

Dawn J Wright

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

2,163
citations

22
h-index

46
g-index

81
ext. papers

2,435
ext. citations

3.5
avg, IF

4.61
L-index

#	Paper	IF	Citations
72	Accelerating ethics, empathy, and equity in geographic information science.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2119967119	11	0
71	An assessment of the representation of ecosystems in global protected areas using new maps of World Climate Regions and World Ecosystems. <i>Global Ecology and Conservation</i> , 2020 , 21, e00860	2.7	22
70	A Five-Star Guide for Achieving Replicability and Reproducibility When Working with GIS Software and Algorithms. <i>Annals of the American Association of Geographers</i> , 2020 , 1-7	2.5	5
69	The islands of Oceania [Political geography, biogeography, and terrestrial ecosystems. <i>Ecosystem Services</i> , 2019 , 39, 100985	6	1
68	Global Observational Needs and Resources for Marine Biodiversity. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.4	31
67	Achieving the Full Vision of Earth Observation Data Cubes. <i>Data</i> , 2019 , 4, 94	2.2	14
66	A new 30 meter resolution global shoreline vector and associated global islands database for the development of standardized ecological coastal units. <i>Journal of Operational Oceanography</i> , 2019 , 12, S47-S56	2.8	18
65	Artificial Intelligence Approaches. <i>Geographic Information Science & Technology Body of Knowledge</i> , 2019 , 2019,	1.4	4
64	Towards a Community Playground: Connecting CyberGIS with Its Communities. <i>Geospatial Technology and the Role of Location in Science</i> , 2019 , 263-278	0.4	
63	Ocean deoxygenation: Time for action. <i>Science</i> , 2018 , 359, 1475-1476	31.9	1
62	Stratifying ocean sampling globally and with depth to account for environmental variability. <i>Scientific Reports</i> , 2018 , 8, 11259	4.7	15
61	Digital Data-Centric Geography: Implications for Geography's Frontier. <i>Professional Geographer</i> , 2018 , 70, 687-694	1.7	5
60	A New High-Resolution Map of World Mountains and an Online Tool for Visualizing and Comparing Characterizations of Global Mountain Distributions. <i>Mountain Research and Development</i> , 2018 , 38, 240-249	1.5	28
59	Unified Geomorphological Analysis Workflows with Benthic Terrain Modeler. <i>Geosciences (Switzerland)</i> , 2018 , 8, 94	2.6	102
58	Using Classified and Unclassified Land Cover Data to Estimate the Footprint of Human Settlement. <i>Data Science Journal</i> , 2018 , 17,	2	11
57	Modeling global Hammond landform regions from 250-m elevation data. <i>Transactions in GIS</i> , 2017 , 21, 1040-1060	2	27
56	Swells, Soundings, and Sustainability, but Here Be Monsters [Oceanography, 2017 , 30,	1.6	1

55	A Three-Dimensional Mapping of the Ocean Based on Environmental Data. <i>Oceanography</i> , 2017 , 30, 90-108	48
54	Toward a digital resilience. <i>Elementa</i> , 2016 , 4,	3.5 8
53	Combining geographic information systems and ethnography to better understand and plan ocean space use. <i>Applied Geography</i> , 2015 , 59, 70-77	4.3 19
52	Facilitating open exchange of data and information. <i>Earth Science Informatics</i> , 2015 , 8, 721-739	2.4 11
51	Soundings: The Story of the Remarkable Woman Who Mapped the Ocean Floor.. <i>Geographical Review</i> , 2014 , 104, 115-117	1.2
50	geneGIS: Geoanalytical Tools and Arc Marine Customization for Individual-Based Genetic Records. <i>Transactions in GIS</i> , 2014 , 18, 324-350	2 5
49	Cretaceous fore-arc basalts from the Tonga arc: Geochemistry and implications for the tectonic history of the SW Pacific. <i>Tectonophysics</i> , 2014 , 630, 21-32	3 18
48	Web-based spatiotemporal simulation modeling and visualization of tsunami inundation and potential human response. <i>International Journal of Geographical Information Science</i> , 2014 , 28, 987-1009 ^{3.9}	3
47	Formation and Development of Fissures at the East Pacific Rise: Implications for Faulting and Magmatism at Mid-Ocean Ridges. <i>Geophysical Monograph Series</i> , 2013 , 137-151	1.1 7
46	Seamounts, Ridges, and Reef Habitats of American Samoa 2012 , 791-806	1
45	Basalts erupted along the Tongan fore arc during subduction initiation: Evidence from geochronology of dredged rocks from the Tonga fore arc and trench. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13,	3.5 63
44	Theory and application in a post-GISystems world. <i>International Journal of Geographical Information Science</i> , 2012 , 26, 2197-2209	3.9 13
43	Potentials and limitations of Coastal Web Atlases. <i>Journal of Coastal Conservation</i> , 2011 , 15, 607-627	1.8 8
42	The emergence of spatial cyberinfrastructure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 5488-91	11 91
41	Marine Geomorphology in the Design of Marine Reserve Networks. <i>Professional Geographer</i> , 2011 , 63, 429-442	1.7 12
40	Age systematics of two young en echelon Samoan volcanic trails. <i>Geochemistry, Geophysics, Geosystems</i> , 2011 , 12, n/a-n/a	3.5 41
39	Social Power and GIS Technology: A Review and Assessment of Approaches for Natural Resource Management. <i>Annals of the American Association of Geographers</i> , 2009 , 99, 254-272	30
38	A Customization of the Arc Marine Data Model to Support Whale Tracking via Satellite Telemetry. <i>Transactions in GIS</i> , 2009 , 13, 63-83	2 2

37	Spatial Data Infrastructures for Coastal Environments. <i>Lecture Notes in Geoinformation and Cartography</i> , 2009 , 91-112	0.3	5
36	Regional carbon stocks and dynamics in native woody shrub communities of Senegal's Peanut Basin. <i>Agriculture, Ecosystems and Environment</i> , 2008 , 128, 1-11	5.7	20
35	Introduction to the Special Issue: Marine and Coastal GIS for Geomorphology, Habitat Mapping, and Marine Reserves. <i>Marine Geodesy</i> , 2008 , 31, 223-230	1.3	57
34	Derivation and Integration of Shallow-Water Bathymetry: Implications for Coastal Terrain Modeling and Subsequent Analyses. <i>Marine Geodesy</i> , 2008 , 31, 299-317	1.3	34
33	GeoModeler 2007 ,		2
32	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. <i>Geochemistry, Geophysics, Geosystems</i> , 2007 , 8, 11/12/13	3.5	74
31	A Benthic Terrain Classification Scheme for American Samoa. <i>Marine Geodesy</i> , 2006 , 29, 89-111	1.3	172
30	Distance Education in Geographic Information Science: Symposium and an Informal Survey. <i>Journal of Geography in Higher Education</i> , 2005 , 29, 91-100	1.5	10
29	Making scientific data sets easier to find, access, and use. <i>Eos</i> , 2005 , 86, 522	1.2	1
28	Marine Geography in Support of Reefs at Risk 2004 , 325-330		1
27	Remotely Acquired Data and Information in GIScience 2004 , 351-364		
26	Why Web GIS May Not Be Enough: A Case Study with the Virtual Research Vessel. <i>Marine Geodesy</i> , 2003 , 26, 73-86	1.3	7
25	Crustal fissuring on the crest of the southern East Pacific Rise at 17°15'N. <i>Journal of Geophysical Research</i> , 2002 , 107, EPM 5-1		10
24	Virtual Oregon 2002 ,		1
23	Humane Interfaces to Improve the Usability of Data Clearinghouses. <i>Lecture Notes in Computer Science</i> , 2002 , 333-345	0.8	2
22	Bathymetry of the Tonga Trench and Forearc: a map series. <i>Marine Geophysical Researches</i> , 2000 , 21, 489-512	2.2	46
21	Getting to the Bottom of It: Tools, Techniques, and Discoveries of Deep Ocean Geography. <i>Professional Geographer</i> , 1999 , 51, 426-439	1.7	6
20	Tectonic controls on sedimentation and diagenesis in the Tonga Trench and forearc, southwest Pacific. <i>Bulletin of the Geological Society of America</i> , 1998 , 110, 483-496	3.8	32

19	ArcGMT: a suite of tools for conversion between Arc/INFO and Generic Mapping Tools (GMT). <i>Computers and Geosciences</i> , 1998 , 24, 737-744	4.4	2
18	Data from the deep: implications for the GIS community. <i>International Journal of Geographical Information Science</i> , 1997 , 11, 523-528	3.9	30
17	Scientific information model for deepsea mapping and sampling. <i>Marine Geodesy</i> , 1997 , 20, 367-379	1.3	5
16	Reply: Still Hoping to Turn That Theoretical Corner. <i>Annals of the American Association of Geographers</i> , 1997 , 87, 373-373		6
15	Demystifying the Persistent Ambiguity of GIS as "Tool" versus "Science". <i>Annals of the American Association of Geographers</i> , 1997 , 87, 346-362		116
14	A map series of the Southern East Pacific Rise and its flanks, 15°S to 19°S. <i>Marine Geophysical Researches</i> , 1996 , 18, 1-12	2.2	48
13	Breaking new ground: Estimates of crack depth along the axial zone of the East Pacific Rise (9°12'N to 9°47'N). <i>Earth and Planetary Science Letters</i> , 1995 , 134, 441-457	5.1	31
12	Crustal fissuring and its relationship to magmatic and hydrothermal processes on the East Pacific Rise crest (9°12' to 54°N). <i>Journal of Geophysical Research</i> , 1995 , 100, 6097-6120		70
11	Volcanic eruption of the mid-ocean ridge along the East Pacific Rise crest at 9°45'N: Direct submersible observations of seafloor phenomena associated with an eruption event in April, 1991. <i>Earth and Planetary Science Letters</i> , 1993 , 119, 85-101	5.1	359
10	Hydrothermal vent distribution along the East Pacific Rise crest (9°09'N to 9°47'N) and its relationship to magmatic and tectonic processes on fast-spreading mid-ocean ridges. <i>Earth and Planetary Science Letters</i> , 1991 , 104, 513-534	5.1	330
9	Active eruption seen on East Pacific Rise. <i>Eos</i> , 1991 , 72, 505-505	1.2	10
8	Construction of marine vocabularies in the Marine Metadata Interoperability Project		3
7	Oregon, USA91-104		
6	Supporting a Successful Atlas275-287		
5	The International Coastal Atlas Network229-238		1
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1 The GIS Professional Ethics Project: Practical Ethics for GIS Professionals 199-209

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