

Frank E Muller-Karger

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.

136
papers

5,955
citations

44
h-index

73
g-index

170
ext. papers

7,491
ext. citations

5.2
avg, IF

5.58
L-index

#	Paper	IF	Citations
136	Automated high-resolution satellite-derived coastal bathymetry mapping. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022 , 107, 102693	7.3	0
135	Forest Loss is Accelerating Along the US Gulf Coast.. <i>Estuaries and Coasts</i> , 2022 , 45, 913-919	2.8	0
134	Analysis of the wetland classification using optical satellite imagery in the environmental protection area of Guaraquebãba, PR, Brazil. <i>Journal of South American Earth Sciences</i> , 2021 , 112, 103615 ²		0
133	Priority list of biodiversity metrics to observe from space. <i>Nature Ecology and Evolution</i> , 2021 , 5, 896-906 ^{1,2,3}	12.3	30
132	Open Ocean Particle Flux Variability From Surface to Seafloor. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL092895	4.9	2
131	NASA's surface biology and geology designated observable: A perspective on surface imaging algorithms. <i>Remote Sensing of Environment</i> , 2021 , 257, 112349	13.2	37
130	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,	4.5	2
129	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	6.7	2
128	The journey to monitoring ecosystem services: Are we there yet?. <i>Ecosystem Services</i> , 2021 , 50, 101313	6.1	3
127	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
126	Mapping hurricane damage: A comparative analysis of satellite monitoring methods. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020 , 91, 102134	7.3	2
125	Automated High-Resolution Time Series Mapping of Mangrove Forests Damaged by Hurricane Irma in Southwest Florida. <i>Remote Sensing</i> , 2020 , 12, 1740	5	4
124	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 ^{3,8}	3.8	49
123	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	3.7	3
122	Environmental DNA reveals seasonal shifts and potential interactions in a marine community. <i>Nature Communications</i> , 2020 , 11, 254	17.4	66
121	Stakeholder participation in IPBES: connecting local environmental work with global decision making. <i>Ecosystems and People</i> , 2020 , 16, 197-211	4.3	3
120	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

119	Future Vision for Autonomous Ocean Observations. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	18
118	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	3.7	
117	Evaluation of evapotranspiration variations according to soil type using multivariate statistical analysis. <i>Geoderma</i> , 2019 , 355, 113906	6.7	5
116	Coral Reef Monitoring, Reef Assessment Technologies, and Ecosystem-Based Management. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	38
115	ENSO-induced co-variability of Salinity, Plankton Biomass and Coastal Currents in the Northern Gulf of Mexico. <i>Scientific Reports</i> , 2019 , 9, 178	4.9	14
114	Toward a Coordinated Global Observing System for Seagrasses and Marine Macroalgae. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	63
113	Carbon cycling in the North American coastal ocean: a synthesis. <i>Biogeosciences</i> , 2019 , 16, 1281-1304	4.6	24
112	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,	4.5	5
111	Essential biodiversity variables for mapping and monitoring species populations. <i>Nature Ecology and Evolution</i> , 2019 , 3, 539-551	12.3	142
110	Reimagining the potential of Earth observations for ecosystem service assessments. <i>Science of the Total Environment</i> , 2019 , 665, 1053-1063	10.2	20
109	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	2.8	2
108	The Scientific Legacy of the CARIACO Ocean Time-Series Program. <i>Annual Review of Marine Science</i> , 2019 , 11, 413-437	15.4	17
107	Global Observational Needs and Resources for Marine Biodiversity. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	37
106	An introduction to the Oceans and Society: Blue Planet Initiative. <i>Journal of Operational Oceanography</i> , 2019 , 12, S1-S11	2.9	3
105	Examining youth perceptions and social contexts of litter to improve marine debris environmental education. <i>Environmental Education Research</i> , 2019 , 25, 1400-1415	3.1	11
104	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,	3.8	94
103	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	10.5	20
102	Evolving and Sustaining Ocean Best Practices and Standards for the Next Decade. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	38

101	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	2.4	10
100	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	5	7
99	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
98	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	2.2	7
97	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		2
96	Molecular Approaches for an Operational Marine Biodiversity Observation Network 2019 , 613-631		3
95	Challenges for global ocean observation: the need for increased human capacity. <i>Journal of Operational Oceanography</i> , 2019 , 12, S137-S156	2.9	24
94	Enabling efficient, large-scale high-spatial resolution wetland mapping using satellites. <i>Remote Sensing of Environment</i> , 2018 , 208, 189-201	13.2	42
93	Satellite sensor requirements for monitoring essential biodiversity variables of coastal ecosystems 2018 , 28, 749-760		69
92	Essential ocean variables for global sustained observations of biodiversity and ecosystem changes. <i>Global Change Biology</i> , 2018 , 24, 2416	11.4	155
91	Evaluation of marine zooplankton community structure through environmental DNA metabarcoding. <i>Limnology and Oceanography: Methods</i> , 2018 , 16, 209-221	2.6	58
90	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	3.7	35
89	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,	4.5	75
88	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	2.4	15
87	Water Quality Drivers in 11 Gulf of Mexico Estuaries. <i>Remote Sensing</i> , 2018 , 10, 255	5	7
86	Impacts of 40 years of land cover change on water quality in Tampa Bay, Florida. <i>Cogent Geoscience</i> , 2018 , 4, 1422956	0.5	3
85	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	6.5	3
84	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	1.4	22

83	Who Should Pay for Climate Adaptation? Public Attitudes and the Financing of Flood Protection in Florida. <i>Environmental Values</i> , 2018 , 27, 535-557	1.4	6
82	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	0.5	
81	Mapping of Benthic Habitats in Komave, Coral Coast Using WorldView-2 Satellite Imagery. <i>Climate Change Management</i> , 2018 , 337-355	0.6	1
80	Seasonal patterns in phytoplankton biomass across the northern and deep Gulf of Mexico: a numerical model study. <i>Biogeosciences</i> , 2018 , 15, 3561-3576	4.6	24
79	Rapid Coastal Forest Decline in Florida's Big Bend. <i>Remote Sensing</i> , 2018 , 10, 1721	5	7
78	Integrated Observations and Informatics Improve Understanding of Changing Marine Ecosystems. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	12
77	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,	3.5	27
76	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	3.1	10
75	Megaregions among the large marine ecosystems of the Americas. <i>Environmental Development</i> , 2017 , 22, 52-62	4.1	4
74	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	12
73	Satellite Remote Sensing for Coastal Management: A Review of Successful Applications. <i>Environmental Management</i> , 2017 , 60, 323-339	3.1	43
72	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	3.2	14
71	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	9.3	98
70	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	2.7	12
69	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	3.7	8
68	Monitoring biodiversity change through effective global coordination. <i>Current Opinion in Environmental Sustainability</i> , 2017 , 29, 158-169	7.2	83
67	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,	4.6	9
66	Monitoring Ocean Change in the 21st Century. <i>Eos</i> , 2017 ,	1.5	2

65	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
64	A compilation of global bio-optical in situ data for ocean-colour satellite applications. <i>Earth System Science Data</i> , 2016 , 8, 235-252	10.5	46
63	Characterization of Available Light for Seagrass and Patch Reef Productivity in Sugarloaf Key, Lower Florida Keys. <i>Remote Sensing</i> , 2016 , 8, 86	5	4
62	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	5.9	14
61	A spaceborne visible-NIR hyperspectral imager for coastal phenology 2016 ,		1
60	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	1.4	6
59	Phytoplankton adapt to changing ocean environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 5762-6	11.5	76
58	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	7.3	28
57	Natural variability of surface oceanographic conditions in the offshore Gulf of Mexico. <i>Progress in Oceanography</i> , 2015 , 134, 54-76	3.8	84
56	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	2.5	17
55	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	13.2	16
54	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	2.7	33
53	A Framework for a Marine Biodiversity Observing Network Within Changing Continental Shelf Seascapes. <i>Oceanography</i> , 2014 , 27, 18-23	2.3	32
52	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	5	121
51	Assessing climate variability effects on dengue incidence in San Juan, Puerto Rico. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 9409-28	4.6	39
50	Interannual and Subdecadal Variability in the Nutrient Geochemistry of the Cariaco Basin. <i>Oceanography</i> , 2014 , 27, 148-159	2.3	30
49	Satellite Remote Sensing in Support of an Integrated Ocean Observing System. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2013 , 1, 8-18	8.9	24
48	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	2.5	67

47	Biogenic nitrogen gas production at the oxic–anoxic interface in the Cariaco Basin, Venezuela. <i>Biogeosciences</i> , 2013 , 10, 267-279	4.6	14
46	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, 956-65	6.7	65
45	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	2.5	17
44	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, 19315-20	11.5	77
43	Bio-optical characteristics of Cariaco Basin (Caribbean Sea) waters. <i>Continental Shelf Research</i> , 2011 , 31, 582-593	2.4	18
42	Chlorophyll variability in the northeastern Gulf of Mexico. <i>International Journal of Remote Sensing</i> , 2011 , 32, 8373-8391	3.1	20
41	Using the Surface Reflectance MODIS Terra Product to Estimate Turbidity in Tampa Bay, Florida. <i>Remote Sensing</i> , 2010 , 2, 2713-2728	5	40
40	Measuring progress toward global marine conservation targets. <i>Frontiers in Ecology and the Environment</i> , 2010 , 8, 124-129	5.5	31
39	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	2.9	57
38	Building an Automated Integrated Observing System to Detect Sea Surface Temperature Anomaly Events in the Florida Keys. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2009 , 47, 2071-2084	8.1	22
37	Building an Automated Integrated Observing System to Detect Sea Surface Temperature Anomaly Events in the Florida Keys. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2009 , 47, 1607-1620	8.1	11
36	The importance of subsurface nepheloid layers in transport and delivery of sediments to the eastern Cariaco Basin, Venezuela. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009 , 56, 2249-2262	2.5	32
35	Detection of <i>Karenia brevis</i> blooms on the west Florida shelf using in situ backscattering and fluorescence data. <i>Harmful Algae</i> , 2009 , 8, 898-909	5.3	22
34	On the remote monitoring of <i>Karenia brevis</i> blooms of the west Florida shelf. <i>Continental Shelf Research</i> , 2008 , 28, 159-176	2.4	32
33	Particulate organic carbon fluxes along upwelling-dominated continental margins: Rates and mechanisms. <i>Global Biogeochemical Cycles</i> , 2007 , 21,	5.9	86
32	Colored dissolved organic matter in Tampa Bay, Florida. <i>Marine Chemistry</i> , 2007 , 104, 98-109	3.7	91
31	Remote sensing of water clarity in Tampa Bay. <i>Remote Sensing of Environment</i> , 2007 , 109, 249-259	13.2	86
30	Remote sensing of particle backscattering in Chesapeake Bay: A 6-year SeaWiFS retrospective view. <i>Estuarine, Coastal and Shelf Science</i> , 2007 , 73, 792-806	2.9	35

29	The oxygen isotope composition of planktonic foraminifera from the Cariaco Basin, Venezuela: Seasonal and interannual variations. <i>Marine Micropaleontology</i> , 2007 , 62, 180-193	1.7	54
28	Monitoring turbidity in Tampa Bay using MODIS/Aqua 250-m imagery. <i>Remote Sensing of Environment</i> , 2007 , 109, 207-220	13.2	220
27	Hurricanes, submarine groundwater discharge, and Florida's red tides. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	158
26	The importance of continental margins in the global carbon cycle. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	275
25	Red tide detection and tracing using MODIS fluorescence data: A regional example in SW Florida coastal waters. <i>Remote Sensing of Environment</i> , 2005 , 97, 311-321	13.2	264
24	Variability of the Sea Surface Temperature Around Cuba. <i>Gulf of Mexico Science</i> , 2005 , 23,		4
23	Vertical and temporal variability of redox zonation in the water column of the Cariaco Basin: implications for organic carbon oxidation pathways. <i>Marine Chemistry</i> , 2004 , 86, 89-104	3.7	58
22	Radionuclide fluxes and particle scavenging in Cariaco Basin. <i>Continental Shelf Research</i> , 2004 , 24, 1451-1463		9
21	Processes of coastal upwelling and carbon flux in the Cariaco Basin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2004 , 51, 927-943	2.3	67
20	Coastal Ocean Circulation Influences on Remotely Sensed Optical Properties: A West Florida Shelf Case Study. <i>Oceanography</i> , 2004 , 17, 68-75	2.3	21
19	Phytoplankton response to intrusions of slope water on the West Florida Shelf: Models and observations. <i>Journal of Geophysical Research</i> , 2003 , 108,		89
18	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,	4.9	18
17	Seasonal and interannual variation in the hydrography of the Cariaco Basin: implications for basin ventilation. <i>Continental Shelf Research</i> , 2003 , 23, 125-144	2.4	103
16	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	2.5	50
15	New evidence for the West Florida Shelf Plume. <i>Continental Shelf Research</i> , 2002 , 22, 2479-2496	2.4	28
14	How precise are SeaWiFS ocean color estimates? Implications of digitization-noise errors. <i>Remote Sensing of Environment</i> , 2001 , 76, 239-249	13.2	107
13	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	4.8	73
12	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		127

11	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	4.8	188
10	On the dispersal of riverine colored dissolved organic matter over the West Florida Shelf. <i>Limnology and Oceanography</i> , 2000 , 45, 1425-1432	4.8	104
9	Atmospheric Correction of SeaWiFS Imagery over Turbid Coastal Waters. <i>Remote Sensing of Environment</i> , 2000 , 74, 195-206	13.2	255
8	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		34
7	Increased marine sediment suspension and fluxes following an earthquake. <i>Nature</i> , 1999 , 398, 233-236	50.4	58
6	Cuban, Mexican, U.S. Researchers probing mysteries of Yucatan Current. <i>Eos</i> , 1999 , 80, 153-158	1.5	9
5	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		103
4	An episodic chlorophyll plume on the West Florida Shelf. <i>Continental Shelf Research</i> , 1996 , 16, 1201-1224	4.4	82
3	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		59
2	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		137
1	Carbon cycling in the North American coastal ocean: A synthesis		2