

Jacek Malczewski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/706873/publications.pdf>

Version: 2024-02-01

35
papers

5,466
citations

393982

19
h-index

454577

30
g-index

36
all docs

36
docs citations

36
times ranked

4072
citing authors

#	ARTICLE	IF	CITATIONS
1	GIS-based multicriteria decision analysis: a survey of the literature. <i>International Journal of Geographical Information Science</i> , 2006, 20, 703-726.	2.2	1,485
2	GIS-based land-use suitability analysis: a critical overview. <i>Progress in Planning</i> , 2004, 62, 3-65.	2.3	1,090
3	Multicriteria Decision Analysis in Geographic Information Science. <i>Advances in Geographic Information Science</i> , 2015, , .	0.3	429
4	On the Use of Weighted Linear Combination Method in GIS: Common and Best Practice Approaches. <i>Transactions in GIS</i> , 2000, 4, 5-22.	1.0	425
5	Ordered weighted averaging with fuzzy quantifiers: GIS-based multicriteria evaluation for land-use suitability analysis. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2006, 8, 270-277.	1.4	351
6	Implementing an extension of the analytical hierarchy process using ordered weighted averaging operators with fuzzy quantifiers in ArcGIS. <i>Computers and Geosciences</i> , 2008, 34, 399-410.	2.0	294
7	A GIS-based approach to multiple criteria group decision-making. <i>International Journal of Geographical Information Science</i> , 1996, 10, 955-971.	2.2	147
8	GIS-based Multicriteria Evaluation with Ordered Weighted Averaging (OWA): Case Study of Developing Watershed Management Strategies. <i>Environment and Planning A</i> , 2003, 35, 1769-1784.	2.1	142
9	Exploring multicriteria decision strategies in GIS with linguistic quantifiers: A case study of residential quality evaluation. <i>Journal of Geographical Systems</i> , 2005, 7, 249-268.	1.9	120
10	Using the fuzzy majority approach for GIS-based multicriteria group decision-making. <i>Computers and Geosciences</i> , 2010, 36, 302-312.	2.0	116
11	A GIS-based approach to multiple criteria group decision-making. , 0, .		112
12	Web-enabled spatial decision analysis using Ordered Weighted Averaging (OWA). <i>Journal of Geographical Systems</i> , 2002, 4, 385-403.	1.9	111
13	Measuring consensus for collaborative decision-making: A GIS-based approach. <i>Computers, Environment and Urban Systems</i> , 2010, 34, 322-332.	3.3	91
14	Residential Burglaries and Neighborhood Socioeconomic Context in London, Ontario: Global and Local Regression Analysis*. <i>Professional Geographer</i> , 2005, 57, 516-529.	1.0	85
15	Local Weighted Linear Combination. <i>Transactions in GIS</i> , 2011, 15, 439-455.	1.0	78
16	A group multicriteria spatial decision support system for parking site selection problem: A case study. <i>Land Use Policy</i> , 2015, 42, 492-508.	2.5	76
17	Integrating multicriteria analysis and geographic information systems: the ordered weighted averaging (OWA) approach. <i>International Journal of Environmental Technology and Management</i> , 2006, 6, 7.	0.1	69
18	Emerging trends and research frontiers in spatial multicriteria analysis. <i>International Journal of Geographical Information Science</i> , 2020, 34, 1257-1282.	2.2	47

#	ARTICLE	IF	CITATIONS
19	Local ordered weighted averaging in GIS-based multicriteria analysis. <i>Annals of GIS</i> , 2014, 20, 117-129.	1.4	46
20	Multiple Criteria Decision Analysis and Geographic Information Systems. <i>Profiles in Operations Research</i> , 2010, , 369-395.	0.3	37
21	Spatial Aggregation and Compactness of Census Areas with a Multiobjective Genetic Algorithm: A Case Study in Canada. <i>Environment and Planning B: Planning and Design</i> , 2012, 39, 376-392.	1.7	18
22	Introduction to GIS-MCDA. <i>Advances in Geographic Information Science</i> , 2015, , 23-54.	0.3	18
23	Exploring spatial autocorrelation of life expectancy in Poland with global and local statistics. <i>Geo Journal</i> , 2010, 75, 79-92.	1.7	12
24	An ontology-based multicriteria spatial decision support system: a case study of house selection. <i>Geo-Spatial Information Science</i> , 2012, 15, 177-185.	2.4	12
25	Visualization of Multicriteria Location Analysis Using Raster GIS: A Case Study. <i>Cartography and Geographic Information Science</i> , 1997, 24, 80-90.	1.1	10
26	Development of GIS-MCDA. <i>Advances in Geographic Information Science</i> , 2015, , 55-77.	0.3	10
27	GIScience, Spatial Analysis, and Decision Support. <i>Advances in Geographic Information Science</i> , 2015, , 3-21.	0.3	9
28	Multiattribute Decision Analysis Methods. <i>Advances in Geographic Information Science</i> , 2015, , 81-121.	0.3	9
29	Multicriteria Analysis. , 2018, , 197-217.		7
30	Dealing with Uncertainties. <i>Advances in Geographic Information Science</i> , 2015, , 191-221.	0.3	5
31	Scale Issues and GIS-MCDA. <i>Advances in Geographic Information Science</i> , 2015, , 249-266.	0.3	2
32	Housing quality evaluation using Analytic Network Process: a case study in the Ashanti Region, Ghana. <i>African Geographical Review</i> , 0, , 1-20.	0.6	2
33	Geographic Visualization and MCDA. <i>Advances in Geographic Information Science</i> , 2015, , 293-309.	0.3	1
34	Multiobjective Optimization Methods. <i>Advances in Geographic Information Science</i> , 2015, , 123-143.	0.3	0
35	Web-Based and Mobile GIS-MCDA. <i>Advances in Geographic Information Science</i> , 2015, , 311-324.	0.3	0