

Brezo MartÃ-nez

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,035
citations

236925

25
h-index

243625

44
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45
all docs

45
docs citations

45
times ranked

2456
citing authors

#	ARTICLE	IF	CITATIONS
1	GlobTherm, a global database on thermal tolerances for aquatic and terrestrial organisms. Scientific Data, 2018, 5, 180022.	5.3	164
2	The evolution of critical thermal limits of life on Earth. Nature Communications, 2021, 12, 1198.	12.8	149
3	Distribution models predict large contractions of habitat-forming seaweeds in response to ocean warming. Diversity and Distributions, 2018, 24, 1350-1366.	4.1	129
4	European-scale analysis of seasonal variability in limpet grazing activity and microalgal abundance. Marine Ecology - Progress Series, 2001, 211, 193-203.	1.9	101
5	Combining physiological threshold knowledge to species distribution models is key to improving forecasts of the future niche for macroalgae. Global Change Biology, 2015, 21, 1422-1433.	9.5	93
6	Mariculture of the Asian kelp <i>Undaria pinnatifida</i> and the native kelp <i>Saccharina latissima</i> along the Atlantic coast of Southern Europe: An overview. Algal Research, 2016, 15, 9-23.	4.6	87
7	Physical factors driving intertidal macroalgae distribution: physiological stress of a dominant furoid at its southern limit. Oecologia, 2012, 170, 341-353.	2.0	79
8	The "golden kelp" <i>Laminaria ochroleuca</i> under global change: Integrating multiple eco-physiological responses with species distribution models. Journal of Ecology, 2018, 106, 47-58.	4.0	78
9	Distributional shifts of canopy-forming seaweeds from the Atlantic coast of Southern Europe. Biodiversity and Conservation, 2019, 28, 1151-1172.	2.6	73
10	Reproductive patterns in central and marginal populations of a large brown seaweed: drastic changes at the southern range limit. Ecography, 2011, 34, 75-84.	4.5	71
11	SEASONAL VARIATION OF P CONTENT AND MAJOR N POOLS IN PALMATA (RHODOPHYTA). Journal of Phycology, 2002, 38, 1082-1089.	2.3	69
12	Recent and historical range shifts of two canopy-forming seaweeds in North Spain and the link with trends in sea surface temperature. Acta Oecologica, 2013, 51, 1-10.	1.1	69
13	Habitat distribution models for intertidal seaweeds: responses to climatic and non-climatic drivers. Journal of Biogeography, 2012, 39, 1877-1890.	3.0	64
14	Spatial variation in the recruitment of the intertidal barnacles <i>Chthamalus montagui</i> Southward and <i>Chthamalus stellatus</i> (Poli) (Crustacea: Cirripedia) over an European scale. Journal of Experimental Marine Biology and Ecology, 2004, 304, 243-264.	1.5	59
15	Carotenoid composition in Rhodophyta: insights into xanthophyll regulation in <i>Corallina elongata</i> . European Journal of Phycology, 2009, 44, 221-230.	2.0	48
16	Effect of nutrient supply on photosynthesis and pigmentation to short-term stress (UV radiation) in <i>Gracilaria conferta</i> (Rhodophyta). Marine Pollution Bulletin, 2010, 60, 1768-1778.	5.0	48
17	Open-sea cultivation by transplanting young fronds of the kelp <i>Saccharina latissima</i> . Journal of Applied Phycology, 2014, 26, 519-528.	2.8	48
18	Nutrient uptake and growth responses of three intertidal macroalgae with perennial, opportunistic and summer-annual strategies. Aquatic Botany, 2012, 96, 14-22.	1.6	47

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19	Physiological response of furoid algae to environmental stress: comparing range centre and southern populations. <i>New Phytologist</i> , 2014, 202, 1157-1172.	7.3	46
20	Effects of nutrient supply on photosynthesis and pigmentation in <i>Ulva lactuca</i> (Chlorophyta): responses to short-term stress. <i>Aquatic Biology</i> , 2009, 7, 173-183.	1.4	45
21	Short-term ecophysiological and biochemical responses of <i>Cystoseira tamariscifolia</i> and <i>Ellisolandia elongata</i> to environmental changes. <i>Aquatic Biology</i> , 2014, 22, 227-243.	1.4	44
22	Acclimation of Red Sea macroalgae to solar radiation: photosynthesis and thallus absorbance. <i>Aquatic Biology</i> , 2009, 7, 159-172.	1.4	33
23	INORGANIC NITROGEN AND PHOSPHORUS UPTAKE KINETICS IN <i>PALMARIA PALMATA</i> (RHODOPHYTA)1. <i>Journal of Phycology</i> , 2004, 40, 642-650.	2.3	32
24	Ecophysiological responses to elevated CO ₂ and temperature in <i>Cystoseira tamariscifolia</i> (Phaeophyceae). <i>Climatic Change</i> , 2017, 142, 67-81.	3.6	29
25	Integration of physiological knowledge into hybrid species distribution modelling to improve forecast of distributional shifts of tropical corals. <i>Diversity and Distributions</i> , 2019, 25, 715-728.	4.1	29
26	Effect of grazing by limpets on mid-shore species assemblages in northern Spain. <i>Marine Ecology - Progress Series</i> , 2004, 277, 117-133.	1.9	29
27	Yield losses and electron transport rate as indicators of thermal stress in <i>Fucus serratus</i> (Ochrophyta). <i>Algal Research</i> , 2019, 41, 101560.	4.6	27
28	Photoprotective responses in a brown macroalgae <i>Cystoseira tamariscifolia</i> to increases in CO ₂ and temperature. <i>Marine Environmental Research</i> , 2017, 130, 157-165.	2.5	25
29	Neighbourhood competition in coexisting species: The native <i>Cystoseira humilis</i> vs the invasive <i>Sargassum muticum</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 454, 32-41.	1.5	23
30	A novel in situ system to evaluate the effect of high CO ₂ on photosynthesis and biochemistry of seaweeds. <i>Aquatic Biology</i> , 2014, 22, 245-259.	1.4	22
31	Open sea cultivation of <i>Palmaria palmata</i> (Rhodophyta) on the northern Spanish coast. <i>Aquaculture</i> , 2006, 254, 376-387.	3.5	21
32	CHANGES IN NUTRIENT CONTENT OF <i>PALMARIA PALMATA</i> IN RESPONSE TO VARIABLE LIGHT AND UPWELLING IN NORTHERN SPAIN. <i>Journal of Phycology</i> , 2008, 44, 50-59.	2.3	16
33	Ecophysiological responses of a threatened red alga to increased irradiance in an in situ transplant experiment. <i>Marine Environmental Research</i> , 2019, 144, 166-177.	2.5	16
34	Genetic relationships of the hydrocoral <i>Millepora alcicornis</i> and its symbionts within and between locations across the Atlantic. <i>Coral Reefs</i> , 2019, 38, 255-268.	2.2	16
35	Kongsfjorden as Harbinger of the Future Arctic: Knowns, Unknowns and Research Priorities. <i>Advances in Polar Ecology</i> , 2019, , 537-562.	1.3	15
36	A regime shift in intertidal assemblages triggered by loss of algal canopies: A multidecadal survey. <i>Marine Environmental Research</i> , 2020, 160, 104981.	2.5	15

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37	Additive effects of emersion stressors on the ecophysiological performance of two intertidal seaweeds. <i>Marine Ecology - Progress Series</i> , 2015, 536, 135-147.	1.9	14
38	Environmental factors driving the distribution of the tropical coral <i>Pavona varians</i> : Predictions under a climate change scenario. <i>Marine Ecology</i> , 2020, 41, 1-12.	1.1	13
39	Modulation of different kelp life stages by herbivory: compensatory growth versus population decimation. <i>Marine Biology</i> , 2017, 164, 1.	1.5	12
40	Future range dynamics of the red alga <i>Capreolia implexa</i> in native and invaded regions: contrasting predictions from species distribution models versus physiological knowledge. <i>Biological Invasions</i> , 2020, 22, 1339-1352.	2.4	11
41	Physiological responses to variations in grazing and light conditions in native and invasive fucoids. <i>Marine Environmental Research</i> , 2018, 139, 151-161.	2.5	8
42	Atlantic corals under climate change: modelling distribution shifts to predict richness, phylogenetic structure and trait-diversity changes. <i>Biodiversity and Conservation</i> , 2019, 28, 3873-3890.	2.6	8
43	Half a century of thermal tolerance studies in springtails (Collembola): A review of metrics, spatial and temporal trends. <i>Current Research in Insect Science</i> , 2022, 2, 100023.	1.7	7
44	Environmental control of the annual erect phase of <i>Nemalion helminthoides</i> (Rhodophyta) in the field. <i>Scientia Marina</i> , 2010, 75, 263-271.	0.6	3