

Maria T Kavanaugh

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.

28

papers

804

citations

17

h-index

28

g-index

31

ext. papers

1,075

ext. citations

4

avg, IF

3.66

L-index

#	Paper	IF	Citations
28	Volcanic ash fuels anomalous plankton bloom in subarctic northeast Pacific. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	172
27	Satellite sensor requirements for monitoring essential biodiversity variables of coastal ecosystems 2018 , 28, 749-760		69
26	Seascapes as a new vernacular for pelagic ocean monitoring, management and conservation. <i>ICES Journal of Marine Science</i> , 2016 , 73, 1839-1850	2.7	63
25	Fifteen degrees of separation: Latitudinal gradients of rocky intertidal biota along the California Current. <i>Limnology and Oceanography</i> , 2006 , 51, 2564-2585	4.8	61
24	A Three-Dimensional Mapping of the Ocean Based on Environmental Data. <i>Oceanography</i> , 2017 , 30, 90-103		54
23	Effect of continental shelf canyons on phytoplankton biomass and community composition along the western Antarctic Peninsula. <i>Marine Ecology - Progress Series</i> , 2015 , 524, 11-26	2.6	36
22	Human impacts on connectivity in marine and freshwater ecosystems assessed using graph theory: a review. <i>Marine and Freshwater Research</i> , 2016 , 67, 277	2.2	33
21	Hierarchical and dynamic seascapes: A quantitative framework for scaling pelagic biogeochemistry and ecology. <i>Progress in Oceanography</i> , 2014 , 120, 291-304	3.8	33
20	A Framework for a Marine Biodiversity Observing Network Within Changing Continental Shelf Seascapes. <i>Oceanography</i> , 2014 , 27, 18-23	2.3	32
19	Experimental assessment of the effects of shade on an intertidal kelp: Do phytoplankton blooms inhibit growth of open coast macroalgae?. <i>Limnology and Oceanography</i> , 2009 , 54, 276-288	4.8	31
18	Thirty-Three Years of Ocean Benthic Warming Along the U.S. Northeast Continental Shelf and Slope: Patterns, Drivers, and Ecological Consequences. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 9399-9414	3.3	28
17	Capturing coastal water clarity variability with Landsat 8. <i>Marine Pollution Bulletin</i> , 2019 , 145, 96-104	6.7	25
16	Spatial and spectral resolution considerations for imaging coastal waters 2007 ,		22
15	High-resolution estimates of net community production and air-sea CO ₂ flux in the northeast Pacific. <i>Global Biogeochemical Cycles</i> , 2012 , 26, n/a-n/a	5.9	20
14	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	2.9	19
13	Observational Needs Supporting Marine Ecosystems Modeling and Forecasting: From the Global Ocean to Regional and Coastal Systems. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	18
12	Implications of Future Northwest Atlantic Bottom Temperatures on the American Lobster (<i>Homarus americanus</i>) Fishery. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 9387-9398	3.3	17

11	Variability in the mechanisms controlling Southern Ocean phytoplankton bloom phenology in an ocean model and satellite observations. <i>Global Biogeochemical Cycles</i> , 2017 , 31, 922-940	5.9	15
10	Atmospheric and Fluvial Nutrients Fuel Algal Blooms in the East China Sea. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	14
9	ALOHA From the Edge: Reconciling Three Decades of in Situ Eulerian Observations and Geographic Variability in the North Pacific Subtropical Gyre. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	10
8	Recurrent seascape units identify key ecological processes along the western Antarctic Peninsula. <i>Global Change Biology</i> , 2018 , 24, 3065-3078	11.4	7
7	Physicochemical and biological controls on primary and net community production across northeast Pacific seascapes. <i>Limnology and Oceanography</i> , 2014 , 59, 2013-2027	4.8	7
6	A SALTY DIVIDE WITHIN ASLO?. <i>Limnology and Oceanography Bulletin</i> , 2013 , 22, 34-37	0.9	5
5	Megaregions among the large marine ecosystems of the Americas. <i>Environmental Development</i> , 2017 , 22, 52-62	4.1	4
4	Dynamic Satellite Seascapes as a Biogeographic Framework for Understanding Phytoplankton Assemblages in the Florida Keys National Marine Sanctuary, United States. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	3
3	Enhanced monitoring of life in the sea is a critical component of conservation management and sustainable economic growth. <i>Marine Policy</i> , 2021 , 132, 104699	3.5	3
2	Ocean seascapes predict distant-water fishing vessel incursions into exclusive economic zones. <i>Fish and Fisheries</i> , 2021 , 22, 899-910	6	1
1	Advancing Toward Professorship in Biology, Ecology, and Earth System Sciences 2016 , 165-184		