

Maria T Kavanaugh

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,266
citations

430754

18
h-index

477173

29
g-index

31
all docs

31
docs citations

31
times ranked

2530
citing authors

#	ARTICLE	IF	CITATIONS
1	Volcanic ash fuels anomalous plankton bloom in subarctic northeast Pacific. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	238
2	Satellite sensor requirements for monitoring essential biodiversity variables of coastal ecosystems. <i>Ecological Applications</i> , 2018, 28, 749-760.	1.8	116
3	Seascapes as a new vernacular for pelagic ocean monitoring, management and conservation. <i>ICES Journal of Marine Science</i> , 2016, 73, 1839-1850.	1.2	100
4	A Three-Dimensional Mapping of the Ocean Based on Environmental Data. <i>Oceanography</i> , 2017, 30, 90-103.	0.5	86
5	Fifteen degrees of separation: Latitudinal gradients of rocky intertidal biota along the California Current. <i>Limnology and Oceanography</i> , 2006, 51, 2564-2585.	1.6	74
6	Hierarchical and dynamic seascapes: A quantitative framework for scaling pelagic biogeochemistry and ecology. <i>Progress in Oceanography</i> , 2014, 120, 291-304.	1.5	58
7	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.	0.6	56
8	Thirtyâ€³Three 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.	1.0	50
9	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.	0.9	48
10	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.	1.6	44
11	Capturing coastal water clarity variability with Landsat 8. <i>Marine Pollution Bulletin</i> , 2019, 145, 96-104.	2.3	44
12	A Framework for a Marine Biodiversity Observing Network Within Changing Continental Shelf Seascapes. <i>Oceanography</i> , 2014, 27, 18-23.	0.5	43
13	Human impacts on connectivity in marine and freshwater ecosystems assessed using graph theory: a review. <i>Marine and Freshwater Research</i> , 2016, 67, 277.	0.7	43
14	Spatial and spectral resolution considerations for imaging coastal waters. <i>Proceedings of SPIE</i> , 2007, , .	0.8	33
15	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, .	1.2	32
16	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.	1.0	31
17	Highâ€³resolution estimates of net community production and airâ€³sea CO ₂ flux in the northeast Pacific. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	1.9	29
18	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.	1.9	24

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19	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.	1.5	21
20	Atmospheric and Fluvial Nutrients Fuel Algal Blooms in the East China Sea. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	18
21	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, .	1.2	16
22	Physicochemical and biological controls on primary and net community production across northeast Pacific seascapes. <i>Limnology and Oceanography</i> , 2014, 59, 2013-2027.	1.6	14
23	Recurrent seascape units identify key ecological processes along the western Antarctic Peninsula. <i>Global Change Biology</i> , 2018, 24, 3065-3078.	4.2	13
24	Ocean seascapes predict distantâ€water fishing vessel incursions into exclusive economic zones. <i>Fish and Fisheries</i> , 2021, 22, 899-910.	2.7	9
25	A SALTY DIVIDE WITHIN ASLO?. <i>Limnology and Oceanography Bulletin</i> , 2013, 22, 34-37.	0.2	8
26	Megaregions among the large marine ecosystems of the Americas. <i>Environmental Development</i> , 2017, 22, 52-62.	1.8	6
27	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, .	1.2	6
28	Marine Life 2030: Forecasting Changes to Ocean Biodiversity to Inform Decision-Making: A Critical Role for the Marine Biodiversity Observation Network (MBON). <i>Marine Technology Society Journal</i> , 2021, 55, 84-85.	0.3	3
29	A Dynamic Stress-Scape Framework to Evaluate Potential Effects of Multiple Environmental Stressors on Gulf of Alaska Juvenile Pacific Cod. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	1
30	Advancing Toward Professorship in Biology, Ecology, and Earth System Sciences. , 2016, , 165-184.		0