

Marta Perez

List of Publications by Year in descending order

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41
papers

2,740
citations

186265
28
h-index

265206
42
g-index

42
all docs

42
docs citations

42
times ranked

2222
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent trend reversal for declining European seagrass meadows. <i>Nature Communications</i> , 2019, 10, 3356.	12.8	227
2	Effects of Fish Farm Loadings on Seagrass (<i>Posidonia oceanica</i>) Distribution, Growth and Photosynthesis. <i>Marine Pollution Bulletin</i> , 2001, 42, 749-760.	5.0	220
3	Effects of fish farming on seagrass (<i>Posidonia oceanica</i>) in a Mediterranean bay: seagrass decline after organic loading cessation. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 1999, 22, 109-117.	0.7	184
4	A multivariate index based on the seagrass <i>Posidonia oceanica</i> (POMI) to assess ecological status of coastal waters under the water framework directive (WFD). <i>Marine Pollution Bulletin</i> , 2007, 55, 196-204.	5.0	153
5	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
6	Effects of nitrogen addition on nitrogen metabolism and carbon reserves in the temperate seagrass <i>Posidonia oceanica</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 303, 97-114.	1.5	134
7	Inorganic carbon sources for seagrass photosynthesis: an experimental evaluation of bicarbonate use in species inhabiting temperate waters. <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 265, 203-217.	1.5	132
8	Growth plasticity in <i>Cymodocea nodosa</i> stands: the importance of nutrient supply. <i>Aquatic Botany</i> , 1994, 47, 249-264.	1.6	121
9	Photosynthetic response to light and temperature of the seagrass <i>Cymodocea nodosa</i> and the prediction of its seasonality. <i>Aquatic Botany</i> , 1992, 43, 51-62.	1.6	120
10	Effects of pH on seagrass photosynthesis: a laboratory and field assessment. <i>Aquatic Botany</i> , 1997, 59, 185-194.	1.6	100
11	Variability of sedimentary organic carbon in patchy seagrass landscapes. <i>Marine Pollution Bulletin</i> , 2015, 100, 476-482.	5.0	98
12	Compensation and resistance to herbivory in seagrasses: induced responses to simulated consumption by fish. <i>Oecologia</i> , 2008, 155, 751-760.	2.0	96
13	Growth Dynamics, Production, and Nutrient Status of the Seagrass <i>Cymodocea nodosa</i> in a Mediterranean Semi-Estuarine Environment. <i>Marine Ecology</i> , 1994, 15, 51-64.	1.1	73
14	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
15	Benthic primary producersâ€”a neglected environmental problem in Mediterranean maricultures?. <i>Marine Pollution Bulletin</i> , 2003, 46, 1372-1376.	5.0	60
16	Physiological responses of the seagrass <i>Posidonia oceanica</i> as indicators of fish farm impact. <i>Marine Pollution Bulletin</i> , 2008, 56, 869-879.	5.0	60
17	Landscape configuration modulates carbon storage in seagrass sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 185, 69-76.	2.1	55
18	Macrograzers strongly influence patterns of epiphytic assemblages in seagrass meadows. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 350, 130-143.	1.5	53

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19	Interactive effects of global warming and eutrophication on a fast-growing Mediterranean seagrass. <i>Marine Environmental Research</i> , 2019, 145, 27-38.	2.5	50
20	Sensitivity of the seagrass <i>Cymodocea nodosa</i> to hypersaline conditions: A microcosm approach. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 386, 34-38.	1.5	49
21	Effects of nutrient enrichment on seagrass population dynamics: evidence and synthesis from the biomass–density relationships. <i>Journal of Ecology</i> , 2013, 101, 1552-1562.	4.0	47
22	Biodiversity response to experimental induced hypoxic-anoxic conditions in seagrass sediments. <i>Biodiversity and Conservation</i> , 2009, 18, 33-54.	2.6	43
23	Selection of metrics based on the seagrass <i>Cymodocea nodosa</i> and development of a biotic index (CYMOX) for assessing ecological status of coastal and transitional waters. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 114, 7-17.	2.1	42
24	Seasonal nitrogen speciation in temperate seagrass <i>Posidonia oceanica</i> (L.) Delile. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 273, 219-240.	1.5	41
25	The negative effects of short-term extreme thermal events on the seagrass <i>Posidonia oceanica</i> are exacerbated by ammonium additions. <i>PLoS ONE</i> , 2019, 14, e0222798.	2.5	39
26	Bicarbonate utilization in seagrass photosynthesis: role of carbonic anhydrase in <i>Posidonia oceanica</i> (L.) Delile and <i>Cymodocea nodosa</i> (Ucria) Ascherson. <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 235, 125-133.	1.5	35
27	The importance of herbivory in the decline of a seagrass (<i>Posidonia oceanica</i>) meadow near a fish farm: an experimental approach. <i>Botanica Marina</i> , 2009, 52, 449-458.	1.2	33
28	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
29	Detecting water quality improvement along the Catalan coast (Spain) using stress-specific biochemical seagrass indicators. <i>Ecological Indicators</i> , 2015, 54, 161-170.	6.3	28
30	Spatial variability in ecological attributes of the seagrass <i>Cymodocea nodosa</i> . <i>Botanica Marina</i> , 2009, 52, 429-438.	1.2	26
31	Importance of within-shoot epiphyte distribution for the carbon budget of seagrasses: the example of <i>Posidonia oceanica</i> . <i>Botanica Marina</i> , 2004, 47, .	1.2	25
32	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
33	Effects of Copper Exposure on Photosynthesis and Growth of the Seagrass <i>Cymodocea nodosa</i> : An Experimental Assessment. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 374-379.	2.7	21
34	Exploring the utility of <i>Posidonia oceanica</i> chlorophyll fluorescence as an indicator of water quality within the European Water Framework Directive. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 3675-3686.	2.7	19
35	Tolerance responses to simulated herbivory in the seagrass <i>Cymodocea nodosa</i> . <i>Marine Ecology - Progress Series</i> , 2014, 517, 159-169.	1.9	18
36	Evaluating potential artifacts of tethering techniques to estimate predation on sea urchins. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 471, 17-22.	1.5	18

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37	Warming intensifies the interaction between the temperate seagrass <i>Posidonia oceanica</i> and its dominant fish herbivore <i>Sarpa salpa</i> . <i>Marine Environmental Research</i> , 2021, 165, 105237.	2.5	15
38	Reproductive strategies and isolationâ€”byâ€”demography in a marine clonal plant along an eutrophication gradient. <i>Molecular Ecology</i> , 2014, 23, 5698-5711.	3.9	14
39	Seagrass-bivalve facilitative interactions: Trait-mediated effects along an environmental gradient. <i>Marine Environmental Research</i> , 2018, 133, 99-104.	2.5	8
40	Bioindicators, Monitoring, and Management Using Mediterranean Seagrasses: What Have We Learned from the Implementation of the EU Water Framework Directive?. <i>Handbook of Environmental Chemistry</i> , 2015, , 161-182.	0.4	3
41	Recovery of a fast-growing seagrass from small-scale mechanical disturbances: Effects of intensity, size and seasonal timing. <i>Marine Pollution Bulletin</i> , 2021, 162, 111873.	5.0	3