

Susana EnrÃ-quez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/371696/publications.pdf>

Version: 2024-02-01

60
papers

4,719
citations

117453

34
h-index

149479

56
g-index

61
all docs

61
docs citations

61
times ranked

4625
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of parameters and protocols derived from chlorophyll. <i>Functional Plant Biology</i> , 2022, 49, 517-532.	1.1	5
2	The role of the endolithic alga <i>Ostreobium</i> spp. during coral bleaching recovery. <i>Scientific Reports</i> , 2022, 12, 2977.	1.6	18
3	A Road Map for the Development of the Bleached Coral Phenotype. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	7
4	Towards a trait-based understanding of Symbiodiniaceae nutrient acquisition strategies. <i>Coral Reefs</i> , 2021, 40, 625-639.	0.9	12
5	Elucidating gene expression adaptation of phylogenetically divergent coral holobionts under heat stress. <i>Nature Communications</i> , 2021, 12, 5731.	5.8	29
6	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, .	1.2	4
7	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.	1.6	29
8	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.	1.6	33
9	Remote Sensing of Coral Bleaching Using Temperature and Light: Progress towards an Operational Algorithm. <i>Remote Sensing</i> , 2018, 10, 18.	1.8	54
10	Absorptance determinations on multicellular tissues. <i>Photosynthesis Research</i> , 2017, 132, 311-324.	1.6	28
11	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, 20161667.	1.2	102
12	Seasonal variation modulates coral sensibility to heat-stress and explains annual changes in coral productivity. <i>Scientific Reports</i> , 2017, 7, 4937.	1.6	70
13	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, .	1.2	20
14	Coralline algal physiology is more adversely affected by elevated temperature than reduced pH. <i>Scientific Reports</i> , 2016, 6, 19030.	1.6	75
15	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.	1.1	13
16	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.	1.6	37
17	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.	1.4	10
18	Redefining Thermal Regimes to Design Reserves for Coral Reefs in the Face of Climate Change. <i>PLoS ONE</i> , 2014, 9, e110634.	1.1	24

#	ARTICLE	IF	CITATIONS
19	Direct contribution of the seagrass <i>Thalassia testudinum</i> to lime mud production. <i>Nature Communications</i> , 2014, 5, 3835.	5.8	61
20	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.	3.3	10
21	Reserve design for uncertain responses of coral reefs to climate change. <i>Ecology Letters</i> , 2011, 14, 132-140.	3.0	145
22	Is the photo-acclimatory response of Rhodophyta conditioned by the species carotenoid profile?. <i>Limnology and Oceanography</i> , 2011, 56, 2347-2361.	1.6	23
23	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.	1.6	35
24	Multiple light scattering and absorption in reef-building corals. <i>Applied Optics</i> , 2010, 49, 5032.	2.1	68
25	The Use of the Fluorescence Signal in Studies of Seagrasses and Macroalgae. , 2010, , 187-208.		55
26	PHENOTYPIC PLASTICITY INDUCED IN TRANSPLANT EXPERIMENTS IN A MUTUALISTIC ASSOCIATION BETWEEN THE RED ALGA <i>JANIA ADHAERENS</i> (RHODOPHYTA, CORALLINALES) AND THE SPONGE <i>HALICLONA CAERULEA</i> (PORIFERA: HAPLOSCLERIDA): MORPHOLOGICAL RESPONSES OF THE ALGA ¹ . <i>Journal of Phycology</i> , 2009, 45, 81-90.	1.0	20
27	Mediterranean seagrasses. <i>Botanica Marina</i> , 2009, 52, 369-381.	0.6	37
28	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.	0.9	235
29	Leaf photoacclimatory responses of the tropical seagrass <i>Thalassia testudinum</i> under mesocosm conditions: a mechanistic scaling study. <i>New Phytologist</i> , 2007, 176, 108-123.	3.5	49
30	Impact of light limitation on seagrasses. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 350, 176-193.	0.7	374
31	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.	1.6	69
32	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.	1.6	114
33	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.	0.7	40
34	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.	0.9	53
35	Studies of absorption and scattering of light on a model coral. , 2006, , .		0
36	Multiple scattering on coral skeletons enhances light absorption by symbiotic algae. <i>Limnology and Oceanography</i> , 2005, 50, 1025-1032.	1.6	361

#	ARTICLE	IF	CITATIONS
37	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, 234-242.	0.9	108
38	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.	0.9	67
39	Annual variation in leaf photosynthesis and leaf nutrient content of four Mediterranean seagrasses. <i>Botanica Marina</i> , 2004, 47, .	0.6	34
40	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.	0.6	35
41	Variations in the photosynthetic performance along the leaves of the tropical seagrass <i>Thalassia testudinum</i> . <i>Marine Biology</i> , 2002, 140, 891-900.	0.7	98
42	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.	0.9	150
43	Effects of seagrass <i>Thalassia testudinum</i> on sediment redox. <i>Marine Ecology - Progress Series</i> , 2001, 219, 149-158.	0.9	55
44	Epiphyte Accrual on <i>Posidonia oceanica</i> (L.) Delile Leaves: Implications for Light Absorption. <i>Botanica Marina</i> , 1999, 42, .	0.6	70
45	Magnitude and fate of the production of four co-occurring Western Mediterranean seagrass species. <i>Marine Ecology - Progress Series</i> , 1997, 155, 29-44.	0.9	92
46	Broad-scale comparison of photosynthetic rates across phototrophic organisms. <i>Oecologia</i> , 1996, 108, 197-206.	0.9	91
47	Scaling Maximum Growth Rates Across Photosynthetic Organisms. <i>Functional Ecology</i> , 1996, 10, 167.	1.7	129
48	Herbivory on <i>Posidonia oceanica</i> : magnitude and variability in the Spanish Mediterranean. <i>Marine Ecology - Progress Series</i> , 1996, 130, 147-155.	0.9	74
49	Growth patterns of Western Mediterranean seagrasses: species-specific responses to seasonal forcing. <i>Marine Ecology - Progress Series</i> , 1996, 133, 203-215.	0.9	147
50	Comparative functional plant ecology: rationale and potentials. <i>Trends in Ecology and Evolution</i> , 1995, 10, 418-421.	4.2	42
51	Patterns in the photosynthetic metabolism of Mediterranean macrophytes. <i>Marine Ecology - Progress Series</i> , 1995, 119, 243-252.	0.9	49
52	Light Harvesting Among Photosynthetic Organisms. <i>Functional Ecology</i> , 1994, 8, 273.	1.7	86
53	Light absorption by marine macrophytes. <i>Oecologia</i> , 1994, 98, 121-129.	0.9	76
54	Migration of large-scale subaqueous bedforms measured with seagrasses (<i>Cymodocea nodosa</i>) as tracers. <i>Limnology and Oceanography</i> , 1994, 39, 126-133.	1.6	65

#	ARTICLE	IF	CITATIONS
55	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.	0.9	9
56	Microbial heterotrophs within <i>Codium bursa</i> : a naturally isolated microbial food web. <i>Marine Ecology - Progress Series</i> , 1994, 109, 275-282.	0.9	6
57	Patterns in decomposition rates among photosynthetic organisms: the importance of detritus C:N:P content. <i>Oecologia</i> , 1993, 94, 457-471.	0.9	800
58	Light absorption by seagrass <i>Posidonia oceanica</i> leaves. <i>Marine Ecology - Progress Series</i> , 1992, 86, 201-204.	0.9	36
59	Changes in the Number of Symbionts and Symbiodinium Cell Pigmentation Modulate Differentially Coral Light Absorption and Photosynthetic Performance. <i>Frontiers in Marine Science</i> , 0, 4, .	1.2	60
60	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> , 0, 4, .	1.2	21