

Nicholas Chrisman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5526712/publications.pdf>

Version: 2024-02-01

44
papers

1,462
citations

471509

17
h-index

477307

29
g-index

54
all docs

54
docs citations

54
times ranked

1037
citing authors

#	ARTICLE	IF	CITATIONS
1	A Framework For Temporal Geographic Information. <i>Cartographica</i> , 1988, 25, 1-14.	0.4	226
2	Boundary Objects and the Social Construction of GIS Technology. <i>Environment and Planning A</i> , 1998, 30, 1683-1694.	3.6	210
3	Cartographic Data Structures. <i>The American Cartographer</i> , 1975, 2, 55-69.	0.2	134
4	AN ALGORITHM TO CONSTRUCT CONTINUOUS AREA CARTOGRAMS— . <i>Professional Geographer</i> , 1985, 37, 75-81.	1.8	120
5	Thirty Years of Research on Spatial Data Quality: Achievements, Failures, and Opportunities. <i>Transactions in GIS</i> , 2010, 14, 387-400.	2.3	84
6	Topography Wetness Index Application in Flood-Risk-Based Land Use Planning. <i>Applied Spatial Analysis and Policy</i> , 2016, 9, 39-54.	2.0	76
7	Full Circle: More than Just Social Implications of GIS. <i>Cartographica</i> , 2005, 40, 23-35.	0.4	68
8	Part 2: Issues and Problems Relating to Cartographic Data Use, Exchange and Transfer: The Role Of Quality Information In The Long-Term Functioning Of A Geographic Information System. <i>Cartographica</i> , 1984, 21, 79-88.	0.4	67
9	The accuracy of map overlays: A reassessment. <i>Landscape and Urban Planning</i> , 1987, 14, 427-439.	7.5	54
10	What Does "GIS" Mean?. <i>Transactions in GIS</i> , 1999, 3, 175-186.	2.3	49
11	A FRAMEWORK FOR MODEL CURRICULA DEVELOPMENT IN CARTOGRAPHY AND GEOGRAPHIC INFORMATION SYSTEMS. <i>Professional Geographer</i> , 1989, 41, 283-293.	1.8	45
12	Rethinking Levels of Measurement for Cartography. <i>Cartography and Geographic Information Science</i> , 1998, 25, 231-242.	1.0	45
13	A transformational approach to GIS operations. <i>International Journal of Geographical Information Science</i> , 1999, 13, 617-637.	4.8	41
14	Deflationary Metaphysics and the Natures of Maps. <i>Philosophy of Science</i> , 2001, 68, S38-S49.	1.0	41
15	Order from Noise: Toward a Social Theory of Geographic Information. <i>Annals of the American Association of Geographers</i> , 2006, 96, 508-523.	3.0	34
16	The Risks of Software Innovation: a Case Study of the Harvard Lab. <i>The American Cartographer</i> , 1988, 15, 291-300.	0.2	29
17	The Imbrication of Geography and Technology: The Social Construction of Geographic Information Systems. , 2004, , 65-80.		24
18	Deficiencies of sheets and tiles: building sheetless databases. <i>International Journal of Geographical Information Science</i> , 1990, 4, 157-167.	4.8	19

#	ARTICLE	IF	CITATIONS
19	Zipper: A Localized Approach to Edgematching. <i>The American Cartographer</i> , 1988, 15, 163-172.	0.2	14
20	Extending the Classroom: Hypermedia-supported learning. <i>Journal of Geography in Higher Education</i> , 1998, 22, 11-18.	2.6	14
21	FIA5: A customized Fuzzy Interval Algebra for modeling spatial relevancy in urban context-aware systems. <i>Engineering Applications of Artificial Intelligence</i> , 2014, 33, 116-126.	8.1	13
22	Efficient digitizing through the combination of appropriate hardware and software for error detection and editing. <i>International Journal of Geographical Information Science</i> , 1987, 1, 265-277.	4.8	11
23	Calculating on a round planet. <i>International Journal of Geographical Information Science</i> , 2017, 31, 637-657.	4.8	10
24	Communities of Scholars: Places of Leverage in the History of Automated Cartography. <i>Cartography and Geographic Information Science</i> , 2005, 32, 425-433.	3.0	7
25	Development in the Treatment of Spatial Data Quality. , 0, , 21-30.		7
26	Modelling Spatio-Temporal Relevancy in Urban Context-Aware Pervasive Systems Using Voronoi Continuous Range Query and Multi-Interval Algebra. <i>Mobile Information Systems</i> , 2013, 9, 189-208.	0.6	5
27	Land records modernization: Centers of excellence from a Wisconsin perspective. <i>Computers, Environment and Urban Systems</i> , 1984, 9, 219-227.	7.1	4
28	FIRST, DO NO HARM: ELIMINATING SYSTEMATIC ERROR IN ANALYTICAL RESULTS OF GIS APPLICATIONS. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-2/W1, 35-40.	0.2	3
29	Developing FIA5 to FSTPR25 for modeling spatio-temporal relevancy in context-aware wayfinding systems. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 2453-2466.	4.9	2
30	Introduction to special issue on frontiers of geospatial data science from the joint UCGIS symposium / Autocarto 2018 conference. <i>Cartography and Geographic Information Science</i> , 2019, 46, 1-1.	3.0	1
31	Editorial: Object Dynamics. , 1999, 3, 303-304.		0
32	Progress and missed opportunities in spatial analysis for Digital Earth. , 2013, , .		0
33	Spatial relevancy algorithm for context-aware systems (SRACS) in urban traffic networks using dynamic range neighbor query and directed interval algebra. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2013, 5, 605-619.	1.4	0
34	Special content related to the International Cartographic Congress 2015 in Rio de Janeiro. <i>Cartography and Geographic Information Science</i> , 2015, 42, 305-305.	3.0	0
35	Aims and scope of <i>Cartography and Geographic Information Science</i> . <i>Cartography and Geographic Information Science</i> , 2017, 44, 185-185.	3.0	0
36	Maps that move: introduction to special content section on 3D and dynamic illustrations. <i>Cartography and Geographic Information Science</i> , 2017, 44, 283-283.	3.0	0

#	ARTICLE	IF	CITATIONS
37	Special content sections: introduction. Cartography and Geographic Information Science, 2017, 44, 373-373.	3.0	0
38	Thanks to Reviewers: 1 July 2016â€“30 June 2017!. Cartography and Geographic Information Science, 2017, 44, 473-473.	3.0	0
39	Thanks to reviewers: 1 July 2017â€“30 June 2018. Cartography and Geographic Information Science, 2018, 45, 570-570.	3.0	0
40	Thanks to reviewers: 1 July 2018 â€“ 30 June 2019. Cartography and Geographic Information Science, 2019, 46, 567-567.	3.0	0
41	Thanks and farewell. Cartography and Geographic Information Science, 2020, 47, 565-565.	3.0	0
42	Peeling back the layers of a school wall map: Brunhes-Deffontaines â€”France ForestiÃ”reâ€”TM. International Journal of Cartography, 2021, 7, 140-145.	0.4	0
43	John Sherman and the Origins of GIS. Cartographic Perspectives, 1997, , 8-13.	0.1	0
44	Academic Developments of GIS&T in English-speaking countries: A partial history. Geographic Information Science & Technology Body of Knowledge, 2020, 2020, .	0.2	0