AndrÃ© Skupin

List of Publications by Year
in descending order

31 papers	971 citations	623188 14 h-index	580395 25 g-index
49 all docs	49 docs citations	49 times ranked	1113 citing authors

#	Article	IF	Citations
1	Toward flexible visual analytics augmented through smooth display transitions. Visual Informatics, 2021, 5, 28-38.	2.5	14
2	Machine learning for holistic visualization of STEMI registry data. Journal of Biomedical Informatics, 2021, 121, 103869.	2.5	2
3	Big Data and Emergency Management: Concepts, Methodologies, and Applications. IEEE Transactions on Big Data, 2020, , 1-1.	4.4	18
4	Regional regression models of percentile flows for the contiguous United States: Expert versus data-driven independent variable selection. Journal of Hydrology: Regional Studies, 2018, 17, 64-82.	1.0	6
5	Guest editorsâ€™ introduction to the special issue on knowledge maps and information retrieval (KMIR). International Journal on Digital Libraries, 2017, 18, 1-3.	1.1	7
6	SOMViz: Web-based Self-Organizing Maps. KN - Journal of Cartography and Geographic Information, 2015, 65, 81-91.	1.6	0
7	Making a Mark: a computational and visual analysis of one researcherâ€™s intellectual domain. International Journal of Geographical Information Science, 2014, 28, 1209-1232.	2.2	11
8	A visual exploration of mobile phone users, land cover, time, and space. Pervasive and Mobile Computing, 2013, 9, 865-880.	2.1	3
9	Toward an Immersive 3<scp>D</scp> Virtual <scp>BoK</scp> Exploratorium: <scp>A</scp> Proof of Concept. Transactions in GIS, 2013, 17, 335-352.	1.0	4
10	Visualizing gridded time series data with self organizing maps: An application to multi-year snow dynamics in the Northern Hemisphere. Computers, Environment and Urban Systems, 2013, 39, 107-120.	3.3	10
11	Towards Qualitative Geovisual Analytics: A Case Study Involving Places, People, and Mediated Experience. Cartographica, 2013, 48, 157-176.	0.2	12
12	Re-engineering the GIS&T Body of Knowledge. International Journal of Geographical Information Science, 2013, 27, 2227-2245.	2.2	20
13	Visualizing the Topical Structure of the Medical Sciences: A Self-Organizing Map Approach. PLoS ONE, 2013, 8, e58779.	1.1	49
14	Effects of Irregular Topology in Spherical Self-Organizing Maps. International Regional Science Review, 2011, 34, 215-229.	1.0	19
15	Clustering More than Two Million Biomedical Publications: Comparing the Accuracies of Nine Text-Based Similarity Approaches. PLoS ONE, 2011, 6, e18029.	1.1	207
16	An alternative map of the United States based on an n-dimensional model of geographic space. Journal of Visual Languages and Computing, 2011, 22, 290-304.	1.8	19
17	Multi-Perspective Analysis and Spatiotemporal Mapping of Air Pollution Monitoring Data. Environmental Science & Technology, 2010, 44, 6738-6744.	4.6	36
18	Discrete and continuous conceptualizations of science: Implications for knowledge domain visualization. Journal of Informetrics, 2009, 3, 233-245.	1.4	32

#	Article	IF	Citations
19	On Written Language in Works of Art and Cartography. Lecture Notes in Geoinformation and Cartography, 2009, , 1-16.	0.5	2
20	Cartography 2007: Reflection, Status, and Prediction. Cartography and Geographic Information Science, 2007, 34, 73-75.	1.4	0
21	Mapping Humanity's Knowledge and Expertise in the Digital Domain. Environment and Planning B: Planning and Design, 2007, 34, 765-766.	1.7	2
22	Where do you want to go today [in attribute space]?. Geospatial Technology and the Role of Location in Science, 2007, , 133-149.	0.2	6
23	Comparing Different Forms of Interactivity in the Visualization of Spatio-Temporal Data. KN - Journal of Cartography and Geographic Information, 2007, 57, 63-70.	1.6	0
24	Visualizing Demographic Trajectories with Self-Organizing Maps. GeoInformatica, 2005, 9, 159-179.	2.0	75
25	Cognitively Plausible Information Visualization. , 2005, , 667-690.		36
26	The world of geography: Visualizing a knowledge domain with cartographic means. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5274-5278.	3.3	89
27	Spatialization Methods: A Cartographic Research Agenda for Non-geographic Information Visualization. Cartography and Geographic Information Science, 2003, 30, 99-119.	1.4	147
28	Attribute space visualization of demographic change. , 2003, , .		13
29	On Geometry and Transformation in Map-Like Information Visualization. Lecture Notes in Computer Science, 2002, , 161-170.	1.0	14
30	Features, Objects, and other Things: Ontological Distinctions in the Geographic Domain. Lecture Notes in Computer Science, 2001, , 489-502.	1.0	24
31	Towards High-Resolution Self-Organizing Maps of Geographic Features. , 0, , 159-181.		4