

Susana Enriquez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58

papers

3,532

citations

33

h-index

59

g-index

61

ext. papers

4,114

ext. citations

4.4

avg, IF

5.26

L-index

#	Paper	IF	Citations
58	The role of the endolithic alga <i>Ostreobium</i> spp. during coral bleaching recovery.. <i>Scientific Reports</i> , 2022 , 12, 2977	4.9	1
57	Seagrass Depth Distribution Mirrors Coastal Development in the Mexican Caribbean [An Automated Analysis of 800 Satellite Images. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	2
56	Towards a trait-based understanding of Symbiodiniaceae nutrient acquisition strategies. <i>Coral Reefs</i> , 2021 , 40, 625-639	4.2	4
55	Validation of parameters and protocols derived from chlorophyll a fluorescence commonly utilised in marine ecophysiological studies. <i>Functional Plant Biology</i> , 2021 ,	2.7	1
54	Elucidating gene expression adaptation of phylogenetically divergent coral holobionts under heat stress. <i>Nature Communications</i> , 2021 , 12, 5731	17.4	6
53	Remote underwater video reveals higher fish diversity and abundance in seagrass meadows, and habitat differences in trophic interactions. <i>Scientific Reports</i> , 2019 , 9, 6596	4.9	21
52	Structural complexity governs seagrass acclimatization to depth with relevant consequences for meadow production, macrophyte diversity and habitat carbon storage capacity. <i>Scientific Reports</i> , 2019 , 9, 14657	4.9	15
51	Remote Sensing of Coral Bleaching Using Temperature and Light: Progress towards an Operational Algorithm. <i>Remote Sensing</i> , 2018 , 10, 18	5	34
50	Absorptance determinations on multicellular tissues. <i>Photosynthesis Research</i> , 2017 , 132, 311-324	3.7	17
49	Key functional role of the optical properties of coral skeletons in coral ecology and evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	41
48	Seasonal variation modulates coral sensibility to heat-stress and explains annual changes in coral productivity. <i>Scientific Reports</i> , 2017 , 7, 4937	4.9	41
47	Light Absorption in Coralline Algae (Rhodophyta): A Morphological and Functional Approach to Understanding Species Distribution in a Coral Reef Lagoon. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	13
46	Changes in the Number of Symbionts and Symbiodinium Cell Pigmentation Modulate Differentially Coral Light Absorption and Photosynthetic Performance. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	19
45	Remote Sensing of Seagrass Leaf Area Index and Species: The Capability of a Model Inversion Method Assessed by Sensitivity Analysis and Hyperspectral Data of Florida Bay. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	16
44	Effect of Inorganic and Organic Carbon Enrichments (DIC and DOC) on the Photosynthesis and Calcification Rates of Two Calcifying Green Algae from a Caribbean Reef Lagoon. <i>PLoS ONE</i> , 2016 , 11, e0160268	3.7	7
43	Coralline algal physiology is more adversely affected by elevated temperature than reduced pH. <i>Scientific Reports</i> , 2016 , 6, 19030	4.9	53
42	Microstructural variation in oxygen isotopes and elemental calcium ratios in the coral skeleton of <i>Orbicella annularis</i> . <i>Chemical Geology</i> , 2015 , 419, 192-199	4.2	7

41	Leaf and canopy scale characterization of the photoprotective response to high-light stress of the seagrass <i>Thalassia testudinum</i> . <i>Limnology and Oceanography</i> , 2015 , 60, 286-302	4.8	31
40	Redefining thermal regimes to design reserves for coral reefs in the face of climate change. <i>PLoS ONE</i> , 2014 , 9, e110634	3.7	21
39	Direct contribution of the seagrass <i>Thalassia testudinum</i> to lime mud production. <i>Nature Communications</i> , 2014 , 5, 3835	17.4	38
38	Attributing reductions in coral calcification to the saturation state of aragonite, comments on the effects of persistent natural acidification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E300-1	11.5	6
37	Reserve design for uncertain responses of coral reefs to climate change. <i>Ecology Letters</i> , 2011 , 14, 132-40	40	120
36	Is the photo-acclimatory response of Rhodophyta conditioned by the species carotenoid profile?. <i>Limnology and Oceanography</i> , 2011 , 56, 2347-2361	4.8	17
35	Multiple light scattering and absorption in reef-building corals. <i>Applied Optics</i> , 2010 , 49, 5032-42	0.2	40
34	The Use of the Fluorescence Signal in Studies of Seagrasses and Macroalgae 2010 , 187-208		38
33	Optical properties of canopies of the tropical seagrass <i>Thalassia testudinum</i> estimated by a three-dimensional radiative transfer model. <i>Limnology and Oceanography</i> , 2010 , 55, 1537-1550	4.8	33
32	PHENOTYPIC PLASTICITY INDUCED IN TRANSPLANT EXPERIMENTS IN A MUTUALISTIC ASSOCIATION BETWEEN THE RED ALGA JANIA ADHAERENS (RHODOPHYTA, CORALLINALES) AND THE SPONGE HALICLONA CAERULEA (PORIFERA: HAPLOSCLERIDA): MORPHOLOGICAL RESPONSES OF THE ALGA(1). <i>Journal of Phycology</i> , 2009 , 45, 81-90	3	17
31	Mediterranean seagrasses. <i>Botanica Marina</i> , 2009 , 52,	1.8	28
30	Nitrogen fixation by symbiotic cyanobacteria provides a source of nitrogen for the scleractinian coral <i>Montastraea cavernosa</i> . <i>Marine Ecology - Progress Series</i> , 2007 , 346, 143-152	2.6	188
29	Leaf photoacclimatory responses of the tropical seagrass <i>Thalassia testudinum</i> under mesocosm conditions: a mechanistic scaling-up study. <i>New Phytologist</i> , 2007 , 176, 108-123	9.8	38
28	Impact of light limitation on seagrasses. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007 , 350, 176-193	2.1	280
27	Phenotypic plasticity in a mutualistic association between the sponge <i>Haliclona caerulea</i> and the calcareous macroalga <i>Jania adherens</i> induced by transplanting experiments. I: morphological responses of the sponge. <i>Marine Biology</i> , 2006 , 148, 467-478	2.5	37
26	Photosynthesis and light utilization in the Caribbean coral <i>Montastraea faveolata</i> recovering from a bleaching event. <i>Limnology and Oceanography</i> , 2006 , 51, 2702-2710	4.8	42
25	Response of holosymbiont pigments from the scleractinian coral <i>Montipora monasteriata</i> to short-term heat stress. <i>Limnology and Oceanography</i> , 2006 , 51, 1149-1158	4.8	97
24	Effect of water flow on the photosynthesis of three marine macrophytes from a fringing-reef lagoon. <i>Marine Ecology - Progress Series</i> , 2006 , 323, 119-132	2.6	47

23	Multiple scattering on coral skeletons enhances light absorption by symbiotic algae. <i>Limnology and Oceanography</i> , 2005 , 50, 1025-1032	4.8	259
22	Form-function analysis of the effect of canopy morphology on leaf self-shading in the seagrass <i>Thalassia testudinum</i> . <i>Oecologia</i> , 2005 , 145, 235-43	2.9	81
21	Light absorption efficiency and the package effect in the leaves of the seagrass <i>Thalassia testudinum</i> . <i>Marine Ecology - Progress Series</i> , 2005 , 289, 141-150	2.6	52
20	Annual variation in leaf photosynthesis and leaf nutrient content of four Mediterranean seagrasses. <i>Botanica Marina</i> , 2004 , 47,	1.8	30
19	Variation in Light Absorption Properties of <i>Mentha aquatica</i> L. as a Function of Leaf Form: Implications for Plant Growth. <i>International Journal of Plant Sciences</i> , 2003 , 164, 125-136	2.6	29
18	Variations in the photosynthetic performance along the leaves of the tropical seagrass <i>Thalassia testudinum</i> . <i>Marine Biology</i> , 2002 , 140, 891-900	2.5	80
17	Depth-acclimation of photosynthesis, morphology and demography of <i>Posidonia oceanica</i> and <i>Cymodocea nodosa</i> in the Spanish Mediterranean Sea. <i>Marine Ecology - Progress Series</i> , 2002 , 236, 89-97	2.6	112
16	Effects of seagrass <i>Thalassia testudinum</i> on sediment redox. <i>Marine Ecology - Progress Series</i> , 2001 , 219, 149-158	2.6	40
15	Epiphyte Accrual on <i>Posidonia oceanica</i> (L.) Delile Leaves: Implications for Light Absorption. <i>Botanica Marina</i> , 1999 , 42,	1.8	56
14	Magnitude and fate of the production of four co-occurring Western Mediterranean seagrass species. <i>Marine Ecology - Progress Series</i> , 1997 , 155, 29-44	2.6	74
13	Scaling Maximum Growth Rates Across Photosynthetic Organisms. <i>Functional Ecology</i> , 1996 , 10, 167	5.6	102
12	Broad-scale comparison of photosynthetic rates across phototrophic organisms. <i>Oecologia</i> , 1996 , 108, 197-206	2.9	76
11	Herbivory on <i>Posidonia oceanica</i> : magnitude and variability in the Spanish Mediterranean. <i>Marine Ecology - Progress Series</i> , 1996 , 130, 147-155	2.6	62
10	Growth patterns of Western Mediterranean seagrasses: species-specific responses to seasonal forcing. <i>Marine Ecology - Progress Series</i> , 1996 , 133, 203-215	2.6	120
9	Comparative functional plant ecology: rationale and potentials. <i>Trends in Ecology and Evolution</i> , 1995 , 10, 418-21	10.9	36
8	Patterns in the photosynthetic metabolism of Mediterranean macrophytes. <i>Marine Ecology - Progress Series</i> , 1995 , 119, 243-252	2.6	40
7	Light Harvesting Among Photosynthetic Organisms. <i>Functional Ecology</i> , 1994 , 8, 273	5.6	58
6	Light absorption by marine macrophytes. <i>Oecologia</i> , 1994 , 98, 121-129	2.9	65

5	Migration of large-scale subaqueous bedforms measured with seagrasses (<i>Cymodocea nodosa</i>) as tracers. <i>Limnology and Oceanography</i> , 1994 , 39, 126-133	4.8	51
4	Functional implications of the form of <i>Codium bursa</i> , a balloon-like Mediterranean macroalga. <i>Marine Ecology - Progress Series</i> , 1994 , 108, 153-160	2.6	7
3	Microbial heterotrophs within <i>Codium bursa</i> : a naturally isolated microbial food web. <i>Marine Ecology - Progress Series</i> , 1994 , 109, 275-282	2.6	3
2	Patterns in decomposition rates among photosynthetic organisms: the importance of detritus C:N:P content. <i>Oecologia</i> , 1993 , 94, 457-471	2.9	652
1	Light absorption by seagrass <i>Posidonia oceanica</i> leaves. <i>Marine Ecology - Progress Series</i> , 1992 , 86, 201-204	2.4	31