

Anthony C Robinson

List of Publications by Year in descending order

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56
papers

1,629
citations

430754

18
h-index

377752

34
g-index

61
all docs

61
docs citations

61
times ranked

1447
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualizing Geospatial Information Uncertainty: What We Know and What We Need to Know. <i>Cartography and Geographic Information Science</i> , 2005, 32, 139-160.	1.4	413
2	SensePlace2: GeoTwitter analytics support for situational awareness. , 2011, , .		240
3	Combining Usability Techniques to Design Geovisualization Tools for Epidemiology. <i>Cartography and Geographic Information Science</i> , 2005, 32, 243-255.	1.4	103
4	Geospatial big data and cartography: research challenges and opportunities for making maps that matter. <i>International Journal of Cartography</i> , 2017, 3, 32-60.	0.2	95
5	Collaborative synthesis of visual analytic results. , 2008, , .		55
6	The geoviz toolkit: using component-oriented coordination methods for geographic visualization and analysis. <i>International Journal of Geographical Information Science</i> , 2011, 25, 191-210.	2.2	55
7	Envisioning the future of cartographic research. <i>International Journal of Cartography</i> , 2017, 3, 1-8.	0.2	40
8	Maps and the geospatial revolution: teaching a massive open online course (MOOC) in geography. <i>Journal of Geography in Higher Education</i> , 2015, 39, 65-82.	1.4	38
9	Visual Exploration and Analysis of Historic Hotel Visits. <i>Information Visualization</i> , 2007, 6, 89-103.	1.2	35
10	Distributed usability evaluation of the Pennsylvania Cancer Atlas. <i>International Journal of Health Geographics</i> , 2008, 7, 36.	1.2	35
11	Highlighting in Geovisualization. <i>Cartography and Geographic Information Science</i> , 2011, 38, 373-383.	1.4	33
12	Perceptual complexity of soil-landscape maps: a user evaluation of color organization in legend designs using eye tracking. <i>International Journal of Digital Earth</i> , 2017, 10, 560-581.	1.6	31
13	Designing a web-based learning portal for geographic visualization and analysis in public health. <i>Health Informatics Journal</i> , 2011, 17, 191-208.	1.1	29
14	SensePlace3: a geovisual framework to analyze placeâ€™timeâ€™ attribute information in social media. <i>Cartography and Geographic Information Science</i> , 2018, 45, 420-437.	1.4	28
15	A Design Framework for Exploratory Geovisualization in Epidemiology. <i>Information Visualization</i> , 2007, 6, 197-214.	1.2	25
16	Comparing Color and Leader Line Highlighting Strategies in Coordinated View Geovisualizations. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2015, 21, 339-349.	2.9	23
17	Leveraging Geospatially-Oriented Social Media Communications in Disaster Response. <i>International Journal of Information Systems for Crisis Response and Management</i> , 2013, 5, 22-40.	0.7	23
18	Symbol Store: sharing map symbols for emergency management. <i>Cartography and Geographic Information Science</i> , 2013, 40, 415-426.	1.4	22

#	ARTICLE	IF	CITATIONS
19	Design and evaluation of a geovisual analytics system for uncovering patterns in spatio-temporal event data. <i>Cartography and Geographic Information Science</i> , 2017, 44, 216-228.	1.4	22
20	Card Sorting For Cartographic Research and Practice. <i>Cartography and Geographic Information Science</i> , 2011, 38, 89-99.	1.4	20
21	Geospatial Information Visualization and Extended Reality Displays. , 2020, , 229-277.		19
22	GeoVisual analytics: interactivity, dynamics, and scale. <i>Cartography and Geographic Information Science</i> , 2016, 43, 1-2.	1.4	18
23	Developing Map Symbol Standards through an Iterative Collaboration Process. <i>Environment and Planning B: Planning and Design</i> , 2012, 39, 1034-1048.	1.7	16
24	Analyzing Cognitive Conceptualizations Using Interactive Visual Environments. <i>Cartography and Geographic Information Science</i> , 2011, 38, 52-68.	1.4	15
25	Free Classification of Canadian and American Emergency Management Map Symbol Standards. <i>Cartographic Journal</i> , 2012, 49, 350-360.	0.8	15
26	A method for discovery and analysis of temporal patterns in complex event data. <i>International Journal of Geographical Information Science</i> , 2015, 29, 1588-1611.	2.2	15
27	A brute force method for spatially-enhanced multivariate facet analysis. <i>Computers, Environment and Urban Systems</i> , 2018, 69, 28-38.	3.3	14
28	Elements of viral cartography. <i>Cartography and Geographic Information Science</i> , 2019, 46, 293-310.	1.4	14
29	Geovisual Analytics. , 2017, 2017, .		14
30	Adapting mobile map application designs to map use context: a review and call for action on potential future research themes. <i>Cartography and Geographic Information Science</i> , 2022, 49, 237-251.	1.4	12
31	Understanding User Needs for Map Symbol Standards in Emergency Management. <i>Journal of Homeland Security and Emergency Management</i> , 2011, 8, .	0.2	11
32	Supporting synthesis in geovisualization. <i>International Journal of Geographical Information Science</i> , 2011, 25, 211-227.	2.2	11
33	The role of user context in the design of mobile map applications. <i>Cartography and Geographic Information Science</i> , 2021, 48, 432-448.	1.4	11
34	Visual Analysis of Historic Hotel Visitation Patterns. , 2006, , .		10
35	Representing the Presence of Absence in Cartography. <i>Annals of the American Association of Geographers</i> , 2019, 109, 286-300.	1.5	9
36	Affective Congruence in Visualization Design: Influences on Reading Categorical Maps. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2022, 28, 2867-2878.	2.9	8

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37	Large university with high COVID-19 incidence is not associated with excess cases in non-student population. <i>Scientific Reports</i> , 2022, 12, 3313.	1.6	8
38	A Collaborative Process for Developing Map Symbol Standards. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 21, 93-102.	0.5	5
39	Exploring Class Discussions from a Massive Open Online Course (MOOC) on Cartography. <i>Lecture Notes in Geoinformation and Cartography</i> , 2015, , 173-182.	0.5	5
40	Beescape: Characterizing user needs for environmental decision support in beekeeping. <i>Ecological Informatics</i> , 2021, 64, 101366.	2.3	5
41	Designing Geovisual Analytics Environments and Displays with Humans in Mind. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 572.	1.4	4
42	A Virtual Globe Using a Discrete Global Grid System to Illustrate the Modifiable Areal Unit Problem. <i>Cartographica</i> , 2019, 54, 51-62.	0.2	3
43	Evaluating Maps in a Massive Open Online Course. <i>Cartographic Perspectives</i> , 2015, , 6-17.	0.1	3
44	Grand challenge award: Data integration visualization and collaboration in the VAST 2008 Challenge. , 2008, , .		2
45	Needs Assessment for the Design of Information Synthesis Visual Analytics Tools. , 2009, , .		2
46	Methods for ad-hoc delineation and analysis of categories of spatio-temporal events. , 2011, , .		2
47	Cartography 2.0: For people who make interactive maps. <i>Cartographic Perspectives</i> , 2009, , 41-44.	0.1	2
48	The impact of user characteristics of smallholder farmers on user experiences with collaborative map applications. <i>PLoS ONE</i> , 2022, 17, e0264426.	1.1	2
49	VAST 2007 Contest TexPlover. , 2007, , .		1
50	GIScience at Penn State. <i>Cartography and Geographic Information Science</i> , 2011, 38, 332-334.	1.4	1
51	Cartography and geographic information science at Penn State. <i>Cartography and Geographic Information Science</i> , 2015, 42, 91-92.	1.4	1
52	Evaluating geovisualization for spatial learning analytics. <i>International Journal of Cartography</i> , 2020, 6, 331-349.	0.2	1
53	Passive surveillance assesses compliance with COVID-19 behavioural restrictions in a rural US county. <i>Epidemiology and Infection</i> , 2021, 149, .	1.0	1
54	TextPlover: An application supporting text analysis. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
55	The Presence of Absence in Geovisual Analytics of Big Data. , 2018, , .		0
56	Approaches for Visualizing the Presence of Absence in Cartography. Abstracts of the ICA, 0, 3, 1-2.	0.0	0