

# Kevin M Curtin

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41  
papers

622  
citations

14  
h-index

24  
g-index

47  
ext. papers

698  
ext. citations

3  
avg, IF

4.07  
L-index

#	Paper	IF	Citations
41	Determining Optimal Police Patrol Areas with Maximal Covering and Backup Covering Location Models. <i>Networks and Spatial Economics</i> , <b>2010</b> , 10, 125-145	1.9	123
40	A new method for determining the population with walking access to transit. <i>International Journal of Geographical Information Science</i> , <b>2010</b> , 24, 347-364	4.1	56
39	Network Analysis in Geographic Information Science: Review, Assessment, and Projections. <i>Cartography and Geographic Information Science</i> , <b>2007</b> , 34, 103-111	2.1	56
38	Evaluating the spatiotemporal clustering of traffic incidents. <i>Computers, Environment and Urban Systems</i> , <b>2013</b> , 37, 70-81	5.9	41
37	Drugs, Violence, and Development in Colombia: A Department-Level Analysis. <i>Latin American Politics and Society</i> , <b>2006</b> , 48, 157-184	1	39
36	A New Model for a Carpool Matching Service. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129257	3.7	29
35	The Transit Route Arc-Node Service Maximization problem. <i>European Journal of Operational Research</i> , <b>2011</b> , 208, 46-56	5.6	28
34	A Family of Location Models for Multiple-Type Discrete Dispersion. <i>Geographical Analysis</i> , <b>2006</b> , 38, 248-270		28
33	Crowdsourcing techniques for augmenting traditional accessibility maps with transitory obstacle information. <i>Cartography and Geographic Information Science</i> , <b>2013</b> , 40, 210-219	2.1	24
32	Maternal-child overweight/obesity and undernutrition in Kenya: a geographic analysis. <i>Public Health Nutrition</i> , <b>2012</b> , 15, 2140-7	3.3	20
31	The Simulation of the Journey to Residential Burglary <b>2008</b> , 281-299		20
30	Drugs, Violence, and Development in Colombia: A Department-Level Analysis. <i>Latin American Politics and Society</i> , <b>2006</b> , 48, 157-184	1	18
29	Exploratory space-time analysis of dengue incidence in Trinidad: a retrospective study using travel hubs as dispersal points, 1998-2004. <i>Parasites and Vectors</i> , <b>2014</b> , 7, 341	4	17
28	A Subnational Study of Insurgency: FARC Violence in the 1990s. <i>Studies in Conflict and Terrorism</i> , <b>2007</b> , 30, 249-265	0.9	14
27	Health-care availability, preference, and distance for women in urban Bo, Sierra Leone. <i>International Journal of Public Health</i> , <b>2016</b> , 61, 1079-1088	4	14
26	Optimal dispersion and central places. <i>Journal of Geographical Systems</i> , <b>2007</b> , 9, 167-187	1.8	12
25	Integrating GIS and Maximal Covering Models to Determine Optimal Police Patrol Areas <b>2005</b> , 214-235		12

24	A Comparative Analysis of Traveling Salesman Solutions from Geographic Information Systems. <i>Transactions in GIS</i> , <b>2014</b> , 18, 286-301	2.1	11
23	A carpool matching model with both social and route networks. <i>Computers, Environment and Urban Systems</i> , <b>2019</b> , 75, 90-102	5.9	11
22	Geocrowdsourcing and accessibility for dynamic environments. <i>Geo Journal</i> , <b>2016</b> , 81, 699-716	2.2	9
21	Solar powered light emitting diode distribution in developing countries: An assessment of potential distribution sites in rural Cambodia using network analyses. <i>Socio-Economic Planning Sciences</i> , <b>2011</b> , 45, 48-57	3.7	8
20	Fuzzy Analysis for Modeling Regional Delineation and Development: The Case of the Sardinian Mining Geopark. <i>Transactions in GIS</i> , <b>2012</b> , 16, 55-79	2.1	6
19	Decision support for the selection of optimal tower site locations for early-warning wildfire detection systems in South Africa. <i>International Transactions in Operational Research</i> , <b>2021</b> , 28, 2299-2333 <sup>2,9</sup>	3.9	5
18	Pedestrian network repair with spatial optimization models and geocrowdsourced data. <i>Geo Journal</i> , <b>2018</b> , 83, 347-364	2.2	3
17	Quantifying Urban Diversity: Multiple Spatial Measures of Physical, Social, and Economic Characteristics <b>2015</b> , 149-181		3
16	COVID-19 and Morbid Obesity: Associations and Consequences for Policy and Practice. <i>World Medical and Health Policy</i> , <b>2020</b> , 12, 512	4.2	3
15	The Spread of Obesity in Developing and Transitional Countries: A Focus on the Mekong Region, Southeast Asia. <i>World Medical and Health Policy</i> , <b>2012</b> , 4, 1-15	4.2	2
14	Shifting landscape suitability for cocaine trafficking through Central America in response to counterdrug interdiction. <i>Landscape and Urban Planning</i> , <b>2022</b> , 221, 104359	7.7	2
13	Network Analysis <b>2017</b> , 1-8		1
12	Methodological Prospects with the Use of Geographic Information Systems and Spatial Statistics for the Evaluation of Alcohol Policy. <i>World Medical and Health Policy</i> , <b>2014</b> , 6, 242-261	4.2	1
11	The Influence of the Perceptions of Environmental Factors on Self-Reported Health Status Among Thais. <i>World Medical and Health Policy</i> , <b>2012</b> , 4, 35-46	4.2	1
10	Multilayer Scene Similarity Assessment <b>2009</b> ,		1
9	Network Modeling <b>2009</b> , 113-121		1
8	Quality Assessment and Accessibility Mapping in an Image-Based Geocrowdsourcing Testbed. <i>Cartographica</i> , <b>2018</b> , 53, 1-14	0.7	1
7	Geographic disparities in access to Medication for Opioid Use Disorder across US census tracts based on treatment utilization behavior.. <i>Social Science and Medicine</i> , <b>2022</b> , 302, 114992	5.1	1

6	Routing <b>2013</b> , 39-46		o
5	Analysis and Exploitation of Landforms for Improved Optimisation of Camera-Based Wildfire Detection Systems. <i>Fire Technology</i> , <b>2021</b> , 57, 2269-2303	3	o
4	Network Analysis <b>2018</b> , 153-161		
3	Routing <b>2009</b> , 246-253		
2	Nutrition and spatial characteristics among women living in Kurdistan, Iraq. <i>FASEB Journal</i> , <b>2012</b> , 26, 827.7		0.9
1	Spatial characteristics of BMI among women in Kurdistan, Iraq. <i>FASEB Journal</i> , <b>2013</b> , 27, 1055.12		0.9