

Frank E Muller-Karger

List of Publications by Year in descending order

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Version: 2024-02-01

147
papers

8,827
citations

36303

51
h-index

48315

88
g-index

170
all docs

170
docs citations

170
times ranked

10550
citing authors

#	ARTICLE	IF	CITATIONS
1	Forest Loss is Accelerating Along the US Gulf Coast. <i>Estuaries and Coasts</i> , 2022, 45, 913-919.	2.2	1
2	Automated high-resolution satellite-derived coastal bathymetry mapping. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 107, 102693.	2.8	3
3	Global genetic diversity status and trends: towards a suite of Essential Biodiversity Variables (<scp>EBVs</scp>) for genetic composition. <i>Biological Reviews</i> , 2022, 97, 1511-1538.	10.4	73
4	Marine Life 2030: Building Global Knowledge of Marine Life for Local Action in the Ocean Decade. <i>Marine Technology Society Journal</i> , 2022, 56, 112-113.	0.4	1
5	The relationship between environmental parameters and microbial water quality at two Costa Rican beaches from 2002 to 2017. <i>Marine Pollution Bulletin</i> , 2021, 163, 111957.	5.0	3
6	TOS Expands Efforts to Promote Justice, Equity, Diversity, and Inclusion in the Ocean Sciences. <i>Oceanography</i> , 2021, 34, 9-9.	1.0	0
7	Priority list of biodiversity metrics to observe from space. <i>Nature Ecology and Evolution</i> , 2021, 5, 896-906.	7.8	101
8	Open Ocean Particle Flux Variability From Surface to Seafloor. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092895.	4.0	6
9	Super Sites for Advancing Understanding of the Oceanic and Atmospheric Boundary Layers. <i>Marine Technology Society Journal</i> , 2021, 55, 144-145.	0.4	1
10	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.	0.4	3
11	NASA's surface biology and geology designated observable: A perspective on surface imaging algorithms. <i>Remote Sensing of Environment</i> , 2021, 257, 112349.	11.0	148
12	A Decade of Incorporating Social Sciences in the Integrated Marine Biosphere Research Project (IMBeR): Much Done, Much to Do?. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	7
13	The journey to monitoring ecosystem services: Are we there yet?. <i>Ecosystem Services</i> , 2021, 50, 101313.	5.4	3
14	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.	3.2	21
15	Establishing the Foundation for the Global Observing System for Marine Life. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	11
16	Analysis of the wetland classification using optical satellite imagery in the environmental protection area of GuaraqueÃsaba, PR, Brazil. <i>Journal of South American Earth Sciences</i> , 2021, 112, 103615.	1.4	3
17	Stakeholder participation in IPBES: connecting local environmental work with global decision making. <i>Ecosystems and People</i> , 2020, 16, 197-211.	3.2	10
18	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, .	2.5	6

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19	Future Vision for Autonomous Ocean Observations. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	57
20	Mapping hurricane damage: A comparative analysis of satellite monitoring methods. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 91, 102134.	2.8	6
21	Automated High-Resolution Time Series Mapping of Mangrove Forests Damaged by Hurricane Irma in Southwest Florida. <i>Remote Sensing</i> , 2020, 12, 1740.	4.0	13
22	The establishment of a pelagic Sargassum population in the tropical Atlantic: Biological consequences of a basin-scale long distance dispersal event. <i>Progress in Oceanography</i> , 2020, 182, 102269.	3.2	117
23	Anomalous $\delta^{13}C$ in Particulate Organic Carbon at the Chemoautotrophy Maximum in the Cariaco Basin. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005276.	3.0	4
24	Environmental DNA reveals seasonal shifts and potential interactions in a marine community. <i>Nature Communications</i> , 2020, 11, 254.	12.8	154
25	The Scientific Legacy of the CARIACO Ocean Time-Series Program. <i>Annual Review of Marine Science</i> , 2019, 11, 413-437.	11.6	33
26	Global Observational Needs and Resources for Marine Biodiversity. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	77
27	An introduction to the "Oceans and Society: Blue Planet" initiative. <i>Journal of Operational Oceanography</i> , 2019, 12, S1-S11.	1.2	7
28	Examining youth perceptions and social contexts of litter to improve marine debris environmental education. <i>Environmental Education Research</i> , 2019, 25, 1400-1415.	2.9	20
29	An Ocean-Colour Time Series for Use in Climate Studies: The Experience of the Ocean-Colour Climate Change Initiative (OC-CCI). <i>Sensors</i> , 2019, 19, 4285.	3.8	239
30	Editorial: Oceanobs'19: An Ocean of Opportunity. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	10
31	From Land to the Ocean: The Interplay Between Allochthonous and Autochthonous Contribution to Particles in Nepheloid Layers of the Cariaco Basin, Venezuela. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3191-3207.	3.0	0
32	Evaluation of evapotranspiration variations according to soil type using multivariate statistical analysis. <i>Geoderma</i> , 2019, 355, 113906.	5.1	7
33	Coral Reef Monitoring, Reef Assessment Technologies, and Ecosystem-Based Management. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	96
34	ENSO-induced co-variability of Salinity, Plankton Biomass and Coastal Currents in the Northern Gulf of Mexico. <i>Scientific Reports</i> , 2019, 9, 178.	3.3	33
35	Toward a Coordinated Global Observing System for Seagrasses and Marine Macroalgae. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	123
36	Carbon cycling in the North American coastal ocean: a synthesis. <i>Biogeosciences</i> , 2019, 16, 1281-1304.	3.3	45

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37	Developing High Resolution Baseline Coast Resource Maps Using World View 2 Imagery for a Coastal Village in Fiji. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	8
38	Essential biodiversity variables for mapping and monitoring species populations. <i>Nature Ecology and Evolution</i> , 2019, 3, 539-551.	7.8	283
39	Reimagining the potential of Earth observations for ecosystem service assessments. <i>Science of the Total Environment</i> , 2019, 665, 1053-1063.	8.0	39
40	Evaluation of evapotranspiration variations as a function of relief and terrain exposure through multivariate statistical analysis. <i>Ecohydrology and Hydrobiology</i> , 2019, 19, 307-315.	2.3	5
41	Evolving and Sustaining Ocean Best Practices and Standards for the Next Decade. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	73
42	Coral mortality event in the Flower Garden Banks of the Gulf of Mexico in July 2016: Local hypoxia due to cross-shelf transport of coastal flood waters?. <i>Continental Shelf Research</i> , 2019, 190, 103988.	1.8	16
43	Mississippi River and Campeche Bank (Gulf of Mexico) Episodes of Cross-Shelf Export of Coastal Waters Observed with Satellites. <i>Remote Sensing</i> , 2019, 11, 723.	4.0	12
44	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.	1.2	56
45	Predicting culturable enterococci exceedances at Escambron Beach, San Juan, Puerto Rico using satellite remote sensing and artificial neural networks. <i>Journal of Water and Health</i> , 2019, 17, 137-148.	2.6	11
46	The METROPOLE Project – An Integrated Framework to Analyse Local Decision Making and Adaptive Capacity to Large-Scale Environmental Change: Decision Making and Adaptation to Sea Level Rise in Santos, Brazil. , 2019, , 3-15.		3
47	Molecular Approaches for an Operational Marine Biodiversity Observation Network. , 2019, , 613-631.		5
48	Challenges for global ocean observation: the need for increased human capacity. <i>Journal of Operational Oceanography</i> , 2019, 12, S137-S156.	1.2	43
49	A compilation of global bio-optical in situ data for ocean-colour satellite applications – version two. <i>Earth System Science Data</i> , 2019, 11, 1037-1068.	9.9	43
50	Enabling efficient, large-scale high-spatial resolution wetland mapping using satellites. <i>Remote Sensing of Environment</i> , 2018, 208, 189-201.	11.0	69
51	Satellite sensor requirements for monitoring essential biodiversity variables of coastal ecosystems. <i>Ecological Applications</i> , 2018, 28, 749-760.	3.8	116
52	Essential ocean variables for global sustained observations of biodiversity and ecosystem changes. <i>Global Change Biology</i> , 2018, 24, 2416-2433.	9.5	272
53	Evaluation of marine zooplankton community structure through environmental DNA metabarcoding. <i>Limnology and Oceanography: Methods</i> , 2018, 16, 209-221.	2.0	108
54	A heat vulnerability index to improve urban public health management in San Juan, Puerto Rico. <i>International Journal of Biometeorology</i> , 2018, 62, 709-722.	3.0	56

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55	Mapping of Benthic Habitats in Komave, Coral Coast Using WorldView-2 Satellite Imagery. <i>Climate Change Management</i> , 2018, , 337-355.	0.8	2
56	Seasonal patterns in phytoplankton biomass across the northern and deep Gulf of Mexico: a numerical model study. <i>Biogeosciences</i> , 2018, 15, 3561-3576.	3.3	32
57	Rapid Coastal Forest Decline in Florida's Big Bend. <i>Remote Sensing</i> , 2018, 10, 1721.	4.0	10
58	Integrated Observations and Informatics Improve Understanding of Changing Marine Ecosystems. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	27
59	Application of Artificial Neural Networks for Dengue Fever Outbreak Predictions in the Northwest Coast of Yucatan, Mexico and San Juan, Puerto Rico. <i>Tropical Medicine and Infectious Disease</i> , 2018, 3, 5.	2.3	42
60	Beyond Chlorophyll Fluorescence: The Time is Right to Expand Biological Measurements in Ocean Observing Programs. <i>Limnology and Oceanography Bulletin</i> , 2018, 27, 89-90.	0.4	25
61	Water quality observations in the marine aquaculture complex of the Deeba Triangle, Lake Manzala, Egyptian Mediterranean coast. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 436.	2.7	14
62	Advancing Marine Biological Observations and Data Requirements of the Complementary Essential Ocean Variables (EOVs) and Essential Biodiversity Variables (EBVs) Frameworks. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	148
63	Description and Mechanisms of the Mid-Year Upwelling in the Southern Caribbean Sea from Remote Sensing and Local Data. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 36.	2.6	19
64	Water Quality Drivers in 11 Gulf of Mexico Estuaries. <i>Remote Sensing</i> , 2018, 10, 255.	4.0	11
65	Impacts of 40 years of land cover change on water quality in Tampa Bay, Florida. <i>Cogent Geoscience</i> , 2018, 4, 1422956.	0.6	6
66	Temporal evaluation of evapotranspiration for sugar cane, planted forest and native forest using landsat 8 images and a two-source energy balance. <i>Computers and Electronics in Agriculture</i> , 2018, 151, 70-76.	7.7	3
67	Remote sensing estimation of surface oil volume during the 2010 Deepwater Horizon oil blowout in the Gulf of Mexico: scaling up AVIRIS observations with MODIS measurements. <i>Journal of Applied Remote Sensing</i> , 2018, 12, 1.	1.3	34
68	Who Should Pay for Climate Adaptation? Public Attitudes and the Financing of Flood Protection in Florida. <i>Environmental Values</i> , 2018, 27, 535-557.	1.2	11
69	Sharing Best Practices Among Operators and Users of Oceanographic Data: Challenge, Status, and Plans of the Ocean Best Practices Project. <i>Marine Technology Society Journal</i> , 2018, 52, 8-12.	0.4	0
70	Megaregions among the large marine ecosystems of the Americas. <i>Environmental Development</i> , 2017, 22, 52-62.	4.1	6
71	A globally deployable strategy for co-development of adaptation preferences to sea-level rise: the public participation case of Santos, Brazil. <i>Natural Hazards</i> , 2017, 88, 39-53.	3.4	15
72	Satellite Remote Sensing for Coastal Management: A Review of Successful Applications. <i>Environmental Management</i> , 2017, 60, 323-339.	2.7	72

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73	Modelling dengue fever risk in the State of Yucatan, Mexico using regional-scale satellite-derived sea surface temperature. <i>Acta Tropica</i> , 2017, 172, 50-57.	2.0	18
74	Large-scale deposition of weathered oil in the Gulf of Mexico following a deep-water oil spill. <i>Environmental Pollution</i> , 2017, 228, 179-189.	7.5	123
75	Projections of future habitat use by Atlantic bluefin tuna: mechanistic vs. correlative distribution models. <i>ICES Journal of Marine Science</i> , 2017, 74, 698-716.	2.5	23
76	Monitoring biodiversity change through effective global coordination. <i>Current Opinion in Environmental Sustainability</i> , 2017, 29, 158-169.	6.3	147
77	Spectroscopy for global observation of coastal and inland aquatic habitats. , 2017, , .		1
78	Environmental Factors Correlated with Culturable Enterococci Concentrations in Tropical Recreational Waters: A Case Study in Escambron Beach, San Juan, Puerto Rico. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1602.	2.6	10
79	Spatial variability of Spanish sardine (<i>Sardinella aurita</i>) abundance as related to the upwelling cycle off the southeastern Caribbean Sea. <i>PLoS ONE</i> , 2017, 12, e0179984.	2.5	8
80	Evolving academic culture to meet societal needs. <i>Palgrave Communications</i> , 2017, 3, .	4.7	21
81	Monitoring Ocean Change in the 21st Century. <i>Eos</i> , 2017, , .	0.1	4
82	Characterization of Available Light for Seagrass and Patch Reef Productivity in Sugarloaf Key, Lower Florida Keys. <i>Remote Sensing</i> , 2016, 8, 86.	4.0	4
83	Decadal variability in the oxygen inventory of North Atlantic subtropical underwater captured by sustained, long-term oceanographic time series observations. <i>Global Biogeochemical Cycles</i> , 2016, 30, 460-478.	4.9	18
84	A spaceborne visible-NIR hyperspectral imager for coastal phenology. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
85	Characterization of <i>Karenia brevis</i> blooms on the West Florida Shelf using ocean color satellite imagery: implications for bloom maintenance and evolution. <i>Journal of Applied Remote Sensing</i> , 2016, 11, 012002.	1.3	7
86	Seascapes as a new vernacular for pelagic ocean monitoring, management and conservation. <i>ICES Journal of Marine Science</i> , 2016, 73, 1839-1850.	2.5	100
87	A compilation of global bio-optical in situ data for ocean-colour satellite applications. <i>Earth System Science Data</i> , 2016, 8, 235-252.	9.9	56
88	Potential impact of climate change on the Intra-Americas Sea: Part-1. A dynamic downscaling of the CMIP5 model projections. <i>Journal of Marine Systems</i> , 2015, 148, 56-69.	2.1	57
89	Phytoplankton adapt to changing ocean environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5762-5766.	7.1	114
90	Improved coastal wetland mapping using very-high 2-meter spatial resolution imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015, 40, 11-18.	2.8	32

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91	Natural variability of surface oceanographic conditions in the offshore Gulf of Mexico. <i>Progress in Oceanography</i> , 2015, 134, 54-76.	3.2	130
92	Phytoplankton community structure and depth distribution changes in the Cariaco Basin between 1996 and 2010. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 101, 27-37.	1.4	31
93	Evaluation and optimization of remote sensing techniques for detection of <i>Karenia brevis</i> blooms on the West Florida Shelf. <i>Remote Sensing of Environment</i> , 2015, 170, 239-254.	11.0	31
94	A Framework for a Marine Biodiversity Observing Network Within Changing Continental Shelf Seascapes. <i>Oceanography</i> , 2014, 27, 18-23.	1.0	43
95	Reef-Scale Thermal Stress Monitoring of Coral Ecosystems: New 5-km Global Products from NOAA Coral Reef Watch. <i>Remote Sensing</i> , 2014, 6, 11579-11606.	4.0	213
96	Assessing Climate Variability Effects on Dengue Incidence in San Juan, Puerto Rico. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 9409-9428.	2.6	52
97	Interannual and Subdecadal Variability in the Nutrient Geochemistry of the Cariaco Basin. <i>Oceanography</i> , 2014, 27, 148-159.	1.0	38
98	Satellite Remote Sensing in Support of an Integrated Ocean Observing System. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2013, 1, 8-18.	9.6	35
99	The southern Caribbean upwelling system: Sea surface temperature, wind forcing and chlorophyll concentration patterns. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 78, 102-114.	1.4	87
100	Biogenic nitrogen gas production at the oxic-anoxic interface in the Cariaco Basin, Venezuela. <i>Biogeosciences</i> , 2013, 10, 267-279.	3.3	17
101	Ecosystem responses in the southern Caribbean Sea to global climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19315-19320.	7.1	93
102	Vertical fluxes of particulate biogenic material through the euphotic and twilight zones in the Cariaco Basin, Venezuela. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 67, 73-84.	1.4	20
103	Seasonal and spatial heterogeneity of recent sea surface temperature trends in the Caribbean Sea and southeast Gulf of Mexico. <i>Marine Pollution Bulletin</i> , 2012, 64, 956-965.	5.0	90
104	Bio-optical characteristics of Cariaco Basin (Caribbean Sea) waters. <i>Continental Shelf Research</i> , 2011, 31, 582-593.	1.8	21
105	Chlorophyll variability in the northeastern Gulf of Mexico. <i>International Journal of Remote Sensing</i> , 2011, 32, 8373-8391.	2.9	27
106	Short-term variability of suspended sediment and phytoplankton in Tampa Bay, Florida: Observations from a coastal oceanographic tower and ocean color satellites. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 89, 62-72.	2.1	61
107	Using the Surface Reflectance MODIS Terra Product to Estimate Turbidity in Tampa Bay, Florida. <i>Remote Sensing</i> , 2010, 2, 2713-2728.	4.0	51
108	Measuring progress toward global marine conservation targets. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 124-129.	4.0	37

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109	Building an Automated Integrated Observing System to Detect Sea Surface Temperature Anomaly Events in the Florida Keys. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 2071-2084.	6.3	26
110	Building an Automated Integrated Observing System to Detect Sea Surface Temperature Anomaly Events in the Florida Keys. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 1607-1620.	6.3	17
111	The importance of subsurface nepheloid layers in transport and delivery of sediments to the eastern Cariaco Basin, Venezuela. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 2249-2262.	1.4	36
112	Detection of <i>Karenia brevis</i> blooms on the west Florida shelf using in situ backscattering and fluorescence data. Harmful Algae, 2009, 8, 898-909.	4.8	32
113	On the remote monitoring of <i>Karenia brevis</i> blooms of the west Florida shelf. Continental Shelf Research, 2008, 28, 159-176.	1.8	35
114	Particulate organic carbon fluxes along upwelling-dominated continental margins: Rates and mechanisms. Global Biogeochemical Cycles, 2007, 21, .	4.9	96
115	Colored dissolved organic matter in Tampa Bay, Florida. Marine Chemistry, 2007, 104, 98-109.	2.3	104
116	Remote sensing of water clarity in Tampa Bay. Remote Sensing of Environment, 2007, 109, 249-259.	11.0	109
117	Remote sensing of particle backscattering in Chesapeake Bay: A 6-year SeaWiFS retrospective view. Estuarine, Coastal and Shelf Science, 2007, 73, 792-806.	2.1	37
118	The oxygen isotope composition of planktonic foraminifera from the Cariaco Basin, Venezuela: Seasonal and interannual variations. Marine Micropaleontology, 2007, 62, 180-193.	1.2	61
119	Monitoring turbidity in Tampa Bay using MODIS/Aqua 250-m imagery. Remote Sensing of Environment, 2007, 109, 207-220.	11.0	252
120	Hurricanes, submarine groundwater discharge, and Florida's red tides. Geophysical Research Letters, 2006, 33, .	4.0	200
121	Red tide detection and tracing using MODIS fluorescence data: A regional example in SW Florida coastal waters. Remote Sensing of Environment, 2005, 97, 311-321.	11.0	339
122	The importance of continental margins in the global carbon cycle. Geophysical Research Letters, 2005, 32, .	4.0	338
123	Variability of the Sea Surface Temperature Around Cuba. Gulf of Mexico Science, 2005, 23, .	0.4	9
124	Vertical and temporal variability of redox zonation in the water column of the Cariaco Basin: implications for organic carbon oxidation pathways. Marine Chemistry, 2004, 86, 89-104.	2.3	60
125	Radionuclide fluxes and particle scavenging in Cariaco Basin. Continental Shelf Research, 2004, 24, 1451-1463.	1.8	10
126	Processes of coastal upwelling and carbon flux in the Cariaco Basin. Deep-Sea Research Part II: Topical Studies in Oceanography, 2004, 51, 927-943.	1.4	79

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127	Coastal Ocean Circulation Influences on Remotely Sensed Optical Properties: A West Florida Shelf Case Study. <i>Oceanography</i> , 2004, 17, 68-75.	1.0	24
128	Phytoplankton response to intrusions of slope water on the West Florida Shelf: Models and observations. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	110
129	Dispersal of the Suwannee River plume over the West Florida shelf: Simulation and observation of the optical and biochemical consequences of a flushing event. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	20
130	Seasonal and interannual variation in the hydrography of the Cariaco Basin: implications for basin ventilation. <i>Continental Shelf Research</i> , 2003, 23, 125-144.	1.8	113
131	Biogenic fluxes in the Cariaco Basin: a combined study of sinking particulates and underlying sediments. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2003, 50, 781-807.	1.4	55
132	New evidence for the West Florida Shelf Plume. <i>Continental Shelf Research</i> , 2002, 22, 2479-2496.	1.8	31
133	Annual cycle of primary production in the Cariaco Basin: Response to upwelling and implications for vertical export. <i>Journal of Geophysical Research</i> , 2001, 106, 4527-4542.	3.3	143
134	Chemoautotrophy in the redox transition zone of the Cariaco Basin: A significant midwater source of organic carbon production. <i>Limnology and Oceanography</i> , 2001, 46, 148-163.	3.1	231
135	How precise are SeaWiFS ocean color estimates? Implications of digitization-noise errors. <i>Remote Sensing of Environment</i> , 2001, 76, 239-249.	11.0	119
136	Multispectral in situ measurements of organic matter and chlorophyll fluorescence in seawater: Documenting the intrusion of the Mississippi River plume in the West Florida Shelf. <i>Limnology and Oceanography</i> , 2001, 46, 1836-1843.	3.1	83
137	On the dispersal of riverine colored dissolved organic matter over the West Florida Shelf. <i>Limnology and Oceanography</i> , 2000, 45, 1425-1432.	3.1	132
138	Atmospheric Correction of SeaWiFS Imagery over Turbid Coastal Waters. <i>Remote Sensing of Environment</i> , 2000, 74, 195-206.	11.0	322
139	Near-surface phytoplankton distribution in the western Intra-Americas Sea: The influence of El Niño and weather events. <i>Journal of Geophysical Research</i> , 2000, 105, 14029-14043.	3.3	43
140	Increased marine sediment suspension and fluxes following an earthquake. <i>Nature</i> , 1999, 398, 233-236.	27.8	66
141	Cuban, Mexican, U.S. Researchers probing mysteries of Yucatan Current. <i>Eos</i> , 1999, 80, 153-158.	0.1	11
142	The influence of Loop Current perturbations on the formation and evolution of Tortugas eddies in the southern Straits of Florida. <i>Journal of Geophysical Research</i> , 1998, 103, 24759-24779.	3.3	133
143	An episodic chlorophyll plume on the West Florida Shelf. <i>Continental Shelf Research</i> , 1996, 16, 1201-1224.	1.8	92
144	Ship and satellite observations of chlorophyll stocks in interacting cyclone-anticyclone eddy pairs in the western Gulf of Mexico. <i>Journal of Geophysical Research</i> , 1994, 99, 7371.	3.3	93

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145	On the seasonal phytoplankton concentration and sea surface temperature cycles of the Gulf of Mexico as determined by satellites. <i>Journal of Geophysical Research</i> , 1991, 96, 12645-12665.	3.3	178
146	Integrating Marine Omics into the Marine Biodiversity Observation Network (MBON) in Support of the UN Sustainable Development Goals (SDG) and Agenda 2030. <i>Biodiversity Information Science and Standards</i> , 0, 1, e20521.	0.0	1
147	The Marine Biodiversity Observation Network Plankton Workshops: Plankton Ecosystem Function, Biodiversity, and Forecasting—Research Requirements and Applications. <i>Limnology and Oceanography Bulletin</i> , 0, , .	0.4	1