# Anthony C Robinson

List of Publications by Year
in descending order

| 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 | Affective Congruence in Visualization Design: Influences on Reading Categorical Maps. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 2867-2878. | 2.9 | 8 |
| 2 | Adapting mobile map application designs to map use context: a review and call for action on potential future research themes. Cartography and Geographic Information Science, 2022, 49, 237-251. | 1.4 | 12 |
| 3 | Large university with high COVID-19 incidence is not associated with excess cases in non-student population. Scientific Reports, 2022, 12, 3313. | 1.6 | 8 |
| 4 | The impact of user characteristics of smallholder farmers on user experiences with collaborative map applications. PLoS ONE, 2022, 17, e0264426. | 1.1 | 2 |
| 5 | The role of user context in the design of mobile map applications. Cartography and Geographic Information Science, 2021, 48, 432-448. | 1.4 | 11 |
| 6 | Beescape: Characterizing user needs for environmental decision support in beekeeping. Ecological Informatics, 2021, 64, 101366. | 2.3 | 5 |
| 7 | Passive surveillance assesses compliance with COVID-19 behavioural restrictions in a rural US county. Epidemiology and Infection, 2021, 149, . | 1.0 | 1 |
| 8 | Evaluating geovisualization for spatial learning analytics. International Journal of Cartography, 2020, 6, 331-349. | 0.2 | 1 |
| 9 | Geospatial Information Visualization and Extended Reality Displays. , 2020, , 229-277. | | 19 |
| 10 | Elements of viral cartography. Cartography and Geographic Information Science, 2019, 46, 293-310. | 1.4 | 14 |
| 11 | A Virtual Globe Using a Discrete Global Grid System to Illustrate the Modifiable Areal Unit Problem. Cartographica, 2019, 54, 51-62. | 0.2 | 3 |
| 12 | Designing Geovisual Analytics Environments and Displays with Humans in Mind. ISPRS International Journal of Geo-Information, 2019, 8, 572. | 1.4 | 4 |
| 13 | Representing the Presence of Absence in Cartography. Annals of the American Association of Geographers, 2019, 109, 286-300. | 1.5 | 9 |
| 14 | A brute force method for spatially-enhanced multivariate facet analysis. Computers, Environment and Urban Systems, 2018, 69, 28-38. | 3.3 | 14 |
| 15 | SensePlace3: a geovisual framework to analyze place–time–attribute information in social media. Cartography and Geographic Information Science, 2018, 45, 420-437. | 1.4 | 28 |
| 16 | The Presence of Absence in Geovisual Analytics of Big Data. , 2018, , . | | 0 |
| 17 | Design and evaluation of a geovisual analytics system for uncovering patterns in spatio-temporal event data. Cartography and Geographic Information Science, 2017, 44, 216-228. | 1.4 | 22 |
| 18 | Envisioning the future of cartographic research. International Journal of Cartography, 2017, 3, 1-8. | 0.2 | 40 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 19 | Geospatial big data and cartography: research challenges and opportunities for making maps that matter. International Journal of Cartography, 2017, 3, 32-60. | 0.2 | 95 |
| 20 | Perceptual complexity of soil-landscape maps: a user evaluation of color organization in legend designs using eye tracking. International Journal of Digital Earth, 2017, 10, 560-581. | 1.6 | 31 |
| 21 | Geovisual Analytics. , 2017, 2017, . | | 14 |
| 22 | GeoVisual analytics: interactivity, dynamics, and scale. Cartography and Geographic Information Science, 2016, 43, 1-2. | 1.4 | 18 |
| 23 | Cartography and geographic information science at Penn State. Cartography and Geographic Information Science, 2015, 42, 91-92. | 1.4 | 1 |
| 24 | A method for discovery and analysis of temporal patterns in complex event data. International Journal of Geographical Information Science, 2015, 29, 1588-1611. | 2.2 | 15 |
| 25 | Exploring Class Discussions from a Massive Open Online Course (MOOC) on Cartography. Lecture Notes in Geoinformation and Cartography, 2015, , 173-182. | 0.5 | 5 |
| 26 | Maps and the geospatial revolution: teaching a massive open online course (MOOC) in geography. Journal of Geography in Higher Education, 2015, 39, 65-82. | 1.4 | 38 |
| 27 | Comparing Color and Leader Line Highlighting Strategies in Coordinated View Geovisualizations. IEEE Transactions on Visualization and Computer Graphics, 2015, 21, 339-349. | 2.9 | 23 |
| 28 | Evaluating Maps in a Massive Open Online Course. Cartographic Perspectives, 2015, , 6-17. | 0.1 | 3 |
| 29 | Symbol Store: sharing map symbols for emergency management. Cartography and Geographic Information Science, 2013, 40, 415-426. | 1.4 | 22 |
| 30 | Leveraging Geospatially-Oriented Social Media Communications in Disaster Response. International Journal of Information Systems for Crisis Response and Management, 2013, 5, 22-40. | 0.7 | 23 |
| 31 | Free Classification of Canadian and American Emergency Management Map Symbol Standards. Cartographic Journal, 2012, 49, 350-360. | 0.8 | 15 |
| 32 | Developing Map Symbol Standards through an Iterative Collaboration Process. Environment and Planning B: Planning and Design, 2012, 39, 1034-1048. | 1.7 | 16 |
| 33 | Card Sorting For Cartographic Research and Practice. Cartography and Geographic Information Science, 2011, 38, 89-99. | 1.4 | 20 |
| 34 | Highlighting in Geovisualization. Cartography and Geographic Information Science, 2011, 38, 373-383. | 1.4 | 33 |
| 35 | Analyzing Cognitive Conceptualizations Using Interactive Visual Environments. Cartography and Geographic Information Science, 2011, 38, 52-68. | 1.4 | 15 |
| 36 | Designing a web-based learning portal for geographic visualization and analysis in public health. Health Informatics Journal, 2011, 17, 191-208. | 1.1 | 29 |

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|---|---------|-----|-----------|
| 37 | A Collaborative Process for Developing Map Symbol Standards. Procedia, Social and Behavioral Sciences, 2011, 21, 93-102. | 0.5 | 5 |
| 38 | Methods for ad-hoc delineation and analysis of categories of spatio-temporal events. , 2011, , . | | 2 |
| 39 | GIScience at Penn State. Cartography and Geographic Information Science, 2011, 38, 332-334. | 1.4 | 1 |
| 40 | SensePlace2: GeoTwitter analytics support for situational awareness. , 2011, , . | | 240 |
| 41 | Understanding User Needs for Map Symbol Standards in Emergency Management. Journal of Homeland Security and Emergency Management, 2011, 8, . | 0.2 | 11 |
| 42 | The geoviz toolkit: using component-oriented coordination methods for geographic visualization and analysis. International Journal of Geographical Information Science, 2011, 25, 191-210. | 2.2 | 55 |
| 43 | Supporting synthesis in geovisualization. International Journal of Geographical Information Science, 2011, 25, 211-227. | 2.2 | 11 |
| 44 | Needs Assessment for the Design of Information Synthesis Visual Analytics Tools. , 2009, , . | | 2 |
| 45 | Cartography 2.0: For people who make interactive maps. Cartographic Perspectives, 2009, , 41-44. | 0.1 | 2 |
| 46 | Distributed usability evaluation of the Pennsylvania Cancer Atlas. International Journal of Health Geographics, 2008, 7, 36. | 1.2 | 35 |
| 47 | Collaborative synthesis of visual analytic results. , 2008, , . | | 55 |
| 48 | Grand challenge award: Data integration visualization and collaboration in the VAST 2008 Challenge. , 2008, , . | | 2 |
| 49 | TextPlorer: An application supporting text analysis. , 2007, , . | | 0 |
| 50 | VAST 2007 Contest TexPlorer. , 2007, , . | | 1 |
| 51 | A Design Framework for Exploratory Geovisualization in Epidemiology. Information Visualization, 2007, 6, 197-214. | 1.2 | 25 |
| 52 | Visual Exploration and Analysis of Historic Hotel Visits. Information Visualization, 2007, 6, 89-103. | 1.2 | 35 |
| 53 | Visual Analysis of Historic Hotel Visitation Patterns. , 2006, , . | | 10 |
| 54 | Visualizing Geospatial Information Uncertainty: What We Know and What We Need to Know. Cartography and Geographic Information Science, 2005, 32, 139-160. | 1.4 | 413 |

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|---|---------|----|-----------|
| 55 | Combining Usability Techniques to Design Geovisualization Tools for Epidemiology. Cartography and Geographic Information Science, 2005, 32, 243-255. | 1.4 | 103 |
| 56 | Approaches for Visualizing the Presence of Absence in Cartography. Abstracts of the ICA, 0, 3, 1-2. | 0.0 | 0 |