

Paulo Antunes Horta

List of Publications by Year in descending order

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116
papers

3,212
citations

117625

34
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189892

50
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docs citations

120
times ranked

3678
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenotypic Plasticity in Sargassum Forests May Not Counteract Projected Biomass Losses Along a Broad Latitudinal Gradient. <i>Ecosystems</i> , 2023, 26, 29-41.	3.4	1
2	Diversity, distribution, and environmental drivers of coralline red algae: the major reef builders in the Southwestern Atlantic. <i>Coral Reefs</i> , 2022, 41, 711-725.	2.2	18
3	Cryptic diversity in non-geniculate coralline algae: a new genus <i>Roseolithon</i> (Hapalidiales). <i>Journal of Applied Phycology</i> , 2022, 33, 227-250.	2.0	9
4	Functional redundancy and stability in a subtidal macroalgal community in the Southwestern Atlantic coast. <i>Marine Environmental Research</i> , 2022, 173, 105519.	2.5	3
5	A blueprint for securing Brazil's marine biodiversity and supporting the achievement of global conservation goals. <i>Diversity and Distributions</i> , 2021, 27, 198-215.	4.1	55
6	Bottom Trawling Threatens Future Climate Refugia of Rhodoliths Globally. <i>Frontiers in Marine Science</i> , 2021, 7, .	2.5	27
7	A new model of Algal Turf Scrubber for bioremediation and biomass production using seaweed aquaculture principles. <i>Journal of Applied Phycology</i> , 2021, 33, 2577-2586.	2.8	12
8	Saxitoxins from the freshwater cyanobacterium <i>Raphidiopsis raciborskii</i> can contaminate marine mussels. <i>Harmful Algae</i> , 2021, 103, 102004.	4.8	9
9	Calcification in free-living coralline algae is strongly influenced by morphology: Implications for susceptibility to ocean acidification. <i>Scientific Reports</i> , 2021, 11, 11232.	3.3	4
10	Strain selection in <i>Chondracanthus teedei</i> (Gigartinales, Rhodophyta) using tetraspore and carpospore progeny: growth rates, tolerance to temperature and carrageenan yield. <i>Journal of Applied Phycology</i> , 2021, 33, 2379-2390.	2.8	2
11	Physiology, niche characteristics and extreme events: Current and future habitat suitability of a rhodolith-forming species in the Southwestern Atlantic. <i>Marine Environmental Research</i> , 2021, 169, 105394.	2.5	7
12	Major loss of coralline algal diversity in response to ocean acidification. <i>Global Change Biology</i> , 2021, 27, 4785-4798.	9.5	22
13	Beta-1,3-glucanase inhibitors in Brazilian brown seaweed. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20191402.	0.8	3
14	Environmental drivers of rhodolith beds and epiphytes community along the South Western Atlantic coast. <i>Marine Environmental Research</i> , 2020, 154, 104827.	2.5	38
15	Unraveling interactions: do temperature and competition with native species affect the performance of the non-indigenous sun coral <i>Tubastraea coccinea</i> ?. <i>Coral Reefs</i> , 2020, 39, 99-117.	2.2	10
16	How experimental physiology and ecological niche modelling can inform the management of marine bioinvasions?. <i>Science of the Total Environment</i> , 2020, 700, 134692.	8.0	10
17	Brazil oil spill response: Protect rhodolith beds. <i>Science</i> , 2020, 367, 156-156.	12.6	24
18	Decadal losses of canopy-forming algae along the warm temperate coastline of Brazil. <i>Global Change Biology</i> , 2020, 26, 1446-1457.	9.5	26

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19	Oil spill in South Atlantic (Brazil): Environmental and governmental disaster. <i>Marine Policy</i> , 2020, 115, 103879.	3.2	123
20	Golden carbon of Sargassum forests revealed as an opportunity for climate change mitigation. <i>Science of the Total Environment</i> , 2020, 729, 138745.	8.0	68
21	A review of common parameters and descriptors used in studies of the impacts of heavy metal pollution on marine macroalgae: identification of knowledge gaps and future needs. <i>Acta Botanica Brasilica</i> , 2020, 34, 460-477.	0.8	2
22	Marine Heatwaves, Sewage and Eutrophication Combine to Trigger Deoxygenation and Biodiversity Loss: A SW Atlantic Case Study. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	29
23	The effects of mining tailings in the physiology of benthic algae: Understanding the relation between mudâ€™s inductive acidification and the heavy metalâ€™s toxicity. <i>Environmental and Experimental Botany</i> , 2019, 167, 103818.	4.2	8
24	Reefâ€™building coralline algae from the Southwest Atlantic: filling gaps with the recognition of <i>Harveyolithon</i> (Corallinaceae, Rhodophyta) on the Brazilian coast. <i>Journal of Phycology</i> , 2019, 55, 1370-1385.	2.3	8
25	Multi-level phenotypic plasticity and the persistence of seagrasses along environmental gradients in a subtropical lagoon. <i>Aquatic Botany</i> , 2019, 157, 24-32.	1.6	7
26	Rhodolith primary and carbonate production in a changing ocean: The interplay of warming and nutrients. <i>Science of the Total Environment</i> , 2019, 676, 455-468.	8.0	22
27	Phytoremediation potential of <i>Ulva ohnoi</i> (Chlorophyta): Influence of temperature and salinity on the uptake efficiency and toxicity of cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 334-343.	6.0	22
28	<i>Hypnea musciformis</i> (Wulfen) J. V. Lamour. (Gigartinales, Rhodophyta) responses to gasoline short-term exposure: biochemical and cellular alterations. <i>Acta Botanica Brasilica</i> , 2019, 33, 116-127.	0.8	4
29	Seagrass can mitigate negative ocean acidification effects on calcifying algae. <i>Scientific Reports</i> , 2019, 9, 1932.	3.3	37
30	Physiological damages of <i>Sargassum cymosum</i> and <i>Hypnea pseudomusciformis</i> exposed to trace metals from mining tailing. <i>Environmental Science and Pollution Research</i> , 2019, 26, 36486-36498.	5.3	12
31	Interaction between salinity and phosphorus availability can influence seed production of <i>Ulva ohnoi</i> (Chlorophyta, Ulvales). <i>Environmental and Experimental Botany</i> , 2019, 167, 103860.	4.2	4
32	Ecophysiological implications of UV radiation in the interspecific interaction of <i>Pyropia acanthophora</i> and <i>Grateloupia turuturu</i> (Rhodophyta). <i>Marine Environmental Research</i> , 2019, 144, 36-45.	2.5	4
33	The influence of environmental features in the content of mycosporineâ€™like amino acids in red marine algae along the Brazilian coast. <i>Journal of Phycology</i> , 2018, 54, 380-390.	2.3	35
34	<i>Halimeda jolyana</i> (Bryopsidales, Chlorophyta) presents higher vulnerability to metal pollution at its lower temperature limits of distribution. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11775-11786.	5.3	3
35	Short-term interactive effects of increased temperatures and acidification on the calcifying macroalgae <i>Lithothamnion crispatum</i> and <i>Sonderophycus capensis</i> . <i>Aquatic Botany</i> , 2018, 148, 46-52.	1.6	9
36	Structural and physiological responses of <i>Halodule wrightii</i> to ocean acidification. <i>Protoplasma</i> , 2018, 255, 629-641.	2.1	10

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37	LIVR and PAR absorbing compounds of marine brown macroalgae along a latitudinal gradient of the Brazilian coast. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 165-174.	3.8	11
38	Spatial patterns and drivers of fish and benthic reef communities at São Tomé Island, Tropical Eastern Atlantic. <i>Marine Ecology</i> , 2018, 39, e12520.	1.1	13
39	Physiological and biochemical responses of a coralline alga and a sea urchin to climate change: Implications for herbivory. <i>Marine Environmental Research</i> , 2018, 142, 100-107.	2.5	20
40	Photoacclimation strategies in northeastern Atlantic seagrasses: Integrating responses across plant organizational levels. <i>Scientific Reports</i> , 2018, 8, 14825.	3.3	20
41	Global controls on carbon storage in mangrove soils. <i>Nature Climate Change</i> , 2018, 8, 534-538.	18.8	216
42	Kelps™ Long-Distance Dispersal: Role of Ecological/Oceanographic Processes and Implications to Marine Forest Conservation. <i>Diversity</i> , 2018, 10, 11.	1.7	34
43	Climate Change Feeds Climate Changes. <i>International Journal of Hydrology</i> , 2018, 2, .	0.6	1
44	The brown seaweed <i>Sargassum cymosum</i> : changes in metabolism and cellular organization after long-term exposure to cadmium. <i>Protoplasma</i> , 2017, 254, 817-837.	2.1	19
45	Interactive effects of marine heatwaves and eutrophication on the ecophysiology of a widespread and ecologically important macroalga. <i>Limnology and Oceanography</i> , 2017, 62, 2056-2075.	3.1	61
46	The floating <i>Sargassum</i> (Phaeophyceae) of the South Atlantic Ocean – likely scenarios. <i>Phycologia</i> , 2017, 56, 321-328.	1.4	85
47	Structure of macroalgal communities on tropical rocky shores inside and outside a marine protected area. <i>Marine Environmental Research</i> , 2017, 130, 150-156.	2.5	7
48	Rhodoliths in Brazil: Current knowledge and potential impacts of climate change. <i>Brazilian Journal of Oceanography</i> , 2016, 64, 117-136.	0.6	53
49	Seagrass and Submerged Aquatic Vegetation (VAS) Habitats off the Coast of Brazil: state of knowledge, conservation and main threats. <i>Brazilian Journal of Oceanography</i> , 2016, 64, 53-80.	0.6	45
50	Scaling mangrove aboveground biomass from site-level to continental-scale. <i>Global Ecology and Biogeography</i> , 2016, 25, 286-298.	5.8	73
51	Population expansion of a tropical seagrass (<i>Halophila decipiens</i>) in the southwest Atlantic (Brazil). <i>Aquatic Botany</i> , 2016, 132, 30-36.	1.6	25
52	Multivariate analyses of Antarctic and sub-Antarctic seaweed distribution patterns: An evaluation of the role of the Antarctic Circumpolar Current. <i>Journal of Sea Research</i> , 2016, 110, 29-38.	1.6	15
53	The Western South Atlantic Ocean in a High-CO2 World: Current Measurement Capabilities and Perspectives. <i>Environmental Management</i> , 2016, 57, 740-752.	2.7	19
54	Effects of copper and lead exposure on the ecophysiology of the brown seaweed <i>Sargassum cymosum</i> . <i>Protoplasma</i> , 2016, 253, 111-125.	2.1	34

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55	Effects of Ocean Acidification and Temperature Increases on the Photosynthesis of Tropical Reef Calcified Macroalgae. PLoS ONE, 2016, 11, e0154844.	2.5	31
56	First record of red macroalgae bloom in Southern Atlantic Brazil. Algae, 2016, 31, 33-39.	2.3	9
57	Effects of eutrophic seawater and temperature on the physiology and morphology of <i>Hypnea musciformis</i> J. V. Lamouroux (Gigartinales, Rhodophyta). Ecotoxicology, 2015, 24, 1040-1052.	2.4	14
58	Macroalgal responses to ocean acidification depend on nutrient and light levels. Frontiers in Marine Science, 2015, 2, .	2.5	77
59	Anatomical and ultrastructural adaptations of seagrass leaves: an evaluation of the southern Atlantic groups. Protoplasma, 2015, 252, 3-20.	2.1	5
60	Between-Habitat Variation of Benthic Cover, Reef Fish Assemblage and Feeding Pressure on the Benthos at the Only Atoll in South Atlantic: Rocas Atoll, NE Brazil. PLoS ONE, 2015, 10, e0127176.	2.5	62
61	Regional and local factors determining green turtle <i>Chelonia mydas</i> foraging relationships with the environment. Marine Ecology - Progress Series, 2015, 529, 265-277.	1.9	42
62	Direct Evidence for Gradual Ontogenetic Dietary Shift in the Green Turtle, <i>Chelonia mydas</i> . Chelonian Conservation and Biology, 2014, 13, 260-266.	0.6	20
63	<i>Spongites yendoi</i> (Foslie) Chamberlain (Corallinales, Rhodophyta) on the coast of Bahia, Brazil. Revista Brasileira De Botanica, 2014, 37, 637-641.	1.3	2
64	First record of the green alga <i>Halimeda</i> (Bryopsidales: Chlorophyta) at Rocas Atoll – natural dispersion or anthropogenic causes?. Marine Biodiversity Records, 2014, 7, .	1.2	5
65	Seaweed chemical diversity: an additional and efficient tool for coastal evaluation. Journal of Applied Phycology, 2014, 26, 2037-2045.	2.8	7
66	<i>Lithophyllum</i> species from Brazilian coast: range extension of <i>Lithophyllum margaritae</i> and description of <i>Lithophyllum atlanticum</i> sp. nov. (Corallinales, Corallinophycidae, Rhodophyta). Phytotaxa, 2014, 190, 355.	0.3	17
67	The genus <i>Melobesia</i> (Corallinales, Rhodophyta) from the subtropical South Atlantic, with the addition of <i>M. rosanoffii</i> (Foslie) Lemoine. Phytotaxa, 2014, 190, 268.	0.3	2
68	The Effect of Cadmium Under Different Salinity Conditions on the Cellular Architecture and Metabolism in the Red Alga <i>Pterocladia capillacea</i> (Rhodophyta, Gelidiales). Microscopy and Microanalysis, 2014, 20, 1411-1424.	0.4	14
69	<i>Mesophyllum erubescens</i> (Corallinales, Rhodophyta) – so many species in one epithet. Phytotaxa, 2014, 190, 299.	0.3	62
70	Taxonomic study of crustose coralline algae off the northeastern Brazilian coast. Phytotaxa, 2014, 190, 130.	0.3	11
71	Photosynthetic performance of restored and natural mangroves under different environmental constraints. Environmental Pollution, 2013, 181, 233-241.	7.5	18
72	Feeding ecology of the green turtle (<i>Chelonia mydas</i>) at rocky reefs in western South Atlantic. Marine Biology, 2013, 160, 3169-3179.	1.5	50

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73	Coastal urbanization leads to remarkable seaweed species loss and community shifts along the SW Atlantic. <i>Marine Pollution Bulletin</i> , 2013, 76, 106-115.	5.0	107
74	Metabolic and cellular alterations induced by diesel oil in <i>Hypnea musciformis</i> (Wulfen) J. V. Lamour. (Gigartinales, Rhodophyta). <i>Journal of Applied Phycology</i> , 2013, 26, 1879.	2.8	4
75	Salinity critical threshold values for photosynthesis of two cosmopolitan seaweed species: Providing baselines for potential shifts on seaweed assemblages. <i>Marine Environmental Research</i> , 2013, 91, 14-25.	2.5	28
76	Effects of UV-B radiation on <i>Gelidium floridanum</i> (Rhodophyta, Gelidiales): germination of tetraspores and early sporeling development. <i>Journal of Applied Phycology</i> , 2013, 25, 537-544.	2.8	4
77	Global environmental changes: setting priorities for Latin American coastal habitats. <i>Global Change Biology</i> , 2013, 19, 1965-1969.	9.5	48
78	Invasive potential of the coral <i>Tubastraea coccinea</i> in the southwest Atlantic. <i>Marine Ecology - Progress Series</i> , 2013, 480, 73-81.	1.9	47
79	Antioxidant properties and total phenolic contents of some tropical seaweeds of the Brazilian coast. <i>Journal of Applied Phycology</i> , 2013, 25, 1179-1187.	2.8	49
80	Anti-Infective Potential of Marine Invertebrates and Seaweeds from the Brazilian Coast. <i>Molecules</i> , 2013, 18, 5761-5778.	3.8	39
81	Seasonal and depth-driven changes in rhodolith bed structure and associated macroalgae off Arvoredo island (southeastern Brazil). <i>Aquatic Botany</i> , 2013, 111, 62-65.	1.6	44
82	Effects of temperature, salinity, irradiance, and nutrients on the development of carposporelings and tetrasporophytes in <i>Gracilaria domingensis</i> (Kütz.) Sonder ex Dickie (Rhodophyta). <i>Trends in Microbiology</i> , 2013, 21, 101-107.	2.1	10
83	Photosynthetic response of two seaweed species along an urban pollution gradient: Evidence of selection of pollution-tolerant species. <i>Marine Pollution Bulletin</i> , 2012, 64, 2380-2390.	5.0	37
84	Response of the agarophyte <i>Gelidium floridanum</i> after in vitro exposure to ultraviolet radiation B: changes in ultrastructure, pigments, and antioxidant systems. <i>Journal of Applied Phycology</i> , 2012, 24, 1341-1352.	2.8	23
85	Secondary succession impairment in restored mangroves. <i>Wetlands Ecology and Management</i> , 2012, 20, 447-459.	1.5	37
86	Responses of the macroalgae <i>Hypnea musciformis</i> after in vitro exposure to UV-B. <i>Aquatic Botany</i> , 2012, 100, 8-17.	1.6	52
87	Alterations in architecture and metabolism induced by ultraviolet radiation-B in the carragenophyte <i>Chondracanthus teedei</i> (Rhodophyta, Gigartinales). <i>Protoplasma</i> , 2012, 249, 353-367.	2.1	49
88	Influences of cadmium on fine structure and metabolism of <i>Hypnea musciformis</i> (Rhodophyta). <i>Trends in Microbiology</i> , 2012, 20, 42-48.	2.1	42
89	The impact of coastal urbanization on the structure of phytobenthic communities in southern Brazil. <i>Marine Pollution Bulletin</i> , 2012, 64, 772-778.	5.0	60
90	Evaluation of impacts of climate change and local stressors on the biotechnological potential of marine macroalgae: a brief theoretical discussion of likely scenarios. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 768-774.	1.4	10

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91	Influence of piers on functional groups of benthic primary producers and consumers in the channel of a subtropical coastal lagoon. <i>Brazilian Journal of Oceanography</i> , 2012, 60, 65-73.	0.6	8
92	Effects of Cadmium on Growth, Photosynthetic Pigments, Photosynthetic Performance, Biochemical Parameters and Structure of Chloroplasts in the Agarophyte <i>Gracilaria domingensis</i> (Rhodophyta, Gracilariales). <i>American Journal of Plant Sciences</i> , 2012, 03, 1077-1084.	0.8	42
93	<i>Dotyophycus pacificum</i> I. A. Abbott (Liagoraceae, Rhodophyta) a new record for the Atlantic Ocean. <i>Acta Botanica Brasilica</i> , 2011, 25, 241-248.	0.8	3
94	Growth and accumulation of carotenoids and nitrogen compounds in <i>Gracilaria domingensis</i> (Kütz.) Sonder ex Dickie (Gracilariales, Rhodophyta) cultured under different irradiance and nutrient levels. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 255-261.	1.4	10
95	Reef fish structure and distribution in a south-western Atlantic Ocean tropical island. <i>Journal of Fish Biology</i> , 2011, 79, 1984-2006.	1.6	44
96	Coastal habitat degradation and green sea turtle diets in Southeastern Brazil. <i>Marine Pollution Bulletin</i> , 2011, 62, 1297-1302.	5.0	51
97	Relationship between fibropapillomatosis and environmental quality: a case study with <i>Chelonia mydas</i> off Brazil. <i>Diseases of Aquatic Organisms</i> , 2010, 89, 87-95.	1.0	74
98	Effects of UVB radiation on the agarophyte <i>Gracilaria domingensis</i> (Rhodophyta, Gracilariales): Changes in cell organization, growth and photosynthetic performance. <i>Micron</i> , 2010, 41, 919-930.	2.2	61
99	<i>Lithothamnion superpositum</i> (Corallinales; Rhodophyta): First description for the Western Atlantic or rediscovery of a species?. <i>Phycological Research</i> , 2010, 58, 210-216.	1.6	17
100	Cultivation of native seaweed <i>Gracilaria domingensis</i> (Rhodophyta) in Southern Brazil. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 633-640.	0.5	14
101	Cytotoxic Halogenated Metabolites from the Brazilian Red Alga <i>Laurencia catarinensis</i> . <i>Journal of Natural Products</i> , 2010, 73, 27-32.	3.0	52
102	Macroalgas do Parcel do Carpinteiro - com a adição de <i>Rhododymenia delicatula</i> (Rhodophyta) à flora brasileira <p>doi: 10.50007/2178-4574.2008v37p53. <i>INSULA Revista De Botânica</i> , 2010, 37, .	0.0	0
103	Morfologia e reprodução de <i>Chondria curvilineata</i> F.S. Collins & Hervey (Rhodomelaceae, Tj ETQq1 1 0.784314 ggBT /Overlock 10	0.8	0
104	Isolation of elatol from <i>Laurencia microcladia</i> and its palatability to the sea urchin <i>Echinometra lucunter</i> . <i>Biochemical Systematics and Ecology</i> , 2009, 37, 254-259.	1.3	24
105	Rhodolith beds at the easternmost extreme of South America: Community structure of an endangered environment. <i>Aquatic Botany</i> , 2009, 90, 315-320.	1.6	63
106	Decrease in <i>Lithothamnion</i> sp. (Rhodophyta) primary production due to the deposition of a thin sediment layer. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 17-19.	0.8	57
107	Aspectos taxonômicos de três espécies de CORALINÁCEAS não geniculadas do litoral do estado da Bahia, Brasil. <i>Rodriguesia</i> , 2008, 59, 75-86.	0.9	17
108	Benthic marine algae of the coral reefs of Brazil: a literature review. <i>Oecologia Australis</i> , 2008, 12, 258-269.	0.2	19

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109	Subtidal benthic marine algae of the Marine State Park of Laje de Santos (São Paulo, Brazil). <i>Brazilian Journal of Oceanography</i> , 2006, 54, 225-234.	0.6	29
110	Avaliação de extratos de macroalgas bentônicas do litoral catarinense utilizando o teste de letalidade para <i>Artemia salina</i> . <i>Revista Brasileira De Farmacognosia</i> , 2006, 16, 158-163.	1.4	19
111	Atividade antioxidante in vitro de extratos de algumas algas verdes (Chlorophyta) do litoral catarinense (Brasil). <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2004, 40, 495-503.	0.5	7
112	Morphology and reproduction of <i>Predaea feldmannii</i> Bergesen (Nemastomataceae, Rhodophyta), an uncommon species from Brazil. <i>Revista Brasileira De Botanica</i> , 2004, 27, 507-513.	1.3	3
113	Some Delesseriaceae (Ceramiales, Rhodophyta) new to the southwestern Atlantic. <i>Revista Brasileira De Botanica</i> , 2001, 24, .	1.3	2
114	Morphology and reproduction of <i>Anotrichium yagii</i> (Ceramiales, Rhodophyta) – a new invader seaweed in the American Atlantic?. <i>Phycologia</i> , 2000, 39, 390-394.	1.4	12
115	Monitoramento de banco de rodólitos. , 0, , 48-61.		1
116	Rhodolith Physiology Across the Atlantic: Towards a Better Mechanistic Understanding of Intra- and Interspecific Differences. <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	2