

# Marianne Holmer

## List of Publications by Year in descending order

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161  
papers

11,928  
citations

22153  
59  
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31849  
101  
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161  
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161  
docs citations

161  
times ranked

8655  
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	Sulphate reduction and sulphur cycling in lake sediments: a review. <i>Freshwater Biology</i> , 2001, 46, 431-451.	2.4	510
3	Seagrass sediments as a global carbon sink: Isotopic constraints. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	4.9	495
4	Will the Oceans Help Feed Humanity?. <i>BioScience</i> , 2009, 59, 967-976.	4.9	305
5	An overview of ecological status, vulnerability and future perspectives of European large shallow, semi-enclosed coastal systems, lagoons and transitional waters. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 140, 95-122.	2.1	275
6	ECOLOGY: Rapid Domestication of Marine Species. <i>Science</i> , 2007, 316, 382-383.	12.6	242
7	Decomposition of plant materials in marine sediment exposed to different electron acceptors (O <sub>2</sub> , Tj ETQq1 1 0.784314 rgBT /Overlock bioturbation. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 419-433.	3.9	232
8	Environmental issues of fish farming in offshore waters: perspectives, concerns and research needs. <i>Aquaculture Environment Interactions</i> , 2010, 1, 57-70.	1.8	226
9	Impact of marine fish cage farming on metabolism and sulfate reduction of underlying sediments. <i>Marine Ecology - Progress Series</i> , 1992, 80, 191-201.	1.9	221
10	Habitat Cascades: The Conceptual Context and Global Relevance of Facilitation Cascades via Habitat Formation and Modification. <i>Integrative and Comparative Biology</i> , 2010, 50, 158-175.	2.0	216
11	Photosynthetic and growth response of eelgrass to low oxygen and high sulfide concentrations during hypoxic events. <i>Aquatic Botany</i> , 2001, 70, 29-38.	1.6	208
12	Towards a classification of organic enrichment in marine sediments based on biogeochemical indicators. <i>Marine Pollution Bulletin</i> , 2008, 56, 810-824.	5.0	203
13	Effects of two polychaete worms, <i>Nereis diversicolor</i> and <i>Arenicola marina</i> , on aerobic and anaerobic decomposition in a sandy marine sediment. <i>Aquatic Microbial Ecology</i> , 1999, 19, 189-204.	1.8	169
14	Effects of fish farm waste on <i>Posidonia oceanica</i> meadows: Synthesis and provision of monitoring and management tools. <i>Marine Pollution Bulletin</i> , 2008, 56, 1618-1629.	5.0	142
15	Carbon and nitrogen mineralization in sediments of the Bangrong mangrove area, Phuket, Thailand. <i>Aquatic Microbial Ecology</i> , 2000, 22, 199-213.	1.8	141
16	Blue Carbon Storage Capacity of Temperate Eelgrass ( <i>Zostera marina</i> ) Meadows. <i>Global Biogeochemical Cycles</i> , 2018, 32, 1457-1475.	4.9	130
17	Carbon cycling and bacterial carbon sources in pristine and impacted Mediterranean seagrass sediments. <i>Aquatic Microbial Ecology</i> , 2004, 36, 227-237.	1.8	129
18	Sulfur cycling and seagrass ( <i>Posidonia oceanica</i> ) status in carbonate sediments. <i>Biogeochemistry</i> , 2003, 66, 223-239.	3.5	128

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19	Mussels as a tool for mitigation of nutrients in the marine environment. Marine Pollution Bulletin, 2014, 82, 137-143.	5.0	124
20	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. Aquaculture, 2007, 262, 268-280.	3.5	123
21	Sediment sulfur dynamics related to biomass- density patterns in <i>Zostera marina</i> (eelgrass) beds. Marine Ecology - Progress Series, 1997, 146, 163-171.	1.9	118
22	Seagrass beds acting as a trap of microplastics - Emerging hotspot in the coastal region?. Environmental Pollution, 2020, 257, 113450.	7.5	116
23	Blue carbon stocks in Baltic Sea eelgrass (&lt;i&gt; <i>Zostera marina</i> &lt;/i&gt;) meadows. Biogeosciences, 2016, 13, 6139-6153.	3.3	114
24	The importance of mineralization based on sulfate reduction for nutrient regeneration in tropical seagrass sediments. Aquatic Botany, 2001, 71, 1-17.	1.6	112
25	Effects of benthic fauna on organic matter mineralization in fish-farm sediments: importance of size and abundance. ICES Journal of Marine Science, 2001, 58, 427-434.	2.5	112
26	Effectiveness of protection of seagrass ( <i>Posidonia oceanica</i> ) populations in Cabrera National Park (Spain). Environmental Conservation, 2002, 29, 509-518.	1.3	105
27	Coexistence of sulfate reduction and methane production in an organic-rich sediment. Marine Ecology - Progress Series, 1994, 107, 177-184.	1.9	104
28	Impacts of milkfish ( <i>Chanos chanos</i> ) aquaculture on carbon and nutrient fluxes in the Bolinao area, Philippines. Marine Pollution Bulletin, 2002, 44, 685-696.	5.0	103
29	Rates and regulation of microbial iron reduction in sediments of the Baltic-North Sea transition. Biogeochemistry, 2003, 65, 295-317.	3.5	101
30	Long-term changes in area distribution of eelgrass ( <i>Zostera marina</i> ) in Danish coastal waters. Aquatic Botany, 2004, 78, 167-181.	1.6	100
31	Biogeochemical conditions in sediments enriched by organic matter from net-pen fish farms in the Bolinao area, Philippines. Marine Pollution Bulletin, 2003, 46, 1470-1479.	5.0	97
32	Spatial and temporal variation in eelgrass ( <i>Zostera marina</i> ) landscapes: influence of physical setting. Aquatic Botany, 2004, 78, 147-165.	1.6	93
33	A Meta-Analysis of Seaweed Impacts on Seagrasses: Generalities and Knowledge Gaps. PLoS ONE, 2012, 7, e28595.	2.5	93
34	Limited coupling of macrophyte production and bacterial carbon cycling in the sediments of <i>Zostera</i> spp. meadows. Marine Ecology - Progress Series, 2000, 203, 181-189.	1.9	93
35	“Ghost nutrients” from fish farms are transferred up the food web by phytoplankton grazers. Marine Ecology - Progress Series, 2009, 374, 1-6.	1.9	91
36	EFFECTS OF INTENSIVE MARICULTURE ON SEDIMENT BIOCHEMISTRY. , 2007, 17, 1366-1378.		90

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37	Seasonality of sulfate reduction and pore water solutes in a marine fish farm sediment: the importance of temperature and sedimentary organic matter. <i>Biogeochemistry</i> , 1996, 32, 15.	3.5	87
38	Sulfur accumulation in eelgrass ( <i>Zostera marina</i> ) and effect of sulfur on eelgrass growth. <i>Aquatic Botany</i> , 2005, 81, 367-379.	1.6	78
39	Vulnerability of <i>Zostera marina</i> seedlings to physical stress. <i>Marine Ecology - Progress Series</i> , 2010, 418, 119-130.	1.9	77
40	Sulfide intrusion in seagrasses assessed by stable sulfur isotopes - a synthesis of current results. <i>Frontiers in Marine Science</i> , 2014, 1, .	2.5	76
41	Organic Enrichment from Marine Finfish Aquaculture and Effects on Sediment Biogeochemical Processes. , 0, , 181-206.		75
42	Transformation and transport of inorganic nitrogen in sediments of a southeast Asian mangrove forest. <i>Aquatic Microbial Ecology</i> , 1998, 15, 165-175.	1.8	75
43	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
44	Sulfide Intrusion and Detoxification in the Seagrass <i>Zostera marina</i> . <i>PLoS ONE</i> , 2015, 10, e0129136.	2.5	73
45	Effects of filamentous algal mats on sulfide invasion in eelgrass ( <i>Zostera marina</i> ). <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 353, 245-252.	1.5	72
46	Microbial carbon oxidation rates and pathways in sediments of two Tanzanian mangrove forests. <i>Biogeochemistry</i> , 2011, 103, 143-158.	3.5	72
47	Temporal and spatial variation of sulfide invasion in eelgrass ( <i>Zostera marina</i> ) as reflected by its sulfur isotopic composition. <i>Limnology and Oceanography</i> , 2006, 51, 2308-2318.	3.1	71
48	Physiological responses of the seagrass <i>Posidonia oceanica</i> to elevated organic matter content in sediments: An experimental assessment. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 344, 149-160.	1.5	70
49	Metabolic threshold and sulfide-buffering in diffusion controlled marine sediments impacted by continuous organic enrichment. <i>Biogeochemistry</i> , 2009, 95, 335-353.	3.5	69
50	Benthic fauna bio-irrigation effects on nutrient regeneration in fish farm sediments. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 339, 204-225.	1.5	68
51	Benthic metabolism and sulfate reduction in a southeast Asian mangrove swamp. <i>Marine Ecology - Progress Series</i> , 1991, 73, 93-103.	1.9	68
52	Experimental manipulation of sediment organic content and water column aeration reduces <i>Zostera marina</i> (eelgrass) growth and survival. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 373, 26-34.	1.5	67
53	<i>Thalassia testudinum</i> response to the interactive stressors hypersalinity, sulfide and hypoxia. <i>Aquatic Botany</i> , 2007, 87, 104-110.	1.6	66
54	The Effect of Oxygen Depletion on Anaerobic Organic Matter Degradation in Marine Sediments. <i>Estuarine, Coastal and Shelf Science</i> , 1999, 48, 383-390.	2.1	64

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55	Effect of sediment grain size and bioturbation on decomposition of organic matter from aquaculture. Biogeochemistry, 2015, 125, 133-148.	3.5	64
56	Role of decomposition of mangrove and seagrass detritus in sediment carbon and nitrogen cycling in a tropical mangrove forest. Marine Ecology - Progress Series, 2002, 230, 87-101.	1.9	64
57	Changes in benthic sediment conditions under an Atlantic salmon farm at a deep, well-flushed coastal site. Aquaculture Environment Interactions, 2014, 5, 29-47.	1.8	63
58	Effects of sea level rise on growth of <i>Spartina anglica</i> and oxygen dynamics in rhizosphere and salt marsh sediments. Marine Ecology - Progress Series, 2002, 225, 197-204.	1.9	63
59	Carbohydrate dynamics and contributions to the carbon budget of an organic-rich coastal sediment. Geochimica Et Cosmochimica Acta, 1999, 63, 393-403.	3.9	62
60	Biogeochemical cycling of sulfur and iron in sediments of a south-east Asian mangrove, Phuket Island, Thailand. Biogeochemistry, 1994, 26, 145.	3.5	61
61	New Insights into the Microplastic Enrichment in the Blue Carbon Ecosystem: Evidence from Seagrass Meadows and Mangrove Forests in Coastal South China Sea. Environmental Science & Technology, 2021, 55, 4804-4812.	10.0	61
62	Inducible metabolism of fluoranthene by the opportunistic polychaete <i>Capitella</i> sp. l. Marine Ecology - Progress Series, 1996, 132, 63-70.	1.9	61
63	Benthic primary producersâ€”a neglected environmental problem in Mediterranean maricultures?. Marine Pollution Bulletin, 2003, 46, 1372-1376.	5.0	60
64	Benthic input rates predict seagrass ( <i>Posidonia oceanica</i> ) fish farm-induced decline. Marine Pollution Bulletin, 2008, 56, 1332-1342.	5.0	60
65	High mortality of <i>Zostera marina</i> under high temperature regimes but minor effects of the invasive macroalgae <i>Gracilaria vermiculophylla</i> . Estuarine, Coastal and Shelf Science, 2011, 92, 35-46.	2.1	60
66	Effects of mussel farms on the benthic nitrogen cycle on the Swedish west coast. Aquaculture Environment Interactions, 2012, 2, 177-191.	1.8	60
67	Temperature effects on decomposition of a <i>Posidonia oceanica</i> mat. Aquatic Microbial Ecology, 2011, 65, 169-182.	1.8	60
68	Sulfur, carbon, and nitrogen cycling in faunated marine sediments impacted by repeated organic enrichment. Marine Ecology - Progress Series, 2010, 400, 37-53.	1.9	59
69	Fish-farm impact on metazoan meiofauna in the Mediterranean Sea: Analysis of regional vs. habitat effects. Marine Environmental Research, 2010, 69, 38-47.	2.5	58
70	Carbon cycling in a continental margin sediment: contrasts between organic matter characteristics and remineralization rates and pathways. Estuarine, Coastal and Shelf Science, 2003, 58, 197-208.	2.1	56
71	Sulfate reduction, acetate turnover and carbon metabolism in sediments of the Ao Nam Bor mangrove, Phuket, Thailand. Marine Ecology - Progress Series, 1994, 109, 245-255.	1.9	54
72	Stimulation of sulfate reduction rates in Mediterranean fish farm sediments inhabited by the seagrass <i>Posidonia oceanica</i> . Biogeochemistry, 2007, 85, 169-184.	3.5	53

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73	Endomycorrhizae of isoetids along a biogeochemical gradient. <i>Limnology and Oceanography</i> , 1998, 43, 508-515.	3.1	51
74	Effect of shading of <i>Zostera marina</i> (eelgrass) on sulfur cycling in sediments with contrasting organic matter and sulfide pools. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 270, 25-37.	1.5	51
75	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
76	Effect of temperature on biogeochemistry of marine organic-enriched systems: implications in a global warming scenario. , 2011, 21, 2664-2677.		48
77	Metabolomics Reveals Cryptic Interactive Effects of Species Interactions and Environmental Stress on Nitrogen and Sulfur Metabolism in Seagrass. <i>Environmental Science &amp; Technology</i> , 2016, 50, 11602-11609.	10.0	48
78	Title is missing!. <i>Biogeochemistry</i> , 1998, 43, 107-128.	3.5	47
79	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
80	Biogeochemical malfunctioning in sediments beneath a deep-water fish farm. <i>Environmental Pollution</i> , 2012, 170, 15-25.	7.5	47
81	Transformation and exchange processes in the Bangrong mangrove forest-seagrass bed system, Thailand. Seasonal and spatial variations in benthic metabolism and sulfur biogeochemistry. <i>Aquatic Microbial Ecology</i> , 1999, 20, 203-212.	1.8	46
82	Potential effects of the invasive species <i>Gracilaria vermiculophylla</i> on <i>Zostera marina</i> metabolism and survival. <i>Marine Environmental Research</i> , 2010, 69, 345-349.	2.5	44
83	Plant-microbe interactions in seagrass meadows. <i>Coastal and Estuarine Studies</i> , 2005, , 31-60.	0.4	43
84	Sulfide intrusion in the tropical seagrasses <i>Thalassia testudinum</i> and <i>Syringodium filiforme</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2009, 85, 319-326.	2.1	42
85	Impact of pond aquaculture effluents on seagrass performance in NE Hainan, tropical China. <i>Marine Pollution Bulletin</i> , 2014, 85, 190-203.	5.0	41
86	Diurnal effects of anoxia on the metabolome of the seagrass <i>Zostera marina</i> . <i>Metabolomics</i> , 2015, 11, 1208-1218.	3.0	41
87	Organic matter mineralization in an organic-rich sediment: Experimental stimulation of sulfate reduction by fish food pellets. <i>FEMS Microbiology Ecology</i> , 1994, 14, 33-44.	2.7	40
88	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
89	Metabolic Imbalance in Coastal Vegetated ( <i>Posidonia oceanica</i> ) and Unvegetated Benthic Ecosystems. <i>Ecosystems</i> , 2010, 13, 459-471.	3.4	40
90	Impact of the polychaete <i>Capitella</i> sp. I on microbial activity in an organic-rich marine sediment contaminated with the polycyclic aromatic hydrocarbon fluoranthene. <i>Marine Biology</i> , 1997, 128, 679-688.	1.5	39

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91	Global warming enhances sulphide stress in a key seagrass species (NW Mediterranean). <i>Global Change Biology</i> , 2013, 19, 3629-3639.	9.5	39
92	Sulfur cycling and sulfide intrusion in mixed Southeast Asian tropical seagrass meadows. <i>Botanica Marina</i> , 2006, 49, .	1.2	38
93	Root microbiomes as indicators of seagrass health. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	38
94	Seasonal and Spatial Variations of Benthic Impacts of Mussel Longline Farming in a Eutrophic Danish Fjord, Limfjorden. <i>Journal of Shellfish Research</i> , 2009, 28, 791-801.	0.9	37
95	Negative effects of stress-resistant drift algae and high temperature on a small ephemeral seagrass species. <i>Marine Biology</i> , 2011, 158, 297-309.	1.5	37
96	Impact of <i>Arenicola marina</i> (Polychaeta) on sediment sulfur dynamics. <i>Aquatic Microbial Ecology</i> , 2003, 33, 95-105.	1.8	35
97	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
98	The formation of iron plaques on roots and rhizomes of the seagrass <i>Cymodocea serrulata</i> (R.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.6	34
99	Sediment Stocks of Carbon, Nitrogen, and Phosphorus in Danish Eelgrass Meadows. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	34
100	Biogeochemical implications for phosphorus cycling in sandy and muddy rhizosphere sediments of <i>Zostera marina</i> meadows (Denmark). <i>Marine Ecology - Progress Series</i> , 2006, 320, 141-151.	1.9	33
101	Sulfate reduction in lake sediments inhabited by the isoetid macrophytes <i>Littorella uniflora</i> and <i>Isoetes lacustris</i> . <i>Aquatic Botany</i> , 1998, 60, 307-324.	1.6	32
102	Negative effects of blue mussel ( <i>Mytilus edulis</i> ) presence in eelgrass ( <i>Zostera marina</i> ) beds in Flensborg fjord, Denmark. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 77, 91-103.	2.1	32
103	Effect of increased sediment sulfide concentrations on the composition of stable sulfur isotopes ( $\delta^{34}\text{S}$ ) and sulfur accumulation in the seagrasses <i>Zostera marina</i> and <i>Posidonia oceanica</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 358, 98-109.	1.5	32
104	Aggregation and attachment responses of blue mussels, <i>Mytilus edulis</i> —impact of substrate composition, time scale and source of mussel seed. <i>Aquaculture</i> , 2015, 435, 245-251.	3.5	31
105	Pelagic and Benthic Nutrient Regeneration Processes in Mussel Cultures ( <i>Mytilus edulis</i> ) in a Eutrophic Coastal Area (Skive Fjord, Denmark). <i>Estuaries and Coasts</i> , 2015, 38, 1629-1641.	2.2	31
106	Eelgrass ( <i>Zostera marina</i> ) Food Web Structure in Different Environmental Settings. <i>PLoS ONE</i> , 2016, 11, e0146479.	2.5	31
107	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
108	Mussel farming can be used as a mitigation tool — A reply. <i>Marine Pollution Bulletin</i> , 2012, 64, 452-454.	5.0	29

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109	Contribution of plant carbohydrates to sedimentary carbon mineralization. <i>Organic Geochemistry</i> , 2004, 35, 1053-1066.	1.8	28
110	Composition and diagenesis of neutral carbohydrates in sediments of the Baltic-North Sea transition. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 4085-4099.	3.9	28
111	High Sulfide Intrusion in Five Temperate Seagrasses Growing Under Contrasting Sediment Conditions. <i>Estuaries and Coasts</i> , 2013, 36, 116-126.	2.2	28
112	Regional variation in eelgrass ( <i>Zostera marina</i> ) morphology, production and stable sulfur isotopic composition along the Baltic Sea and Skagerrak coasts. <i>Aquatic Botany</i> , 2009, 91, 303-310.	1.6	27
113	Screening of seaweeds in the East China Sea as potential bio-monitors of heavy metals. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16640-16651.	5.3	27
114	Dissolved and particulate organic matter in contrasting <i>Zostera marina</i> (eelgrass) sediments. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 316, 183-201.	1.5	26
115	Harmful algae are not harmful to everyone. <i>Harmful Algae</i> , 2012, 16, 74-80.	4.8	26
116	Development of a "sediment-stress"™ functional-level indicator for the seagrass <i>Halophila ovalis</i> . <i>Ecological Indicators</i> , 2014, 36, 280-289.	6.3	26
117	Effects of tributyltin (TBT) on the seagrass <i>Ruppia maritima</i> . <i>Marine Pollution Bulletin</i> , 2004, 49, 564-573.	5.0	25
118	Experimental test of biodeposition and ammonium excretion from blue mussels ( <i>Mytilus edulis</i> ) on eelgrass ( <i>Zostera marina</i> ) performance. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 364, 72-79.	1.5	25
119	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
120	Nutrient Extraction Through Bivalves. , 2019, , 179-208.		24
121	Major impacts and societal costs of seagrass loss on sediment carbon and nitrogen stocks. <i>Ecosphere</i> , 2021, 12, e03658.	2.2	24
122	Drift algae, an invasive snail and elevated temperature reduce ecological performance of a warm-temperate seagrass, through additive effects. <i>Marine Ecology - Progress Series</i> , 2012, 450, 67-80.	1.9	23
123	Spatial and temporal changes in non-structural carbohydrate reserves in eelgrass (<i>Zostera) Tj ETQq1 1 0.784314 1.25 BT /Overlock 10 T	1.2	22
124	Monitoring of Environmental Impacts of Marine Aquaculture. , 2008, , 47-85.		21
125	Fish farming impact on decomposition of <i>Posidonia oceanica</i> litter. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 369, 58-64.	1.5	21
126	Mussel Production and Water Framework Directive Targets in the Limfjord, Denmark: an Integrated Assessment for Use in System-Based Management. <i>Ecology and Society</i> , 2011, 16, .	2.3	21



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127	Eelgrass fairy rings: sulfide as inhibiting agent. <i>Marine Biology</i> , 2014, 161, 351-358.	1.5	21
128	Seagrass Beds and Coastal Biogeochemistry. , 2007, , 135-157.		21
129	Mineralization of organic nitrogen and carbon (fish food) added to anoxic sediment microcosms: role of sulphate reduction. <i>Marine Ecology - Progress Series</i> , 1993, 102, 199-204.	1.9	21
130	Epiphyte dynamics and carbon metabolism in a nutrient enriched Mediterranean seagrass ( <i>Posidonia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	20
131	Effects of point source of untreated sewage waters on seagrass ( <i>Zostera marina</i> and <i>Z. noltii</i> ) beds in the South-Western Black Sea. <i>Aquatic Botany</i> , 2016, 133, 1-9.	1.6	20
132	Metabolomics and traditional indicators unveil stress of a seagrass ( <i>Cymodocea nodosa</i> ) meadow at intermediate distance from a fish farm. <i>Ecological Indicators</i> , 2020, 109, 105765.	6.3	18
133	First Field-Based Evidence That the Seagrass-Lucinid Mutualism Can Mitigate Sulfide Stress in Seagrasses. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	18
134	Impacts of mussel dredging on sediment phosphorus dynamics in a eutrophic Danish fjord. <i>Chemistry and Ecology</i> , 2003, 19, 343-361.	1.6	17
135	Species-specific response to sulfide intrusion in native and exotic Mediterranean seagrasses under stress. <i>Marine Environmental Research</i> , 2018, 134, 85-95.	2.5	17
136	Sedimentary iron inputs stimulate seagrass ( <i>Posidonia oceanica</i> ) population growth in carbonate sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 76, 710-713.	2.1	16
137	Hydrogen sulfide intrusion in seagrasses from Shark Bay, Western Australia. <i>Marine and Freshwater Research</i> , 2012, 63, 1027.	1.3	16
138	Testing the potential for improving quality of sediments impacted by mussel farms using bioturbating polychaete worms. <i>Aquaculture Research</i> , 2017, 48, 161-176.	1.8	15
139	Beach wrack mapping using unmanned aerial vehicles for coastal environmental management. <i>Ocean and Coastal Management</i> , 2021, 213, 105843.	4.4	15
140	Distribution and bioturbation effects of the tropical alpheid shrimp <i>Alpheus macellarius</i> in sediments impacted by milkfish farming. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 76, 657-667.	2.1	14
141	Light indirectly mediates bivalve habitat modification and impacts on seagrass. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 472, 41-53.	1.5	14
142	Reduced carbon sequestration in a Mediterranean seagrass ( <i>Posidonia oceanica</i> ) ecosystem impacted by fish farming. <i>Aquaculture Environment Interactions</i> , 2011, 2, 49-59.	1.8	14
143	Composition and fate of dissolved organic carbon derived from phytoplankton detritus in coastal marine sediments. <i>Marine Ecology - Progress Series</i> , 1996, 141, 217-228.	1.9	14
144	Variation of carbon contents in eelgrass ( <i>Zostera marina</i> ) sediments implied from depth profiles. <i>Biology Letters</i> , 2019, 15, 20180831.	2.3	13

#	ARTICLE	IF	CITATIONS
145	Effects of coexistence between the blue mussel and eelgrass on sediment biogeochemistry and plant performance. <i>Marine Ecology - Progress Series</i> , 2012, 447, 139-149.	1.9	13
146	Nutrient dynamics in 3 morphological different tropical seagrasses and their sediments. <i>Aquatic Botany</i> , 2010, 93, 170-178.	1.6	12
147	Productivity and Biogeochemical Cycling in Seagrass Ecosystems. , 2019, , 443-477.		12
148	Current trends in seagrass research in China (2010-2019). <i>Aquatic Botany</i> , 2020, 166, 103266.	1.6	12
149	Methane Emissions From Nordic Seagrass Meadow Sediments. <i>Frontiers in Marine Science</i> , 2022, 8, .	2.5	12
150	Drivers of sulfide intrusion in <i>Zostera muelleri</i> in a moderately affected estuary in south-eastern Australia. <i>Marine and Freshwater Research</i> , 2017, 68, 2134.	1.3	8
151	Bioturbation may not always enhance the metabolic capacity of organic polluted sediments. <i>Marine Environmental Research</i> , 2020, 155, 104882.	2.5	8
152	Nordic Blue Carbon Ecosystems: Status and Outlook. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	7
153	ICES Symposium on Environmental Effects of Mariculture Introduction. <i>ICES Journal of Marine Science</i> , 2001, 58, 363-368.	2.5	6
154	Seagrass Beds and Coastal Biogeochemistry. , 0, , 135-157.		6
155	Beach Wrack Dynamics Using a Camera Trap as the Real-Time Monitoring Tool. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	6
156	Preface: dynamics and functions of seagrass ecosystems. <i>Hydrobiologia</i> , 2010, 649, 1-2.	2.0	5
157	Using Live-Stream Video from an Artificial Reef to Increase Interest in Marine Biology. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 47.	2.6	3
158	Does teaching about artificial reefs trigger studentsâ€™ situational interest in marine biology?. <i>Journal of Biological Education</i> , 2021, 55, 264-275.	1.5	3
159	Introducing the new multidisciplinary journal <i>Aquaculture Environment Interactions</i> . <i>Aquaculture Environment Interactions</i> , 2010, 1, i-ii.	1.8	3
160	Iron plaque formation on seagrasses: Why not?. , 2008, , .		1
161	Effects of depth and overgrowth of ephemeral macroalgae on a remote subtidal NE Atlantic eelgrass ( <i>Zostera marina</i> ) community. <i>Marine Pollution Bulletin</i> , 2022, 177, 113497.	5.0	0