

Dawn J Wright

List of Publications by Year in descending order

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71
papers

2,729
citations

226546

25
h-index

190239

50
g-index

79
all docs

79
docs citations

79
times ranked

3596
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerating ethics, empathy, and equity in geographic information science. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119967119.	7.6	18
2	Conservation planning implications of modeling seagrass habitats with sparse absence data: a balanced random forest approach. Journal of Coastal Conservation, 2022, 26, .	1.6	1
3	Voluntary consensus based geospatial data standards for the global illegal trade in wild fauna and flora. Scientific Data, 2022, 9, .	5.4	5
4	Designing, generating, and translating deep-ocean observations for and with international policy makers. ICES Journal of Marine Science, 2022, 79, 1992-1995.	2.5	3
5	A Five-Star Guide for Achieving Replicability and Reproducibility When Working with GIS Software and Algorithms. Annals of the American Association of Geographers, 2021, 111, 1311-1317.	2.3	24
6	An assessment of the representation of ecosystems in global protected areas using new maps of World Climate Regions and World Ecosystems. Global Ecology and Conservation, 2020, 21, e00860.	2.2	91
7	Global Observational Needs and Resources for Marine Biodiversity. Frontiers in Marine Science, 2019, 6, .	2.5	87
8	Achieving the Full Vision of Earth Observation Data Cubes. Data, 2019, 4, 94.	2.3	36
9	The islands of Oceania â€œ Political geography, biogeography, and terrestrial ecosystems. Ecosystem Services, 2019, 39, 100985.	5.6	4
10	A new 30 meter resolution global shoreline vector and associated global islands database for the development of standardized ecological coastal units. Journal of Operational Oceanography, 2019, 12, S47-S56.	1.2	64
11	Artificial Intelligence Approaches. Geographic Information Science & Technology Body of Knowledge, 2019, 2019, .	0.2	16
12	Towards a Community â€œPlayground:â€œConnecting CyberGIS with Its Communities. Geospatial Technology and the Role of Location in Science, 2019, , 263-278.	0.0	0
13	Ocean deoxygenation: Time for action. Science, 2018, 359, 1475-1476.	20.9	7
14	A New High-Resolution Map of World Mountains and an Online Tool for Visualizing and Comparing Characterizations of Global Mountain Distributions. Mountain Research and Development, 2018, 38, 240-249.	1.1	56
15	Unified Geomorphological Analysis Workflows with Benthic Terrain Modeler. Geosciences (Switzerland), 2018, 8, 94.	2.3	208
16	Stratifying ocean sampling globally and with depth to account for environmental variability. Scientific Reports, 2018, 8, 11259.	3.4	34
17	Digital Data-Centric Geography: Implications for Geography's Frontier. Professional Geographer, 2018, 70, 687-694.	1.7	8
18	Modeling global Hammond landform regions from 250â€m elevation data. Transactions in GIS, 2017, 21, 1040-1060.	2.3	61

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19	Swells, Soundings, and Sustainability, butâ€¦Here Be Monstersâ€¦ Oceanography, 2017, 30, .	1.0	1
20	A Three-Dimensional Mapping of the Ocean Based on Environmental Data. Oceanography, 2017, 30, 90-103.	1.0	87
21	Toward a <i>digital</i> resilience. Elementa, 2016, 4, .	3.3	16
22	Combining geographic information systems and ethnography to better understand and plan ocean space use. Applied Geography, 2015, 59, 70-77.	3.8	21
23	Facilitating open exchange of data and information. Earth Science Informatics, 2015, 8, 721-739.	3.2	16
24	<i>gene<sc>GIS</sc></i>: Geoanalytical Tools and Arc Marine Customization for Individualâ€¦Based Genetic Records. Transactions in GIS, 2014, 18, 324-350.	2.3	7
25	Cretaceous fore-arc basalts from the Tonga arc: Geochemistry and implications for the tectonic history of the SW Pacific. Tectonophysics, 2014, 630, 21-32.	2.2	29
26	Web-based spatiotemporal simulation modeling and visualization of tsunami inundation and potential human response. International Journal of Geographical Information Science, 2014, 28, 987-1009.	4.6	5
27	Formation and Development of Fissures at the East Pacific Rise: Implications for Faulting and Magmatism at Mid-Ocean Ridges. Geophysical Monograph Series, 2013, , 137-151.	0.0	29
28	Seamounts, Ridges, and Reef Habitats of American Samoa. , 2012, , 791-806.		3
29	Basalts erupted along the Tongan fore arc during subduction initiation: Evidence from geochronology of dredged rocks from the Tonga fore arc and trench. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.6	86
30	Theory and application in a post-GISystems world. International Journal of Geographical Information Science, 2012, 26, 2197-2209.	4.6	16
31	Marine Geomorphology in the Design of Marine Reserve Networks. Professional Geographer, 2011, 63, 429-442.	1.7	16
32	Age systematics of two young en echelon Samoan volcanic trails. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.6	60
33	Potentials and limitations of Coastal Web Atlases. Journal of Coastal Conservation, 2011, 15, 607-627.	1.6	9
34	The emergence of spatial cyberinfrastructure. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5488-5491.	7.6	108
35	The GIS Professional Ethics Project: Practical Ethics for GIS Professionals. , 2011, , 199-209.		6
36	Social Power and GIS Technology: A Review and Assessment of Approaches for Natural Resource Management. Annals of the American Association of Geographers, 2009, 99, 254-272.	3.0	37

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37	A Customization of the Arc Marine Data Model to Support Whale Tracking via Satellite Telemetry. Transactions in GIS, 2009, 13, 63-83.	2.3	3
38	Spatial Data Infrastructures for Coastal Environments. Lecture Notes in Geoinformation and Cartography, 2009, , 91-112.	0.0	7
39	Derivation and Integration of Shallow-Water Bathymetry: Implications for Coastal Terrain Modeling and Subsequent Analyses. Marine Geodesy, 2008, 31, 299-317.	2.1	48
40	GeoModeler. , 2007, , .		8
41	Multiple mantle plume components involved in the petrogenesis of subduction-related lavas from the northern termination of the Tonga Arc and northern Lau Basin: Evidence from the geochemistry of arc and backarc submarine volcanics. Geochemistry, Geophysics, Geosystems, 2007, 8, .	2.6	107
42	A Benthic Terrain Classification Scheme for American Samoa. Marine Geodesy, 2006, 29, 89-111.	2.1	243
43	Living on the edge with the Oregon coastal atlas. , 2006, , .		0
44	Distance Education in Geographic Information Science: Symposium and an Informal Survey. Journal of Geography in Higher Education, 2005, 29, 91-100.	2.6	12
45	Making scientific data sets easier to find, access, and use. Eos, 2005, 86, 522.	0.1	1
46	Marine Geography in Support of "Reefs at Risk", 2004, , 325-330.		1
47	Remotely Acquired Data and Information in GIScience. , 2004, , 351-364.		1
48	Why Web GIS May Not Be Enough: A Case Study with the Virtual Research Vessel. Marine Geodesy, 2003, 26, 73-86.	2.1	8
49	Virtual Oregon. , 2002, , .		1
50	Crustal fissuring on the crest of the southern East Pacific Rise at 17°15'N-40°S. Journal of Geophysical Research, 2002, 107, EPM 5-1.	3.3	20
51	"Humane" Interfaces to Improve the Usability of Data Clearinghouses. Lecture Notes in Computer Science, 2002, , 333-345.	1.0	3
52	Virtual Oregon. , 2002, , .		0
53	Bathymetry of the Tonga Trench and Forearc: a map series. Marine Geophysical Researches, 2000, 21, 489-512.	1.2	56
54	Getting to the Bottom of It: Tools, Techniques, and Discoveries of Deep Ocean Geography. Professional Geographer, 1999, 51, 426-439.	1.7	8

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55	ArcGMT: a suite of tools for conversion between Arc/INFO® and Generic Mapping Tools (GMT). Computers and Geosciences, 1998, 24, 737-744.	4.3	3
56	Tectonic controls on sedimentation and diagenesis in the Tonga Trench and forearc, southwest Pacific. Bulletin of the Geological Society of America, 1998, 110, 483-496.	3.3	43
57	Data from the deep: implications for the GIS community. International Journal of Geographical Information Science, 1997, 11, 523-528.	4.6	54
58	Scientific information model for deepsea mapping and sampling. Marine Geodesy, 1997, 20, 367-379.	2.1	8
59	Reply: Still Hoping to Turn That Theoretical Corner. Annals of the American Association of Geographers, 1997, 87, 373-373.	3.0	10
60	A map series of the Southern East Pacific Rise and its flanks, 15½ S to 19½ S. Marine Geophysical Researches, 1996, 18, 1-12.	1.2	48
61	Breaking new ground: Estimates of crack depth along the axial zone of the East Pacific Rise (9°12'â€”54'N). Earth and Planetary Science Letters, 1995, 134, 441-457.	4.4	34
62	Crustal fissuring and its relationship to magmatic and hydrothermal processes on the East Pacific Rise crest (9°12' to 54'N). Journal of Geophysical Research, 1995, 100, 6097-6120.	3.3	73
63	Hydrothermal vent distribution along the East Pacific Rise crest (9°09'â€”54'N) and its relationship to magmatic and tectonic processes on fast-spreading mid-ocean ridges. Earth and Planetary Science Letters, 1991, 104, 513-534.	4.4	374
64	Active eruption seen on east Pacific rise. Eos, 1991, 72, 505-505.	0.1	13
65	The International Coastal Atlas Network. , 0, , 229-238.		2
66	Introduction. , 0, , 1-11.		1
67	Overview of Coastal Atlases. , 0, , 80-90.		2
68	Coastal Atlases in the Context of Spatial Data Infrastructures. , 0, , 239-255.		0
69	Oregon, USA. , 0, , 91-104.		0
70	Supporting a Successful Atlas. , 0, , 275-287.		0
71	Deepening the Decade: Collaborative Action for Advancing Deepâ€”Ocean Science and Policy in the United Nations Decade of Ocean Science for Sustainable Development. Limnology and Oceanography Bulletin, 0, , .	0.4	0