Dawn J Wright

List of Publications by Year
in descending order

71	2,729	226546	190239
papers	citations	25 h-index	50 g-index

79	79	79	3596
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrothermal vent distribution along the East Pacific Rise crest (9Â°09â€²â€“54â€²N) 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
2	A Benthic Terrain Classification Scheme for American Samoa. Marine Geodesy, 2006, 29, 89-111.	2.1	243
3	Unified Geomorphological Analysis Workflows with Benthic Terrain Modeler. Geosciences (Switzerland), 2018, 8, 94.	2.3	208
4	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
5	Multiple mantle plume components involved in the petrogenesis of subductionâ€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
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	A Three-Dimensional Mapping of the Ocean Based on Environmental Data. Oceanography, 2017, 30, 90-103.	1.0	87
8	Global Observational Needs and Resources for Marine Biodiversity. Frontiers in Marine Science, 2019, 6, .	2.5	87
9	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
10	Crustal fissuring and its relationship to magmatic and hydrothermal processes on the East Pacific Rise crest (9Â°12â€² to 54â€²N). Journal of Geophysical Research, 1995, 100, 6097-6120.	3.3	73
11	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
12	Modeling global Hammond landform regions from 250â€m elevation data. Transactions in GIS, 2017, 21, 1040-1060.	2.3	61
13	Age systematics of two young en echelon Samoan volcanic trails. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.6	60
14	Bathymetry of the Tonga Trench and Forearc: a map series. Marine Geophysical Researches, 2000, 21, 489-512.	1.2	56
15	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
16	Data from the deep: implications for the GIS community. International Journal of Geographical Information Science, 1997, 11, 523-528.	4.6	54
17	A map series of the Southern East Pacific Rise and its flanks, 15ï¿½ S to 19ï¿½ S. Marine Geophysical Researches, 1996, 18, 1-12.	1.2	48
18	Derivation and Integration of Shallow-Water Bathymetry: Implications for Coastal Terrain Modeling and Subsequent Analyses. Marine Geodesy, 2008, 31, 299-317.	2.1	48

#	Article	IF	Citations
19	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
20	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
21	Achieving the Full Vision of Earth Observation Data Cubes. Data, 2019, 4, 94.	2.3	36
22	Breaking new ground: Estimates of crack depth along the axial zone of the East Pacific Rise (9Â°12â€²â€“54â€²N). Earth and Planetary Science Letters, 1995, 134, 441-457.	4.4	34
23	Stratifying ocean sampling globally and with depth to account for environmental variability. Scientific Reports, 2018, 8, 11259.	3.4	34
24	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
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	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
27	Combining geographic information systems and ethnography to better understand and plan ocean space use. Applied Geography, 2015, 59, 70-77.	3.8	21
28	Crustal fissuring on the crest of the southern East Pacific Rise at 17Â°15â€²â€“40â€²S. Journal of Geophysical Research, 2002, 107, EPM 5-1.	3.3	20
29	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
30	Marine Geomorphology in the Design of Marine Reserve Networks. Professional Geographer, 2011, 63, 429-442.	1.7	16
31	Theory and application in a post-GISystems world. International Journal of Geographical Information Science, 2012, 26, 2197-2209.	4.6	16
32	Facilitating open exchange of data and information. Earth Science Informatics, 2015, 8, 721-739.	3.2	16
33	Toward a digital resilience. Elementa, 2016, 4, .	3.3	16
34	Artificial Intelligence Approaches. Geographic Information Science & Technology Body of Knowledge, 2019, 2019, .	0.2	16
35	Active eruption seen on east Pacific rise. Eos, 1991, 72, 505-505.	0.1	13
36	Distance Education in Geographic Information Science: Symposium and an Informal Survey. Journal of Geography in Higher Education, 2005, 29, 91-100.	2.6	12

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37	Reply: Still Hoping to Turn That Theoretical Corner. Annals of the American Association of Geographers, 1997, 87, 373-373.	3.0	10
38	Potentials and limitations of Coastal Web Atlases. Journal of Coastal Conservation, 2011, 15, 607-627.	1.6	9
39	Scientific information model for deepsea mapping and sampling. Marine Geodesy, 1997, 20, 367-379.	2.1	8
40	Getting to the Bottom of It: Tools, Techniques, and Discoveries of Deep Ocean Geography. Professional Geographer, 1999, 51, 426-439.	1.7	8
41	Why Web GIS May Not Be Enough: A Case Study with the Virtual Research Vessel. Marine Geodesy, 2003, 26, 73-86.	2.1	8
42	GeoModeler. , 2007, , .		8
43	Digital Data-Centric Geography: Implications for Geography's Frontier. Professional Geographer, 2018, 70, 687-694.	1.7	8
44	gene<scp>GIS</scp>: Geoanalytical Tools and Arc Marine Customization for Individualâ€Based Genetic Records. Transactions in GIS, 2014, 18, 324-350.	2.3	7
45	Ocean deoxygenation: Time for action. Science, 2018, 359, 1475-1476.	20.9	7
46	Spatial Data Infrastructures for Coastal Environments. Lecture Notes in Geoinformation and Cartography, 2009, , 91-112.	0.0	7
47	The GIS Professional Ethics Project: Practical Ethics for GIS Professionals. , 2011, , 199-209.		6
48	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
49	Voluntary consensus based geospatial data standards for the global illegal trade in wild fauna and flora. Scientific Data, 2022, 9, .	5.4	5
50	The islands of Oceania â€“ Political geography, biogeography, and terrestrial ecosystems. Ecosystem Services, 2019, 39, 100985.	5.6	4
51	ArcGMT: a suite of tools for conversion between Arc/INFOÂ® and Generic Mapping Tools (GMT). Computers and Geosciences, 1998, 24, 737-744.	4.3	3
52	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
53	Seamounts, Ridges, and Reef Habitats of American Samoa. , 2012, , 791-806.		3
54	â€œHumaneâ€•Interfaces to Improve the Usability of Data Clearinghouses. Lecture Notes in Computer Science, 2002, , 333-345.	1.0	3

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55	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
56	The International Coastal Atlas Network. , 0, , 229-238.		2
57	Overview of Coastal Atlases. , 0, , 80-90.		2
58	Virtual Oregon. , 2002, , .		1
59	Making scientific data sets easier to find, access, and use. Eos, 2005, 86, 522.	0.1	1
60	Swells, Soundings, and Sustainability, butâ€¦â€œHere Be Monstersâ€• Oceanography, 2017, 30, .	1.0	1
61	Marine Geography in Support of â€œReefs at Riskâ€• , 2004, , 325-330.		1
62	Remotely Acquired Data and Information in GIScience. , 2004, , 351-364.		1
63	Introduction. , 0, , 1-11.		1
64	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
65	Living on the edge with the Oregon coastal atlas. , 2006, , .		0
66	Towards a Community â€œPlayground:â€•Connecting CyberGIS with Its Communities. Geospatial Technology and the Role of Location in Science, 2019, , 263-278.	0.0	0
67	Coastal Atlases in the Context of Spatial Data Infrastructures. , 0, , 239-255.		0
68	Oregon, USA. , 0, , 91-104.		0
69	Supporting a Successful Atlas. , 0, , 275-287.		0
70	Virtual Oregon. , 2002, , .		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