

Isabel Barrote

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

485
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological and morphological effects of a marine heatwave on the seagrass <i>Cymodocea nodosa</i> . <i>Scientific Reports</i> , 2022, 12, 7950.	3.3	6
2	Heatwave Effects on the Photosynthesis and Antioxidant Activity of the Seagrass <i>Cymodocea nodosa</i> under Contrasting Light Regimes. <i>Oceans</i> , 2021, 2, 448-460.	1.3	8
3	Daily Regulation of Key Metabolic Pathways in Two Seagrasses Under Natural Light Conditions. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	2
4	m6A RNA Methylation in Marine Plants: First Insights and Relevance for Biological Rhythms. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7508.	4.1	10
5	Seasonal Photosynthesis, Respiration, and Calcification of a Temperate Macroalgal Bed in Southern Portugal. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	12
6	Leaf proteome modulation and cytological features of seagrass <i>Cymodocea nodosa</i> in response to long-term high CO ₂ exposure in volcanic vents. <i>Scientific Reports</i> , 2020, 10, 22332.	3.3	4
7	Temperature amplifies the effect of high CO ₂ on the photosynthesis, respiration, and calcification of the coralline algae <i>Phymatolithon lusitanicum</i> . <i>Ecology and Evolution</i> , 2019, 9, 11000-11009.	1.9	14
8	Seagrass collapse due to synergistic stressors is not anticipated by phenological changes. <i>Oecologia</i> , 2018, 186, 1137-1152.	2.0	48
9	High CO ₂ decreases the long-term resilience of the free-living coralline algae <i>Phymatolithon lusitanicum</i> . <i>Ecology and Evolution</i> , 2018, 8, 4781-4792.	1.9	17
10	Photoacclimation strategies in northeastern Atlantic seagrasses: Integrating responses across plant organizational levels. <i>Scientific Reports</i> , 2018, 8, 14825.	3.3	20
11	Genomewide transcriptional reprogramming in the seagrass <i>Cymodocea nodosa</i> under experimental ocean acidification. <i>Molecular Ecology</i> , 2017, 26, 4241-4259.	3.9	27
12	Depth-specific fluctuations of gene expression and protein abundance modulate the photophysiology in the seagrass <i>Posidonia oceanica</i> . <i>Scientific Reports</i> , 2017, 7, 42890.	3.3	57
13	Plant-water relations of intertidal and subtidal seagrasses. <i>Marine Ecology</i> , 2015, 36, 1294-1310.	1.1	8
14	Epiphytes Modulate <i>Posidonia oceanica</i> Photosynthetic Production, Energetic Balance, Antioxidant Mechanisms, and Oxidative Damage. <i>Frontiers in Marine Science</i> , 2015, 2, .	2.5	24
15	Effectiveness and consistency of a suite of descriptors for assessing the ecological status of seagrass meadows (<i>Posidonia oceanica</i> L. Delile). <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 252-259.	2.1	32
16	Physiological Responses of <i>Zostera marina</i> and <i>Cymodocea nodosa</i> to Light-Limitation Stress. <i>PLoS ONE</i> , 2013, 8, e81058.	2.5	73
17	Influence of transient shade periods on the effects of drought on photosynthesis, carbohydrate accumulation and lipid peroxidation in sunflower leaves. <i>Environmental and Experimental Botany</i> , 2006, 58, 75-84.	4.2	45
18	Effects of water deficit on the activity of nitrate reductase and content of sugars, nitrate and free amino acids in the leaves and roots of sunflower and white lupin plants growing under two nutrient supply regimes. <i>Physiologia Plantarum</i> , 2005, 124, 61-70.	5.2	47

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19	Leaf age effects on photosynthetic activity and sugar accumulation in droughted and rewatered <i>Lupinus albus</i> plants. <i>Functional Plant Biology</i> , 1998, 25, 299.	2.1	31