

# Andrew Frank

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

852  
citations

933447

10  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Qualitative spatial reasoning about distances and directions in geographic space. <i>Journal of Visual Languages and Computing</i> , 1992, 3, 343-371.	1.8	329
2	Tiers of ontology and consistency constraints in geographical information systems. <i>International Journal of Geographical Information Science</i> , 2001, 15, 667-678.	4.8	145
3	Concepts and paradigms in spatial information: are current geographical information systems truly generic?. <i>International Journal of Geographical Information Science</i> , 1995, 9, 101-116.	4.8	94
4	Multiple representations for cartographic objects in a multi-scale tree—An intelligent graphical zoom. <i>Computers and Graphics</i> , 1994, 18, 823-829.	2.5	75
5	Spatial concepts, geometric data models, and geometric data structures. <i>Computers and Geosciences</i> , 1992, 18, 409-417.	4.2	63
6	Topology in Raster and Vector Representation. <i>Geoinformatica</i> , 2000, 4, 35-65.	2.7	38
7	Analysis of dependence of decision quality on data quality. <i>Journal of Geographical Systems</i> , 2008, 10, 71-88.	3.1	28
8	Processes in a cadastre. <i>Computers, Environment and Urban Systems</i> , 2004, 28, 471-486.	7.1	25
9	Expert Systems and Geographic Information Systems: Review and Prospects. <i>Journal of Surveying Engineering</i> , - ASCE, 1986, 112, 119-130.	1.7	13
10	Formalization of conceptual models for GIS using Gofer. <i>Computers, Environment and Urban Systems</i> , 1995, 19, 89-98.	7.1	11
11	Expert systems applied to problems in geographic information systems: Introduction, review and prospects. <i>Computers, Environment and Urban Systems</i> , 1986, 11, 161-173.	7.1	10
12	Computer cartography for GIS: An object-oriented view on the display transformation. <i>Computers and Geosciences</i> , 1992, 18, 975-987.	4.2	10
13	Spatial rules that generate urban patterns: Emergence of the power law in the distribution of axial line length. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2010, 12, 317-330.	2.8	6