: Future challenges and challenging futures. Progress in Human Geography, 2021, 45, 596-608.	5.6	16
12	Quantitative methods I: The world we have lost – or where we started from. Progress in Human Geography, 2019, 43, 1133-1142.	5.6	15
13	A roundtable discussion: Defining urban data science. Environment and Planning B: Urban Analytics and City Science, 2019, 46, 1756-1768.	2.0	14
14	A Spatiotemporal Compactness Pattern Analysis of Congressional Districts to Assess Partisan Gerrymandering: A Case Study with California and North Carolina. Annals of the American Association of Geographers, 2015, 105, 736-753.	3.0	13
15	Stochastic Efficiency of Bayesian Markov Chain Monte Carlo in Spatial Econometric Models: An Empirical Comparison of Exact Sampling Methods. Geographical Analysis, 2018, 50, 97-119.	3.5	11
16	An open-source framework for non-spatial and spatial segregation measures: the PySAL segregation module. Journal of Computational Social Science, 2020, 3, 135-166.	2.4	10
17	Sensitivity of sequence methods in the study of neighborhood change in the United States. Computers, Environment and Urban Systems, 2020, 81, 101480.	7.1	9
18	On the notion of 'bandwidth' in geographically weighted regression models of spatially varying processes. International Journal of Geographical Information Science, 2022, 36, 1485-1502.	4.8	9

#	Article	IF	Citations
19	Spatially–encouraged spectral clustering: a technique for blending map typologies and regionalization. International Journal of Geographical Information Science, 2021, 35, 2356-2373.	4.8	8
20	Geosilhouettes: Geographical measures of cluster fit. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 521-539.	2.0	5
21	On Spatial and Platial Dependence: Examining Shrinkage in Spatially Dependent Multilevel Models. Annals of the American Association of Geographers, 0, , 1-13.	2.2	5
22	A scoping review on the multiplicity of scale in spatial analysis. Journal of Geographical Systems, 2022, 24, 293-324.	3.1	5
23	spopt: a python package for solving spatial optimization problems in PySAL. Journal of Open Source Software, 2022, 7, 3330.	4.6	5
24	Spatial Filtering for Identifying a Shortest Path Around Obstacles. Geographical Analysis, 2016, 48, 176-190.	3.5	4
25	Regional inequality dynamics, stochastic dominance, and spatial dependence. Papers in Regional Science, 2019, 98, 861-882.	1.9	4
26	Quantitative methods II: How we moved on – Decades of change in philosophy, focus and methods. Progress in Human Geography, 2020, 44, 959-971.	5.6	4
27	splot - visual analytics for spatial statistics. Journal of Open Source Software, 2020, 5, 1882.	4.6	2
28	On the lumpability of regional income convergence. Letters in Spatial and Resource Sciences, 2016, 9, 265-275.	2.5	1