

# Nuria Marbã

## List of Publications by Year in descending order

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Version: 2024-02-01

201  
papers

18,884  
citations

12330

69  
h-index

13771

129  
g-index

212  
all docs

212  
docs citations

212  
times ranked

12131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seagrass ecosystems as a globally significant carbon stock. <i>Nature Geoscience</i> , 2012, 5, 505-509.	12.9	1,406
2	The role of coastal plant communities for climate change mitigation and adaptation. <i>Nature Climate Change</i> , 2013, 3, 961-968.	18.8	1,369
3	Estimating Global "Blue Carbon" Emissions from Conversion and Degradation of Vegetated Coastal Ecosystems. <i>PLoS ONE</i> , 2012, 7, e43542.	2.5	1,082
4	Seagrass sediments as a global carbon sink: Isotopic constraints. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	4.9	495
5	Mediterranean warming triggers seagrass ( <i>Posidonia oceanica</i> ) shoot mortality. <i>Global Change Biology</i> , 2010, 16, 2366-2375.	9.5	424
6	Seagrass community metabolism: Assessing the carbon sink capacity of seagrass meadows. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	4.9	412
7	The future of Blue Carbon science. <i>Nature Communications</i> , 2019, 10, 3998.	12.8	406
8	Global analysis of seagrass restoration: the importance of large-scale planting. <i>Journal of Applied Ecology</i> , 2016, 53, 567-578.	4.0	348
9	Rhizome elongation and seagrass clonal growth. <i>Marine Ecology - Progress Series</i> , 1998, 174, 269-280.	1.9	324
10	A marine heatwave drives massive losses from the world's largest seagrass carbon stocks. <i>Nature Climate Change</i> , 2018, 8, 338-344.	18.8	318
11	Will the Oceans Help Feed Humanity?. <i>BioScience</i> , 2009, 59, 967-976.	4.9	305
12	Mediterranean seagrass vulnerable to regional climate warming. <i>Nature Climate Change</i> , 2012, 2, 821-824.	18.8	282
13	Assessing the capacity of seagrass meadows for carbon burial: Current limitations and future strategies. <i>Ocean and Coastal Management</i> , 2013, 83, 32-38.	4.4	264
14	ECOLOGY: Rapid Domestication of Marine Species. <i>Science</i> , 2007, 316, 382-383.	12.6	242
15	Recent trend reversal for declining European seagrass meadows. <i>Nature Communications</i> , 2019, 10, 3356.	12.8	227
16	Growth and population dynamics of <i>Posidonia oceanica</i> on the Spanish Mediterranean coast: elucidating seagrass decline. <i>Marine Ecology - Progress Series</i> , 1996, 137, 203-213.	1.9	222
17	Sequestration of macroalgal carbon: the elephant in the Blue Carbon room. <i>Biology Letters</i> , 2018, 14, 20180236.	2.3	222
18	Impact of seagrass loss and subsequent revegetation on carbon sequestration and stocks. <i>Journal of Ecology</i> , 2015, 103, 296-302.	4.0	199

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19	Implications of Extreme Life Span in Clonal Organisms: Millenary Clones in Meadows of the Threatened Seagrass <i>Posidonia oceanica</i> . PLoS ONE, 2012, 7, e30454.	2.5	195
20	Reconstruction of seagrass dynamics: age determinations and associated tools for the seagrass ecologist. Marine Ecology - Progress Series, 1994, 107, 195-209.	1.9	173
21	Mediterranean seagrass ( <i>Posidonia oceanica</i> ) loss between 1842 and 2009. Biological Conservation, 2014, 176, 183-190.	4.1	166
22	Carbon and nitrogen translocation between seagrass ramets. Marine Ecology - Progress Series, 2002, 226, 287-300.	1.9	159
23	Consequences of Mediterranean warming events in seagrass ( <i>Posidonia oceanica</i> ) flowering records. Global Change Biology, 2007, 13, 224-235.	9.5	157
24	Paradigms in the Recovery of Estuarine and Coastal Ecosystems. Estuaries and Coasts, 2015, 38, 1202-1212.	2.2	154
25	Australian vegetated coastal ecosystems as global hotspots for climate change mitigation. Nature Communications, 2019, 10, 4313.	12.8	150
26	Growth patterns of Western Mediterranean seagrasses: species-specific responses to seasonal forcing. Marine Ecology - Progress Series, 1996, 133, 203-215.	1.9	147
27	Footprints of climate change on Mediterranean Sea biota. Frontiers in Marine Science, 2015, 2, .	2.5	145
28	Habitat characteristics provide insights of carbon storage in seagrass meadows. Marine Pollution Bulletin, 2018, 134, 106-117.	5.0	145
29	Marine heatwaves drive recurrent mass mortalities in the Mediterranean Sea. Global Change Biology, 2022, 28, 5708-5725.	9.5	144
30	Effects of fish farm waste on <i>Posidonia oceanica</i> meadows: Synthesis and provision of monitoring and management tools. Marine Pollution Bulletin, 2008, 56, 1618-1629.	5.0	142
31	Coupling of Seagrass ( <i>Cymodocea Nodosa</i> ) Patch Dynamics to Subaqueous dune Migration. Journal of Ecology, 1995, 83, 381.	4.0	140
32	Meadow maintenance, growth and productivity of a mixed Philippine seagrass bed. Marine Ecology - Progress Series, 1995, 124, 215-225.	1.9	139
33	Allometric scaling of plant life history. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15777-15780.	7.1	136
34	Root production and belowground seagrass biomass. Marine Ecology - Progress Series, 1998, 171, 97-108.	1.9	129
35	Sulfur cycling and seagrass ( <i>Posidonia oceanica</i> ) status in carbonate sediments. Biogeochemistry, 2003, 66, 223-239.	3.5	128
36	Global ecological impacts of marine exotic species. Nature Ecology and Evolution, 2019, 3, 787-800.	7.8	128

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37	Leaf nutrient resorption, leaf lifespan and the retention of nutrients in seagrass systems. <i>Aquatic Botany</i> , 1999, 65, 141-158.	1.6	127
38	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> , 2007, 262, 268-280.	3.5	123
39	Sediment deposition and production in SE-Asia seagrass meadows. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 56, 909-919.	2.1	121
40	Reviews and syntheses: $^{210}\text{Pb}$ -derived sediment and carbon accumulation rates in vegetated coastal ecosystems “setting the record straight”. <i>Biogeosciences</i> , 2018, 15, 6791-6818.	3.3	121
41	Response of seagrass indicators to shifts in environmental stressors: A global review and management synthesis. <i>Ecological Indicators</i> , 2016, 63, 310-323.	6.3	120
42	Integrating within-species variation in thermal physiology into climate change ecology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180550.	4.0	118
43	Connecting the Dots: Responses of Coastal Ecosystems to Changing Nutrient Concentrations. <i>Environmental Science &amp; Technology</i> , 2011, 45, 9122-9132.	10.0	113
44	Seasonal sea ice cover as principal driver of spatial and temporal variation in depth extension and annual production of kelp in Greenland. <i>Global Change Biology</i> , 2012, 18, 2981-2994.	9.5	113
45	Food supply confers calcifiers resistance to ocean acidification. <i>Scientific Reports</i> , 2016, 6, 19374.	3.3	112
46	Diversity of European seagrass indicators: patterns within and across regions. <i>Hydrobiologia</i> , 2013, 704, 265-278.	2.0	110
47	Pathways to bridge the biophysical realism gap in ecosystem services mapping approaches. <i>Ecological Indicators</i> , 2017, 74, 241-260.	6.3	110
48	Effectiveness of protection of seagrass ( <i>Posidonia oceanica</i> ) populations in Cabrera National Park (Spain). <i>Environmental Conservation</i> , 2002, 29, 509-518.	1.3	105
49	Role of carbonate burial in Blue Carbon budgets. <i>Nature Communications</i> , 2019, 10, 1106.	12.8	105
50	Seagrass meadows as a globally significant carbonate reservoir. <i>Biogeosciences</i> , 2015, 12, 4993-5003.	3.3	104
51	Impacts of milkfish ( <i>Chanos chanos</i> ) aquaculture on carbon and nutrient fluxes in the Bolinao area, Philippines. <i>Marine Pollution Bulletin</i> , 2002, 44, 685-696.	5.0	103
52	Implications of conserving an ecosystem modifier: Increasing green turtle ( <i>Chelonia mydas</i> ) densities substantially alters seagrass meadows. <i>Biological Conservation</i> , 2010, 143, 2730-2738.	4.1	99
53	Submerged macrophyte seed bank in a Mediterranean temporary marsh: abundance and relationship with established vegetation. <i>Oecologia</i> , 1993, 94, 1-6.	2.0	93
54	The relationship between seagrass ( <i>Posidonia oceanica</i> ) decline and sulfide porewater concentration in carbonate sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 73, 583-588.	2.1	93

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55	Magnitude and fate of the production of four co-occurring Western Mediterranean seagrass species. <i>Marine Ecology - Progress Series</i> , 1997, 155, 29-44.	1.9	92
56	Tipping Elements in the Arctic Marine Ecosystem. <i>Ambio</i> , 2012, 41, 44-55.	5.5	91
57	Changing Paradigms in Seagrass Restoration. <i>Restoration Ecology</i> , 2012, 20, 427-430.	2.9	89
58	Growth response of the seagrass <i>Cymodocea nodosa</i> to experimental burial and erosion. <i>Marine Ecology - Progress Series</i> , 1994, 107, 307-311.	1.9	88
59	Interannual changes in seagrass ( <i>Posidonia oceanica</i> ) growth and environmental change in the Spanish Mediterranean littoral zone. <i>Limnology and Oceanography</i> , 1997, 42, 800-810.	3.1	86
60	Direct evidence of imbalanced seagrass ( <i>Posidonia oceanica</i> ) shoot population dynamics in the Spanish Mediterranean. <i>Estuaries and Coasts</i> , 2005, 28, 53-62.	1.7	85
61	Recolonization dynamics in a mixed seagrass meadow: The role of clonal versus sexual processes. <i>Estuaries and Coasts</i> , 2004, 27, 770-780.	1.7	84
62	Nonlinear processes in seagrass colonisation explained by simple clonal growth rules. <i>Oikos</i> , 2005, 108, 165-175.	2.7	82
63	Biomass and dynamics of <i>Thalassia testudinum</i> in the Mexican Caribbean: elucidating rhizome growth. <i>Marine Ecology - Progress Series</i> , 1993, 95, 185-192.	1.9	81
64	Testing the predictive power of seagrass depth limit models. <i>Estuaries and Coasts</i> , 2007, 30, 652-656.	2.2	80
65	Patterns of seagrass ( <i>Posidonia oceanica</i> ) flowering in the Western Mediterranean. <i>Marine Biology</i> , 2006, 148, 723-742.	1.5	76
66	Growth patterns and demography of pioneer Caribbean seagrasses <i>Halodule wrightii</i> and <i>Syringodium filiforme</i> . <i>Marine Ecology - Progress Series</i> , 1994, 109, 99-104.	1.9	76
67	Seagrass ( <i>Posidonia oceanica</i> ) vertical growth as an early indicator of fish farm-derived stress. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 67, 475-483.	2.1	74
68	Herbivory on <i>Posidonia oceanica</i> : magnitude and variability in the Spanish Mediterranean. <i>Marine Ecology - Progress Series</i> , 1996, 130, 147-155.	1.9	74
69	Deterioration of Sediment Quality in Seagrass Meadows ( <i>Posidonia oceanica</i> ) Invaded by Macroalgae ( <i>Caulerpa</i> sp.). <i>Estuaries and Coasts</i> , 2009, 32, 456-466.	2.2	73
70	Current state of seagrass ecosystem services: Research and policy integration. <i>Ocean and Coastal Management</i> , 2017, 149, 107-115.	4.4	73
71	Growth, flowering, and population dynamics of temperate Western Australian seagrasses. <i>Marine Ecology - Progress Series</i> , 1999, 184, 105-118.	1.9	71
72	Assessing the CO <sub>2</sub> capture potential of seagrass restoration projects. <i>Journal of Applied Ecology</i> , 2013, 50, 1341-1349.	4.0	68

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73	Clonality in seagrasses, emergent properties and seagrass landscapes. <i>Marine Ecology - Progress Series</i> , 2005, 290, 291-296.	1.9	68
74	Mediterranean Seagrass Growth and Demography Responses to Experimental Warming. <i>Estuaries and Coasts</i> , 2012, 35, 1205-1213.	2.2	67
75	Effect of environmental factors (wave exposure and depth) and anthropogenic pressure in the C sink capacity of <i>Posidonia oceanica</i> meadows. <i>Limnology and Oceanography</i> , 2017, 62, 1436-1450.	3.1	66
76	Migration of large-scale subaqueous bedforms measured with seagrasses ( <i>Cymodocea nodosa</i> ) as tracers. <i>Limnology and Oceanography</i> , 1994, 39, 126-133.	3.1	65
77	Long photoperiods sustain high pH in Arctic kelp forests. <i>Science Advances</i> , 2016, 2, e1501938.	10.3	63
78	Uncertainty of detecting sea change. <i>Nature</i> , 1992, 356, 190-190.	27.8	61
79	Glacial vicariance drives phylogeographic diversification in the amphi-boreal kelp <i>Saccharina latissima</i> . <i>Scientific Reports</i> , 2018, 8, 1112.	3.3	61
80	Flowering of <i>Thalassia testudinum</i> banks ex situ in the Mexican Caribbean: age-dependence and interannual variability. <i>Aquatic Botany</i> , 1992, 43, 249-255.	1.6	60
81	GENOMIC DNA ISOLATION FROM GREEN AND BROWN ALGAE (CAULERPALLES AND FLICALES) FOR MICROSATELLITE LIBRARY CONSTRUCTION. <i>Journal of Phycology</i> , 2006, 42, 741-745.	2.3	60
82	Benthic input rates predict seagrass ( <i>Posidonia oceanica</i> ) fish farm-induced decline. <i>Marine Pollution Bulletin</i> , 2008, 56, 1332-1342.	5.0	60
83	Opportunities for blue carbon strategies in China. <i>Ocean and Coastal Management</i> , 2020, 194, 105241.	4.4	60
84	Fairy circle landscapes under the sea. <i>Science Advances</i> , 2017, 3, e1603262.	10.3	60
85	Eelgrass <i>Zostera marina</i> in subarctic Greenland: dense meadows with slow biomass turnover in cold waters. <i>Marine Ecology - Progress Series</i> , 2015, 518, 107-121.	1.9	60
86	Seasonal dynamics of <i>Posidonia oceanica</i> in Magalluf Bay (Mallorca, Spain): Temperature effects on seagrass mortality. <i>Limnology and Oceanography</i> , 2009, 54, 2170-2182.	3.1	59
87	Macroalgae contribute to nested mosaics of pH variability in a subarctic fjord. <i>Biogeosciences</i> , 2015, 12, 4895-4911.	3.3	59
88	The Response of Experimental Rocky Shore Communities to Nutrient Additions. <i>Ecosystems</i> , 2003, 6, 577-594.	3.4	58
89	Spatial and temporal variation in the elemental and stable isotopic content of the seagrasses <i>Posidonia oceanica</i> and <i>Cymodocea nodosa</i> from the Illes Balears, Spain. <i>Marine Biology</i> , 2007, 151, 219-232.	1.5	58
90	Thermal tolerance of Mediterranean marine macrophytes: Vulnerability to global warming. <i>Ecology and Evolution</i> , 2018, 8, 12032-12043.	1.9	58

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91	Ocean warming compresses the three-dimensional habitat of marine life. <i>Nature Ecology and Evolution</i> , 2020, 4, 109-114.	7.8	58
92	Biom mineralization changes with food supply confer juvenile scallops ( <i>Argopecten purpuratus</i> ) resistance to ocean acidification. <i>Global Change Biology</i> , 2016, 22, 2025-2037.	9.5	57
93	Seasonality of eelgrass biomass across gradients in temperature and latitude. <i>Marine Ecology - Progress Series</i> , 2014, 506, 71-85.	1.9	57
94	Trace metal accumulation in marine macrophytes: Hotspots of coastal contamination worldwide. <i>Science of the Total Environment</i> , 2017, 576, 520-527.	8.0	56
95	Modelling formation of complex topography by the seagrass <i>Posidonia oceanica</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2005, 65, 717-725.	2.1	55
96	Transitional and coastal waters ecological status assessment: advances and challenges resulting from implementing the European Water Framework Directive. <i>Hydrobiologia</i> , 2013, 704, 213-229.	2.0	55
97	Effects of seagrass <i>Thalassia testudinum</i> on sediment redox. <i>Marine Ecology - Progress Series</i> , 2001, 219, 149-158.	1.9	55
98	Endophytic bacterial community of a Mediterranean marine angiosperm ( <i>Posidonia oceanica</i> ). <i>Frontiers in Microbiology</i> , 2012, 3, 342.	3.5	53
99	Nitrogen-fixing bacteria in Mediterranean seagrass ( <i>Posidonia oceanica</i> ) roots. <i>Aquatic Botany</i> , 2016, 131, 57-60.	1.6	53
100	Sources of organic matter in seagrass-colonized sediments: A stable isotope study of the silt and clay fraction from <i>Posidonia oceanica</i> meadows in the western Mediterranean. <i>Organic Geochemistry</i> , 2005, 36, 949-961.	1.8	51
101	Comparative Analysis of Stability and Genetic Diversity in Seagrass ( <i>Posidonia oceanica</i> ) Meadows Yields Unexpected Results. <i>Estuaries and Coasts</i> , 2010, 33, 878-889.	2.2	51
102	Sulfide invasion in the seagrass <i>Posidonia oceanica</i> at Mediterranean fish farms: assessment using stable sulfur isotopes. <i>Marine Ecology - Progress Series</i> , 2007, 345, 93-104.	1.9	50
103	Residence time and <i>Posidonia oceanica</i> in Cabrera Archipelago National Park, Spain. <i>Continental Shelf Research</i> , 2005, 25, 1339-1352.	1.8	49
104	Greener pastures? High density feeding aggregations of green turtles precipitate species shifts in seagrass meadows. <i>Journal of Ecology</i> , 2013, 101, 1158-1168.	4.0	49
105	Iron Additions Reduce Sulfate Reduction Rates and Improve Seagrass Growth on Organic-Enriched Carbonate Sediments. <i>Ecosystems</i> , 2005, 8, 721-730.	3.4	47
106	Feed-backs between genetic structure and perturbation-driven decline in seagrass ( <i>Posidonia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 142	1.5	47
107	Functional changes due to invasive species: Food web shifts at shallow <i>Posidonia oceanica</i> seagrass beds colonized by the alien macroalga <i>Caulerpa racemosa</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2011, 93, 106-116.	2.1	47
108	Global unbalance in seaweed production, research effort and biotechnology markets. <i>Biotechnology Advances</i> , 2014, 32, 1028-1036.	11.7	47

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109	Vertical growth of <i>Thalassia testudinum</i> : seasonal and interannual variability. <i>Aquatic Botany</i> , 1994, 47, 1-11.	1.6	46
110	Resource translocation within seagrass clones: allometric scaling to plant size and productivity. <i>Oecologia</i> , 2006, 150, 362-372.	2.0	45
111	Groundwater effects on diversity and abundance of lagoonal seagrasses in Kenya and on Zanzibar Island (East Africa). <i>Marine Ecology - Progress Series</i> , 2002, 231, 75-83.	1.9	45
112	Plant-microbe interactions in seagrass meadows. <i>Coastal and Estuarine Studies</i> , 2005, , 31-60.	0.4	43
113	Bacterial Community Dynamics in a Seagrass ( <i>Posidonia oceanica</i> ) Meadow Sediment. <i>Estuaries and Coasts</i> , 2009, 32, 276-286.	2.2	43
114	<i>Marinomonas alcarazii</i> sp. nov., <i>M. rhizomae</i> sp. nov., <i>M. foliarum</i> sp. nov., <i>M. posidonica</i> sp. nov. and <i>M. aquiplantarum</i> sp. nov., isolated from the microbiota of the seagrass <i>Posidonia oceanica</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2191-2196.	1.7	43
115	Response to experimental warming in northern eelgrass populations: comparison across a range of temperature adaptations. <i>Marine Ecology - Progress Series</i> , 2018, 589, 59-72.	1.9	43
116	Patch dynamics of the Mediterranean seagrass <i>Posidonia oceanica</i> : Implications for recolonisation process. <i>Aquatic Botany</i> , 2008, 89, 397-403.	1.6	42
117	Stable Isotope ( $\delta^{13}C$ , $\delta^{15}N$ , $\delta^{18}O$ , $\delta^2D$ ) Composition and Nutrient Concentration of Red Sea Primary Producers. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	41
118	Green turtle herbivory dominates the fate of seagrass primary production in the Lakshadweep islands (Indian Ocean). <i>Marine Ecology - Progress Series</i> , 2013, 485, 235-243.	1.9	41
119	Growth and sediment space occupation by seagrass <i>Cymodocea nodosa</i> roots. <i>Marine Ecology - Progress Series</i> , 2001, 224, 291-298.	1.9	41
120	Modeling nonlinear seagrass clonal growth: Assessing the efficiency of space occupation across the seagrass flora. <i>Estuaries and Coasts</i> , 2006, 29, 72-80.	2.2	40
121	Iron Additions Reduce Sulfide Intrusion and Reverse Seagrass ( <i>Posidonia oceanica</i> ) Decline in Carbonate Sediments. <i>Ecosystems</i> , 2007, 10, 745-756.	3.4	40
122	Metabolic Imbalance in Coastal Vegetated ( <i>Posidonia oceanica</i> ) and Unvegetated Benthic Ecosystems. <i>Ecosystems</i> , 2010, 13, 459-471.	3.4	40
123	Boat anchoring impacts coastal populations of the pen shell, the largest bivalve in the Mediterranean. <i>Biological Conservation</i> , 2013, 160, 105-113.	4.1	40
124	Evolutionary history of the seagrass genus <i>Posidonia</i> . <i>Marine Ecology - Progress Series</i> , 2011, 421, 117-130.	1.9	40
125	Global warming enhances sulphide stress in a key seagrass species (NW Mediterranean). <i>Global Change Biology</i> , 2013, 19, 3629-3639.	9.5	39
126	Dynamics of carbon sources supporting burial in seagrass sediments under increasing anthropogenic pressure. <i>Limnology and Oceanography</i> , 2017, 62, 1451-1465.	3.1	39



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127	Herbivory on the seagrass <i>Cymodocea nodosa</i> (Ucria) Ascherson in contrasting Spanish Mediterranean habitats. <i>Journal of Experimental Marine Biology and Ecology</i> , 1996, 204, 103-111.	1.5	38
128	Flowering Frequency of Philippine Seagrasses. <i>Botanica Marina</i> , 1997, 40, .	1.2	36
129	Title is missing!. <i>Hydrobiologia</i> , 2002, 484, 167-175.	2.0	35
130	Annual variation in leaf photosynthesis and leaf nutrient content of four Mediterranean seagrasses. <i>Botanica Marina</i> , 2004, 47, .	1.2	34
131	Fish farming enhances biomass and nutrient loss in <i>Posidonia oceanica</i> (L.) Delile. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 81, 390-400.	2.1	34
132	Effects of sediment sulfides on seagrass <i>Posidonia oceanica</i> meristematic activity. <i>Marine Ecology - Progress Series</i> , 2008, 372, 1-6.	1.9	31
133	Iron Deficiency in Seagrasses and Macroalgae in the Red Sea Is Unrelated to Latitude and Physiological Performance. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	30
134	Growth and population dynamics of <i>Thalassodendron ciliatum</i> in a Kenyan back-reef lagoon. <i>Aquatic Botany</i> , 1996, 55, 1-11.	1.6	29
135	Light-dependence of the metabolic balance of a highly productive Philippine seagrass community. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 316, 55-67.	1.5	29
136	Aeolian transport of seagrass ( <i>Posidonia oceanica</i> ) beach-cast to terrestrial systems. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 196, 31-44.	2.1	29
137	Tropical seagrass <i>Halophila stipulacea</i> shifts thermal tolerance during Mediterranean invasion. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20193001.	2.6	29
138	Differentiation in fitness-related traits in response to elevated temperatures between leading and trailing edge populations of marine macrophytes. <i>PLoS ONE</i> , 2018, 13, e0203666.	2.5	28
139	Carbon and Nitrogen Concentrations, Stocks, and Isotopic Compositions in Red Sea Seagrass and Mangrove Sediments. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	28
140	Long-term records of trace metal content of western Mediterranean seagrass ( <i>Posidonia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 2010, 115, .	3.3	27
141	Rapid growth of seaweed biotechnology provides opportunities for developing nations. <i>Nature Biotechnology</i> , 2013, 31, 591-592.	17.5	27
142	Climate change stimulates the growth of the intertidal macroalgae <i>Ascophyllum nodosum</i> near the northern distribution limit. <i>Ambio</i> , 2017, 46, 119-131.	5.5	27
143	Sociocultural valuation of ecosystem services for operational ecosystem management: mapping applications by decision contexts in Europe. <i>Regional Environmental Change</i> , 2019, 19, 2245-2259.	2.9	27
144	Resilience of seagrass populations to thermal stress does not reflect regional differences in ocean climate. <i>New Phytologist</i> , 2022, 233, 1657-1666.	7.3	27

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145	The use of sociocultural valuation in sustainable environmental management. <i>Ecosystem Services</i> , 2018, 29, 158-167.	5.4	26
146	Estimating leaf age of the seagrass <i>Posidonia oceanica</i> (L.) Delile using the plastochrone interval index. <i>Aquatic Botany</i> , 1994, 49, 59-65.	1.6	25
147	High Organic Carbon Export Precludes Eutrophication Responses in Experimental Rocky Shore Communities. <i>Ecosystems</i> , 2003, 6, 144-153.	3.4	25
148	Scaling of ramet size and spacing in seagrasses: implications for stand development. <i>Aquatic Botany</i> , 2003, 77, 87-98.	1.6	25
149	Degrading seagrass ( <i>Posidonia oceanica</i> ) ecosystems: a source of dissolved matter in the Mediterranean. <i>Hydrobiologia</i> , 2010, 649, 13-23.	2.0	25
150	Exploring the robustness of macrophyte-based classification methods to assess the ecological status of coastal and transitional ecosystems under the Water Framework Directive. <i>Hydrobiologia</i> , 2013, 704, 279-291.	2.0	25
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