Isabel Barrote

List of Publications by Year
in descending order

19	485	759233 12	794594 19
papers	citations	h-index	g-index

19	19	19	662
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physiological Responses of Zostera marina and Cymodocea nodosa to Light-Limitation Stress. PLoS ONE, 2013, 8, e81058.	2.5	73
2	Depth-specific fluctuations of gene expression and protein abundance modulate the photophysiology in the seagrass Posidonia oceanica. Scientific Reports, 2017, 7, 42890.	3.3	57
3	Seagrass collapse due to synergistic stressors is not anticipated by phenological changes. Oecologia, 2018, 186, 1137-1152.	2.0	48
4	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. Physiologia Plantarum, 2005, 124, 61-70.	5.2	47
5	Influence of transient shade periods on the effects of drought on photosynthesis, carbohydrate accumulation and lipid peroxidation in sunflower leaves. Environmental and Experimental Botany, 2006, 58, 75-84.	4.2	45
6	Effectiveness and consistency of a suite of descriptors for assessing the ecological status of seagrass meadows (Posidonia oceanica L. Delile). Estuarine, Coastal and Shelf Science, 2013, 130, 252-259.	2.1	32
7	Leaf age effects on photosynthetic activity and sugar accumulation in droughted and rewatered Lupinus albus plants. Functional Plant Biology, 1998, 25, 299.	2.1	31
8	Genomewide transcriptional reprogramming in the seagrass Cymodocea nodosa under experimental ocean acidification. Molecular Ecology, 2017, 26, 4241-4259.	3.9	27
9	Epiphytes Modulate Posidonia oceanica Photosynthetic Production, Energetic Balance, Antioxidant Mechanisms, and Oxidative Damage. Frontiers in Marine Science, 2015, 2, .	2.5	24
10	Photoacclimation strategies in northeastern Atlantic seagrasses: Integrating responses across plant organizational levels. Scientific Reports, 2018, 8, 14825.	3.3	20
11	High <scp>CO</scp>₂ decreases the longâ€term resilience of the freeâ€living coralline algae Phymatolithon lusitanicum. Ecology and Evolution, 2018, 8, 4781-4792.	1.9	17
12	Temperature amplifies the effect of high CO₂ on the photosynthesis, respiration, and calcification of the coralline algae Phymatolithon lusitanicum. Ecology and Evolution, 2019, 9, 11000-11009.	1.9	14
13	Seasonal Photosynthesis, Respiration, and Calcification of a Temperate MaÃ«rl Bed in Southern Portugal. Frontiers in Marine Science, 2020, 7, .	2.5	12
14	m6A RNA Methylation in Marine Plants: First Insights and Relevance for Biological Rhythms. International Journal of Molecular Sciences, 2020, 21, 7508.	4.1	10
15	Plantâ€“water relations of intertidal and subtidal seagrasses. Marine Ecology, 2015, 36, 1294-1310.	1.1	8
16	Heatwave Effects on the Photosynthesis and Antioxidant Activity of the Seagrass Cymodocea nodosa under Contrasting Light Regimes. Oceans, 2021, 2, 448-460.	1.3	8
17	Physiological and morphological effects of a marine heatwave on the seagrass Cymodocea nodosa. Scientific Reports, 2022, 12, 7950.	3.3	6
18	Leaf proteome modulation and cytological features of seagrass Cymodocea nodosa in response to long-term high CO2 exposure in volcanic vents. Scientific Reports, 2020, 10, 22332.	3.3	4

#	Article	IF	Citations
19	Daily Regulation of Key Metabolic Pathways in Two Seagrasses Under Natural Light Conditions. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	2