

# Carlos M. Duarte

## List of Publications by Citations

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919  
papers

66,073  
citations

113  
h-index

227  
g-index

995  
ext. papers

80,976  
ext. citations

6.1  
avg, IF

8.18  
L-index

#	Paper	IF	Citations
919	Accelerating loss of seagrasses across the globe threatens coastal ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 12377-81	11.5	2255
918	Plumbing the Global Carbon Cycle: Integrating Inland Waters into the Terrestrial Carbon Budget. <i>Ecosystems</i> , <b>2007</b> , 10, 172-185	3.9	2235
917	A Global Crisis for Seagrass Ecosystems. <i>BioScience</i> , <b>2006</b> , 56, 987	5.7	1793
916	A blueprint for blue carbon: toward an improved understanding of the role of vegetated coastal habitats in sequestering CO <sub>2</sub> . <i>Frontiers in Ecology and the Environment</i> , <b>2011</b> , 9, 552-560	5.5	1631
915	Plastic debris in the open ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 10239-44	11.5	1509
914	Impacts of ocean acidification on marine organisms: quantifying sensitivities and interaction with warming. <i>Global Change Biology</i> , <b>2013</b> , 19, 1884-96	11.4	1351
913	Global imprint of climate change on marine life. <i>Nature Climate Change</i> , <b>2013</b> , 3, 919-925	21.4	1141
912	The global abundance and size distribution of lakes, ponds, and impoundments. <i>Limnology and Oceanography</i> , <b>2006</b> , 51, 2388-2397	4.8	1118
911	Thresholds of hypoxia for marine biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 15452-7	11.5	1036
910	Seagrass ecosystems as a globally significant carbon stock. <i>Nature Geoscience</i> , <b>2012</b> , 5, 505-509	18.3	962
909	The role of coastal plant communities for climate change mitigation and adaptation. <i>Nature Climate Change</i> , <b>2013</b> , 3, 961-968	21.4	888
908	The pace of shifting climate in marine and terrestrial ecosystems. <i>Science</i> , <b>2011</b> , 334, 652-5	33.3	852
907	Major role of marine vegetation on the oceanic carbon cycle. <i>Biogeosciences</i> , <b>2005</b> , 2, 1-8	4.6	735
906	The future of seagrass meadows. <i>Environmental Conservation</i> , <b>2002</b> , 29, 192-206	3.3	683
905	Seagrass Ecology <b>2000</b> ,		675
904	Submerged aquatic vegetation in relation to different nutrient regimes. <i>Ophelia</i> , <b>1995</b> , 41, 87-112		667
903	Patterns in decomposition rates among photosynthetic organisms: the importance of detritus C:N:P content. <i>Oecologia</i> , <b>1993</b> , 94, 457-471	2.9	652

902	Seagrass depth limits. <i>Aquatic Botany</i> , <b>1991</b> , 40, 363-377	1.8	574
901	The fate of marine autotrophic production. <i>Limnology and Oceanography</i> , <b>1996</b> , 41, 1758-1766	4.8	527
900	Ecological thresholds and regime shifts: approaches to identification. <i>Trends in Ecology and Evolution</i> , <b>2009</b> , 24, 49-57	10.9	511
899	Footprints of climate change in the Arctic marine ecosystem. <i>Global Change Biology</i> , <b>2011</b> , 17, 1235-1249	11.4	496
898	Standardizing methods to address clonality in population studies. <i>Molecular Ecology</i> , <b>2007</b> , 16, 5115-39	5.7	482
897	Seagrass biomass and production: a reassessment. <i>Aquatic Botany</i> , <b>1999</b> , 65, 159-174	1.8	476
896	Is Ocean Acidification an Open-Ocean Syndrome? Understanding Anthropogenic Impacts on Seawater pH. <i>Estuaries and Coasts</i> , <b>2013</b> , 36, 221-236	2.8	458
895	Nutrient and temperature control of the contribution of picoplankton to phytoplankton biomass and production. <i>Limnology and Oceanography</i> , <b>2000</b> , 45, 591-600	4.8	444
894	Return to Neverland: Shifting Baselines Affect Eutrophication Restoration Targets. <i>Estuaries and Coasts</i> , <b>2009</b> , 32, 29-36	2.8	423
893	Plastic accumulation in the Mediterranean sea. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121762	3.7	412
892	Ecogenomics and potential biogeochemical impacts of globally abundant ocean viruses. <i>Nature</i> , <b>2016</b> , 537, 689-693	50.4	400
891	Respiration in the open ocean. <i>Nature</i> , <b>2002</b> , 420, 379-84	50.4	398
890	Large mesopelagic fishes biomass and trophic efficiency in the open ocean. <i>Nature Communications</i> , <b>2014</b> , 5, 3271	17.4	363
889	Seagrass sediments as a global carbon sink: Isotopic constraints. <i>Global Biogeochemical Cycles</i> , <b>2010</b> , 24, n/a-n/a	5.9	347
888	Geographical limits to species-range shifts are suggested by climate velocity. <i>Nature</i> , <b>2014</b> , 507, 492-5	50.4	343
887	Vulnerability of marine biodiversity to ocean acidification: A meta-analysis. <i>Estuarine, Coastal and Shelf Science</i> , <b>2010</b> , 86, 157-164	2.9	338
886	Substantial role of macroalgae in marine carbon sequestration. <i>Nature Geoscience</i> , <b>2016</b> , 9, 737-742	18.3	311
885	The Charisma of Coastal Ecosystems: Addressing the Imbalance. <i>Estuaries and Coasts</i> , <b>2008</b> , 31, 233-238	2.8	308

884	Sediment organic carbon burial in agriculturally eutrophic impoundments over the last century. <i>Global Biogeochemical Cycles</i> , <b>2008</b> , 22, n/a-n/a	5.9	306
883	Sediment Retention by a Mediterranean <i>Posidonia oceanica</i> Meadow: The Balance between Deposition and Resuspension. <i>Estuarine, Coastal and Shelf Science</i> , <b>2001</b> , 52, 505-514	2.9	305
882	The Arctic Ocean as a dead end for floating plastics in the North Atlantic branch of the Thermohaline Circulation. <i>Science Advances</i> , <b>2017</b> , 3, e1600582	14.3	298
881	Microbial oceanography of the dark ocean's pelagic realm. <i>Limnology and Oceanography</i> , <b>2009</b> , 54, 1501-1529	15.29	293
880	Key Questions in Marine Megafauna Movement Ecology. <i>Trends in Ecology and Evolution</i> , <b>2016</b> , 31, 463-475	15.9	292
879	Seagrass community metabolism: Assessing the carbon sink capacity of seagrass meadows. <i>Global Biogeochemical Cycles</i> , <b>2010</b> , 24, n/a-n/a	5.9	289
878	Recurrent jellyfish blooms are a consequence of global oscillations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 1000-5	11.5	286
877	Marine reserves can mitigate and promote adaptation to climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 6167-6175	11.5	282
876	Mediterranean warming triggers seagrass ( <i>Posidonia oceanica</i> ) shoot mortality. <i>Global Change Biology</i> , <b>2009</b> , 16, 2366-2375	11.4	278
875	The genome of the seagrass <i>Zostera marina</i> reveals angiosperm adaptation to the sea. <i>Nature</i> , <b>2016</b> , 530, 331-5	50.4	276
874	Global patterns in mangrove soil carbon stocks and losses. <i>Nature Climate Change</i> , <b>2017</b> , 7, 523-528	21.4	276
873	Rebuilding marine life. <i>Nature</i> , <b>2020</b> , 580, 39-51	50.4	262
872	Nutrient concentration of aquatic plants: Patterns across species. <i>Limnology and Oceanography</i> , <b>1992</b> , 37, 882-889	4.8	260
871	Rhizome elongation and seagrass clonal growth. <i>Marine Ecology - Progress Series</i> , <b>1998</b> , 174, 269-280	2.6	258
870	Prevalence of Heterotrophy and Atmospheric CO2 Emissions from Aquatic Ecosystems. <i>Ecosystems</i> , <b>2005</b> , 8, 862-870	3.9	240
869	Biomass distribution in marine planktonic communities. <i>Limnology and Oceanography</i> , <b>1997</b> , 42, 1353-1363	13.3	232
868	Trophic Transfers from Seagrass Meadows Subsidize Diverse Marine and Terrestrial Consumers. <i>Ecosystems</i> , <b>2008</b> , 11, 1198-1210	3.9	232
867	Will the Oceans Help Feed Humanity?. <i>BioScience</i> , <b>2009</b> , 59, 967-976	5.7	227

866	COVID-19 lockdown allows researchers to quantify the effects of human activity on wildlife. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 1156-1159	12.3	225
865	Marine biodiversity and ecosystem services: an elusive link. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2000</b> , 250, 117-131	2.1	223
864	An approach to measurement of particle flux and sediment retention within seagrass ( <i>Posidonia oceanica</i> ) meadows. <i>Aquatic Botany</i> , <b>1999</b> , 65, 255-268	1.8	218
863	Global analysis of seagrass restoration: the importance of large-scale planting. <i>Journal of Applied Ecology</i> , <b>2016</b> , 53, 567-578	5.8	218
862	Mediterranean seagrass vulnerable to regional climate warming. <i>Nature Climate Change</i> , <b>2012</b> , 2, 821-824	11.4	206
861	Associations of concern: declining seagrasses and threatened dependent species. <i>Frontiers in Ecology and the Environment</i> , <b>2009</b> , 7, 242-246	5.5	205
860	Questioning the Rise of Gelatinous Zooplankton in the World's Oceans. <i>BioScience</i> , <b>2012</b> , 62, 160-169	5.7	203
859	The CO2 balance of unproductive aquatic ecosystems. <i>Science</i> , <b>1998</b> , 281, 234-6	33.3	197
858	Global abundance and size distribution of streams and rivers. <i>Inland Waters</i> , <b>2012</b> , 2, 229-236	2.4	195
857	Ecology. Rapid domestication of marine species. <i>Science</i> , <b>2007</b> , 316, 382-3	33.3	194
856	Is global ocean sprawl a cause of jellyfish blooms?. <i>Frontiers in Ecology and the Environment</i> , <b>2013</b> , 11, 91-97	5.5	189
855	Growth and population dynamics of <i>Posidonia oceanica</i> on the Spanish Mediterranean coast: elucidating seagrass decline. <i>Marine Ecology - Progress Series</i> , <b>1996</b> , 137, 203-213	2.6	186
854	Are seagrass growth and survival constrained by the reducing conditions of the sediment?. <i>Aquatic Botany</i> , <b>1999</b> , 65, 175-197	1.8	182
853	Atmospheric deposition of organic and black carbon to the global oceans. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 7931-7939	5.3	180
852	Annual Zooplankton Succession in Coastal NW Mediterranean Waters: The Importance of the Smaller Size Fractions. <i>Journal of Plankton Research</i> , <b>2001</b> , 23, 319-331	2.2	180
851	Ecosystem thresholds with hypoxia. <i>Hydrobiologia</i> , <b>2009</b> , 629, 21-29	2.4	175
850	A marine heatwave drives massive losses from the world's largest seagrass carbon stocks. <i>Nature Climate Change</i> , <b>2018</b> , 8, 338-344	21.4	174
849	Experimental assessment and modeling evaluation of the effects of the seagrass <i>Posidonia oceanica</i> on flow and particle trapping. <i>Marine Ecology - Progress Series</i> , <b>2008</b> , 356, 163-173	2.6	174

848	Can Seaweed Farming Play a Role in Climate Change Mitigation and Adaptation?. <i>Frontiers in Marine Science</i> , <b>2017</b> , 4,	4.5	171
847	Assessing the capacity of seagrass meadows for carbon burial: Current limitations and future strategies. <i>Ocean and Coastal Management</i> , <b>2013</b> , 83, 32-38	3.9	170
846	The future of Blue Carbon science. <i>Nature Communications</i> , <b>2019</b> , 10, 3998	17.4	165
845	Light availability in the coastal ocean: impact on the distribution of benthic photosynthetic organisms and their contribution to primary production. <i>Biogeosciences</i> , <b>2006</b> , 3, 489-513	4.6	164
844	To produce many small or few large eggs: a size-independent reproductive tactic of fish. <i>Oecologia</i> , <b>1989</b> , 80, 401-404	2.9	163
843	Unifying Nutrient-Chlorophyll Relationships in Lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>1989</b> , 46, 1176-1182	2.4	159
842	Ocean chemistry. Dilution limits dissolved organic carbon utilization in the deep ocean. <i>Science</i> , <b>2015</b> , 348, 331-3	33.3	156
841	Littoral slope as a predictor of the maximum biomass of submerged macrophyte communities <sup>1,1</sup> . <i>Limnology and Oceanography</i> , <b>1986</b> , 31, 1072-1080	4.8	155
840	Photosynthetic activity buffers ocean acidification in seagrass meadows. <i>Biogeosciences</i> , <b>2014</b> , 11, 333-346	4.6	151
839	Carbon and nutrient deposition in a Mediterranean seagrass ( <i>Posidonia oceanica</i> ) meadow. <i>Limnology and Oceanography</i> , <b>2002</b> , 47, 23-32	4.8	151
838	Temperature effects on oxygen thresholds for hypoxia in marine benthic organisms. <i>Global Change Biology</i> , <b>2011</b> , 17, 1788-1797	11.4	150
837	Genetic structure at range edge: low diversity and high inbreeding in Southeast Asian mangrove ( <i>Avicennia marina</i> ) populations. <i>Molecular Ecology</i> , <b>2006</b> , 15, 3515-25	5.7	147
836	The impact of sediment burial and erosion on seagrasses: A review. <i>Estuarine, Coastal and Shelf Science</i> , <b>2008</b> , 79, 354-366	2.9	146
835	Oxygen dynamics in the rhizosphere of <i>Cymodocea rotundata</i> . <i>Marine Ecology - Progress Series</i> , <b>1998</b> , 169, 283-288	2.6	141
834	Impact of seagrass loss and subsequent revegetation on carbon sequestration and stocks. <i>Journal of Ecology</i> , <b>2015</b> , 103, 296-302	6	138
833	Implications of extreme life span in clonal organisms: millenary clones in meadows of the threatened seagrass <i>Posidonia oceanica</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e30454	3.7	137
832	Beyond climate change attribution in conservation and ecological research. <i>Ecology Letters</i> , <b>2013</b> , 16 Suppl 1, 58-71	10	137
831	Assessing genetic diversity in clonal organisms: low diversity or low resolution? Combining power and cost efficiency in selecting markers. <i>Journal of Heredity</i> , <b>2005</b> , 96, 434-40	2.4	137

830	Ocean Solutions to Address Climate Change and Its Effects on Marine Ecosystems. <i>Frontiers in Marine Science</i> , <b>2018</b> , 5,	4.5	136
829	Translating Marine Animal Tracking Data into Conservation Policy and Management. <i>Trends in Ecology and Evolution</i> , <b>2019</b> , 34, 459-473	10.9	132
828	Global spatial risk assessment of sharks under the footprint of fisheries. <i>Nature</i> , <b>2019</b> , 572, 461-466	50.4	128
827	Vicariance patterns in the Mediterranean Sea: east-west cleavage and low dispersal in the endemic seagrass <i>Posidonia oceanica</i> . <i>Journal of Biogeography</i> , <b>2007</b> , 34, 963-976	4.1	128
826	Paradigms in the Recovery of Estuarine and Coastal Ecosystems. <i>Estuaries and Coasts</i> , <b>2015</b> , 38, 1202-1212	12	126
825	Restarting the conversation: challenges at the interface between ecology and society. <i>Frontiers in Ecology and the Environment</i> , <b>2010</b> , 8, 284-291	5.5	125
824	Bacterioplankton community structure: Protists control net production and the proportion of active bacteria in a coastal marine community. <i>Limnology and Oceanography</i> , <b>1996</b> , 41, 1169-1179	4.8	125
823	Carbon and nitrogen translocation between seagrass ramets. <i>Marine Ecology - Progress Series</i> , <b>2002</b> , 226, 287-300	2.6	125
822	Mangrove forests as traps for marine litter. <i>Environmental Pollution</i> , <b>2019</b> , 247, 499-508	9.3	124
821	Dimensions of Blue Carbon and emerging perspectives. <i>Biology Letters</i> , <b>2019</b> , 15, 20180781	3.6	123
820	Maritime aerosol network as a component of AERONET ¶first results and comparison with global aerosol models and satellite retrievals. <i>Atmospheric Measurement Techniques</i> , <b>2011</b> , 4, 583-597	4	121
819	Effects of fish farm waste on <i>Posidonia oceanica</i> meadows: synthesis and provision of monitoring and management tools. <i>Marine Pollution Bulletin</i> , <b>2008</b> , 56, 1618-29	6.7	121
818	Network analysis identifies weak and strong links in a metapopulation system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 18824-9	11.5	121
817	Reviews and syntheses: Hidden forests, the role of vegetated coastal habitats in the ocean carbon budget. <i>Biogeosciences</i> , <b>2017</b> , 14, 301-310	4.6	120
816	Growth patterns of Western Mediterranean seagrasses: species-specific responses to seasonal forcing. <i>Marine Ecology - Progress Series</i> , <b>1996</b> , 133, 203-215	2.6	120
815	Public awareness, concerns, and priorities about anthropogenic impacts on marine environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 15042-7	11.5	119
814	Changes in Community Structure and Biomass of Seagrass Communities along Gradients of Siltation in SE Asia. <i>Estuarine, Coastal and Shelf Science</i> , <b>1998</b> , 46, 757-768	2.9	119
813	Allometric scaling of plant life history. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 15777-80	11.5	119

812	Recent trend reversal for declining European seagrass meadows. <i>Nature Communications</i> , <b>2019</b> , 10, 3356-3364	7.4	118
811	Ubiquitous healthy diatoms in the deep sea confirm deep carbon injection by the biological pump. <i>Nature Communications</i> , <b>2015</b> , 6, 7608	17.4	116
810	Mediterranean seagrass ( <i>Posidonia oceanica</i> ) loss between 1842 and 2009. <i>Biological Conservation</i> , <b>2014</b> , 176, 183-190	6.2	115
809	Coupling of Seagrass ( <i>Cymodocea Nodosa</i> ) Patch Dynamics to Subaqueous dune Migration. <i>Journal of Ecology</i> , <b>1995</b> , 83, 381	6	113
808	Ecological and methodological drivers of species' distribution and phenology responses to climate change. <i>Global Change Biology</i> , <b>2016</b> , 22, 1548-60	11.4	113
807	The soundscape of the Anthropocene ocean. <i>Science</i> , <b>2021</b> , 371,	33.3	113
806	Global diversity and biogeography of deep-sea pelagic prokaryotes. <i>ISME Journal</i> , <b>2016</b> , 10, 596-608	11.9	112
805	Depth-acclimation of photosynthesis, morphology and demography of <i>Posidonia oceanica</i> and <i>Cymodocea nodosa</i> in the Spanish Mediterranean Sea. <i>Marine Ecology - Progress Series</i> , <b>2002</b> , 236, 89-97	2.6	112
804	Consequences of Mediterranean warming events in seagrass ( <i>Posidonia oceanica</i> ) flowering records. <i>Global Change Biology</i> , <b>2007</b> , 13, 224-235	11.4	111
803	Experimental evidence of reduced particle resuspension within a seagrass ( <i>Posidonia oceanica</i> L.) meadow. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2000</b> , 243, 45-53	2.1	111
802	COVID-19 pandemic and associated lockdown as a "Global Human Confinement Experiment" to investigate biodiversity conservation. <i>Biological Conservation</i> , <b>2020</b> , 248, 108665	6.2	110
801	Within-population spatial genetic structure, neighbourhood size and clonal subrange in the seagrass <i>Cymodocea nodosa</i> . <i>Molecular Ecology</i> , <b>2005</b> , 14, 2669-81	5.7	107
800	Meadow maintenance, growth and productivity of a mixed Philippine seagrass bed. <i>Marine Ecology - Progress Series</i> , <b>1995</b> , 124, 215-225	2.6	107
799	Response of a mixed Philippine seagrass meadow to experimental burial. <i>Marine Ecology - Progress Series</i> , <b>1997</b> , 147, 285-294	2.6	107
798	Growth and abundance of <i>Synechococcus</i> sp. in a Mediterranean Bay: seasonality and relationship with temperature. <i>Marine Ecology - Progress Series</i> , <b>1998</b> , 170, 45-53	2.6	107
797	Microplastic in the gastrointestinal tract of fishes along the Saudi Arabian Red Sea coast. <i>Marine Pollution Bulletin</i> , <b>2018</b> , 131, 407-415	6.7	106
796	Quantitative approaches in climate change ecology. <i>Global Change Biology</i> , <b>2011</b> , 17, 3697-3713	11.4	106
795	Sedimentation of organic matter from fish farms in oligotrophic Mediterranean assessed through bulk and stable isotope ( $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ ) analyses. <i>Aquaculture</i> , <b>2007</b> , 262, 268-280	4.4	106

794	Active versus inactive bacteria:size-dependence in a coastal marine plankton community. <i>Marine Ecology - Progress Series</i> , <b>1995</b> , 128, 91-97	2.6	106
793	Root production and belowground seagrass biomass. <i>Marine Ecology - Progress Series</i> , <b>1998</b> , 171, 97-108	2.6	105
792	Global challenges for seagrass conservation. <i>Ambio</i> , <b>2019</b> , 48, 801-815	6.5	104
791	Large variability of bathypelagic microbial eukaryotic communities across the world's oceans. <i>ISME Journal</i> , <b>2016</b> , 10, 945-58	11.9	103
790	Temperature dependence of planktonic metabolism in the ocean. <i>Global Biogeochemical Cycles</i> , <b>2012</b> , 26, n/a-n/a	5.9	103
789	Growth plasticity in <i>Cymodocea nodosa</i> stands: the importance of nutrient supply. <i>Aquatic Botany</i> , <b>1994</b> , 47, 249-264	1.8	103
788	Patterns in Biomass and Cover of Aquatic Macrophytes in Lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>1986</b> , 43, 1900-1908	2.4	103
787	A quantitative assessment of Arctic shipping in 2010-2014. <i>Scientific Reports</i> , <b>2016</b> , 6, 30682	4.9	103
786	Scaling Maximum Growth Rates Across Photosynthetic Organisms. <i>Functional Ecology</i> , <b>1996</b> , 10, 167	5.6	102
785	Sediment deposition and production in SE-Asia seagrass meadows. <i>Estuarine, Coastal and Shelf Science</i> , <b>2003</b> , 56, 909-919	2.9	102
784	Assessing the risk of carbon dioxide emissions from blue carbon ecosystems. <i>Frontiers in Ecology and the Environment</i> , <b>2017</b> , 15, 257-265	5.5	100
783	The oligotrophic ocean is heterotrophic. <i>Annual Review of Marine Science</i> , <b>2013</b> , 5, 551-69	15.4	99
782	Connecting the dots: responses of coastal ecosystems to changing nutrient concentrations. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 9122-32	10.3	99
781	Decadal trends in Red Sea maximum surface temperature. <i>Scientific Reports</i> , <b>2017</b> , 7, 8144	4.9	98
780	Organic carbon sources to SE Asian coastal sediments. <i>Estuarine, Coastal and Shelf Science</i> , <b>2004</b> , 60, 59-68	2.9	98
779	Footprints of climate change on Mediterranean Sea biota. <i>Frontiers in Marine Science</i> , <b>2015</b> , 2,	4.5	97
778	Evidence of direct particle trapping by a tropical seagrass meadow. <i>Estuaries and Coasts</i> , <b>2002</b> , 25, 1205-1209		97
777	Some aspects of the analysis of size spectra in aquatic ecology. <i>Limnology and Oceanography</i> , <b>1997</b> , 42, 184-192	4.8	96

776	Flow and particle distributions in a nearshore seagrass meadow before and after a storm. <i>Marine Ecology - Progress Series</i> , <b>2001</b> , 218, 95-106	2.6	96
775	What lies underneath: conserving the oceans' genetic resources. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 18318-24	11.5	95
774	Sulfide exposure accelerates hypoxia-driven mortality. <i>Limnology and Oceanography</i> , <b>2010</b> , 55, 1075-1082	4.8	95
773	Comparative analyses in aquatic microbial ecology: how far do they go?. <i>FEMS Microbiology Ecology</i> , <b>2000</b> , 31, 99-106	4.3	95
772	Nutrient limitation of Philippine seagrasses (Cape Bolinao, NW Philippines): in situ experimental evidence. <i>Marine Ecology - Progress Series</i> , <b>1996</b> , 138, 233-243	2.6	95
771	Export from Seagrass Meadows Contributes to Marine Carbon Sequestration. <i>Frontiers in Marine Science</i> , <b>2017</b> , 4,	4.5	94
770	Patterns in leaf herbivory on seagrasses. <i>Aquatic Botany</i> , <b>1998</b> , 60, 67-82	1.8	94
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158	Ecogenomics and biogeochemical impacts of uncultivated globally abundant ocean viruses		5
157	Rapid Evolution of Plastic-degrading Enzymes Prevalent in the Global Ocean		5
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36	Impacts of UV radiation on plankton community metabolism along the Humboldt Current System		1
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