

Helen Couclelis

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.

32
papers

1,692
citations

16
h-index

32
g-index

32
ext. papers

1,883
ext. citations

2
avg. IF

5.27
L-index

#	Paper	IF	Citations
32	The role of spatial metrics in the analysis and modeling of urban land use change. <i>Computers, Environment and Urban Systems</i> , 2005 , 29, 369-399	5.9	381
31	Extracting urban functional regions from points of interest and human activities on location-based social networks. <i>Transactions in GIS</i> , 2017 , 21, 446-467	2.1	184
30	People manipulate objects (but cultivate fields): Beyond the raster-vector debate in GIS. <i>Lecture Notes in Computer Science</i> , 1992 , 65-77	0.9	152
29	Where has the Future Gone? Rethinking the Role of Integrated Land-Use Models in Spatial Planning. <i>Environment and Planning A</i> , 2005 , 37, 1353-1371	2.7	142
28	Map dynamics: integrating cellular automata and GIS through Geo-Algebra. <i>International Journal of Geographical Information Science</i> , 1997 , 11, 73-91	4.1	129
27	The Certainty of Uncertainty: GIS and the Limits of Geographic Knowledge. <i>Transactions in GIS</i> , 2003 , 7, 165-175	2.1	117
26	Pizza over the Internet: e-commerce, the fragmentation of activity and the tyranny of the region. <i>Entrepreneurship and Regional Development</i> , 2004 , 16, 41-54	4.3	101
25	Ontologies of geographic information. <i>International Journal of Geographical Information Science</i> , 2010 , 24, 1785-1809	4.1	83
24	Rethinking Time Geography in the Information Age. <i>Environment and Planning A</i> , 2009 , 41, 1556-1575	2.7	79
23	Geographies of the information society. <i>International Journal of Geographical Information Science</i> , 1999 , 13, 797-823	4.1	57
22	Requirements for planning-relevant GIS: A spatial perspective. <i>Papers in Regional Science</i> , 1991 , 70, 9-19	1.8	55
21	From Sustainable Transportation to Sustainable Accessibility: Can We Avoid a New Tragedy of the Commons?. <i>Advances in Spatial Science</i> , 2000 , 341-356	0.4	45
20	Analytic Research, Positivism, and Behavioral Geography. <i>Annals of the American Association of Geographers</i> , 1983 , 73, 331-339		29
19	ARTIFICIAL INTELLIGENCE IN GEOGRAPHY: CONJECTURES ON THE SHAPE OF THINGS TO COME. <i>Professional Geographer</i> , 1986 , 38, 1-11	1.7	26
18	The SAGE Handbook of GIS and Society 2011 ,		20
17	A Theoretical Framework for Alternative Models of Spatial Decision and Behavior. <i>Annals of the American Association of Geographers</i> , 1986 , 76, 95-113		19
16	The Abduction of Geographic Information Science: Transporting Spatial Reasoning to the Realm of Purpose and Design. <i>Lecture Notes in Computer Science</i> , 2009 , 342-356	0.9	11

15	What maps mean to people: Denotation, connotation, and geographic visualization in land-use debates. <i>Lecture Notes in Computer Science</i> , 1997 , 151-162	0.9	11
14	Prioritizing Disaster Mapping Tasks for Online Volunteers Based on Information Value Theory. <i>Geographical Analysis</i> , 2017 , 49, 175-198	2.9	10
13	Some Second Thoughts about Theory in the Social Sciences. <i>Geographical Analysis</i> , 2010 , 15, 28-33	2.9	8
12	Ontology, Epistemology, Teleology: Triangulating Geographic Information Science. <i>Lecture Notes in Geoinformation and Cartography</i> , 2009 , 3-15	0.3	8
11	The Third Domain: The Spread and Use of gis within Social Science. <i>Cartographica</i> , 2004 , 39, 17-24	0.7	7
10	Unpacking the Map in GIS: Information, Ontology, and the Geographic World. <i>Springer Geography</i> , 2019 , 3-24	0.4	5
9	Climbing on a milestone for a better view: Goodchild's Geographical Information Science paper as vantage point and ground for reflection. <i>International Journal of Geographical Information Science</i> , 2012 , 26, 2291-2300	4.1	5
8	Misses, near-misses and surprises in forecasting the informational city. <i>Geospatial Technology and the Role of Location in Science</i> , 2007 , 71-83	0.5	5
7	REQUIREMENTS FOR PLANNING-RELEVANT GIS: A SPATIAL PERSPECTIVE. <i>Papers in Regional Science</i> , 2005 , 70, 9-19	1.8	1
6	Polyplexity. <i>Advances in Spatial Science</i> , 2009 , 75-88	0.4	1
5	Conceptualizing the City of the Information Age. <i>Urban Book Series</i> , 2021 , 133-145	0.3	1
4	Ontology: Theoretical Perspectives 2017 , 1-11		
3	Risky business: climate control legislation, regional development uncertainties and California's SB 375 law. <i>International Journal of Foresight and Innovation Policy</i> , 2011 , 7, 158	0.7	
2	Cities and Complexity: Understanding Cities with Cellular Automata, Agent-Based Models, and Fractals [Michael Batty. <i>Papers in Regional Science</i> , 2006 , 85, 471-473	1.8	
1	URBAN LIVEABILITY: A COMMENTARY. <i>Urban Geography</i> , 1990 , 11, 42-47	2.4	