

Dawn J Wright

List of Publications by Citations

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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	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
71	Hydrothermal vent distribution along the East Pacific Rise crest (9°09'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
70	A Benthic Terrain Classification Scheme for American Samoa. <i>Marine Geodesy</i> , 2006 , 29, 89-111	1.3	172
69	Demystifying the Persistent Ambiguity of GIS as "Tool" versus "Science". <i>Annals of the American Association of Geographers</i> , 1997 , 87, 346-362		116
68	Unified Geomorphological Analysis Workflows with Benthic Terrain Modeler. <i>Geosciences (Switzerland)</i> , 2018 , 8, 94	2.6	102
67	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
66	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, n/a-n/a	3.5	74
65	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
64	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
63	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
62	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
61	A Three-Dimensional Mapping of the Ocean Based on Environmental Data. <i>Oceanography</i> , 2017 , 30, 90-108		48
60	Bathymetry of the Tonga Trench and Forearc: a map series. <i>Marine Geophysical Researches</i> , 2000 , 21, 489-512	2.2	46
59	Age systematics of two young en echelon Samoan volcanic trails. <i>Geochemistry, Geophysics, Geosystems</i> , 2011 , 12, n/a-n/a	3.5	41
58	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
57	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
56	Global Observational Needs and Resources for Marine Biodiversity. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.4	31

55	Breaking new ground: Estimates of crack depth along the axial zone of the East Pacific Rise (9°12'N-14°N). <i>Earth and Planetary Science Letters</i> , 1995 , 134, 441-457	5.1	31
54	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
53	Data from the deep: implications for the GIS community. <i>International Journal of Geographical Information Science</i> , 1997 , 11, 523-528	3.9	30
52	Modeling global Hammond landform regions from 250-m elevation data. <i>Transactions in GIS</i> , 2017 , 21, 1040-1060	2	27
51	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
50	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
49	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
48	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
47	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
46	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
45	Stratifying ocean sampling globally and with depth to account for environmental variability. <i>Scientific Reports</i> , 2018 , 8, 11259	4.7	15
44	Achieving the Full Vision of Earth Observation Data Cubes. <i>Data</i> , 2019 , 4, 94	2.2	14
43	Theory and application in a post-GISystems world. <i>International Journal of Geographical Information Science</i> , 2012 , 26, 2197-2209	3.9	13
42	Marine Geomorphology in the Design of Marine Reserve Networks. <i>Professional Geographer</i> , 2011 , 63, 429-442	1.7	12
41	Using Classified and Unclassified Land Cover Data to Estimate the Footprint of Human Settlement. <i>Data Science Journal</i> , 2018 , 17,	2	11
40	Facilitating open exchange of data and information. <i>Earth Science Informatics</i> , 2015 , 8, 721-739	2.4	11
39	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
38	Crustal fissuring on the crest of the southern East Pacific Rise at 17°15'S. <i>Journal of Geophysical Research</i> , 2002 , 107, EPM 5-1		10

37	Active eruption seen on East Pacific Rise. <i>Eos</i> , 1991 , 72, 505-505	1.2	10
36	Toward a digital resilience. <i>Elementa</i> , 2016 , 4,	3.5	8
35	Potentials and limitations of Coastal Web Atlases. <i>Journal of Coastal Conservation</i> , 2011 , 15, 607-627	1.8	8
34	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
33	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
32	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
31	Reply: Still Hoping to Turn That Theoretical Corner. <i>Annals of the American Association of Geographers</i> , 1997 , 87, 373-373		6
30	Digital Data-Centric Geography: Implications for Geography's Frontier. <i>Professional Geographer</i> , 2018 , 70, 687-694	1.7	5
29	geneGIS: Geoanalytical Tools and Arc Marine Customization for Individual-Based Genetic Records. <i>Transactions in GIS</i> , 2014 , 18, 324-350	2	5
28	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
27	Scientific information model for deepsea mapping and sampling. <i>Marine Geodesy</i> , 1997 , 20, 367-379	1.3	5
26	Spatial Data Infrastructures for Coastal Environments. <i>Lecture Notes in Geoinformation and Cartography</i> , 2009 , 91-112	0.3	5
25	Artificial Intelligence Approaches. <i>Geographic Information Science & Technology Body of Knowledge</i> , 2019 , 2019,	1.4	4
24	The GIS Professional Ethics Project: Practical Ethics for GIS Professionals199-209		4
23	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
22	Construction of marine vocabularies in the Marine Metadata Interoperability Project		3
21	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
20	GeoModeler 2007 ,		2

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	Humane Interfaces to Improve the Usability of Data Clearinghouses. <i>Lecture Notes in Computer Science</i> , 2002 , 333-345	0.8	2
17	Ocean deoxygenation: Time for action. <i>Science</i> , 2018 , 359, 1475-1476	31.9	1
16	The islands of Oceania [Political geography, biogeography, and terrestrial ecosystems. <i>Ecosystem Services</i> , 2019 , 39, 100985	6	1
15	Swells, Soundings, and Sustainability, but Here Be Monsters <i>Oceanography</i> , 2017 , 30,	1.6	1
14	Seamounts, Ridges, and Reef Habitats of American Samoa 2012 , 791-806		1
13	Making scientific data sets easier to find, access, and use. <i>Eos</i> , 2005 , 86, 522	1.2	1
12	Virtual Oregon 2002 ,		1
11	The International Coastal Atlas Network 229-238		1
10	Connecting Geospatial Information to Society Through Cyberinfrastructure 108-122		1
9	Marine Geography in Support of Reefs at Risk 2004 , 325-330		1
8	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
7	Soundings: The Story of the Remarkable Woman Who Mapped the Ocean Floor.. <i>Geographical Review</i> , 2014 , 104, 115-117	1.2	
6	Oregon, USA 91-104		
5	Supporting a Successful Atlas 275-287		
4	Overview of Coastal Atlases 80-90		
3	Coastal Atlases in the Context of Spatial Data Infrastructures 239-255		
2	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	

1 Remotely Acquired Data and Information in GIScience **2004**, 351-364