Fernando P Lima

List of Publications by Year
in descending order

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57 papers	3,127 citations	172457 29 h-index	175258 52 g-index
59 all docs	59 docs citations	59 times ranked	4143 citing authors

#	Article	IF	Citations
1	Fine-scale abundance of rocky shore macroalgae species with distribution limits in NW Iberia in 2020/2021. Biodiversity Data Journal, 2022, 10, e80798.	0.8	2
2	Acclimatization in the bay scallop Argopecten irradians along a eutrophication gradient: insights from heartbeat rate measurements during a simulated hypoxic event. Marine and Freshwater Behaviour and Physiology, 2021, 54, 23-49.	0.9	4
3	Specific niche requirements underpin multidecadal range edge stability, but may introduce barriers for climate change adaptation. Diversity and Distributions, 2021, 27, 668-683.	4.1	15
4	Musical Chairs on Temperate Reefs: Species Turnover and Replacement Within Functional Groups Explain Regional Diversity Variation in Assemblages Associated With Honeycomb Worms. Frontiers in Marine Science, 2021, 8, .	2.5	4
5	Transcriptomic response of the intertidal limpet Patella vulgata to temperature extremes. Journal of Thermal Biology, 2021, 101, 103096.	2.5	4
6	A comprehensive assessment of the intertidal biodiversity along the Portuguese coast in the early 2000s. Biodiversity Data Journal, 2021, 9, e72961.	0.8	5
7	Environmental optima for an ecosystem engineer: a multidisciplinary trait-based approach. Scientific Reports, 2021, 11, 22986.	3.3	2
8	Temperature-related heart rate in water and air and a comparison to other temperature-related measures of performance in the fiddler crab Leptuca pugilator (Bosc 1802). Journal of Thermal Biology, 2020, 88, 102502.	2.5	7
9	Remotely-sensed L4 SST underestimates the thermal fingerprint of coastal upwelling. Remote Sensing of Environment, 2020, 237, 111588.	11.0	36
10	Spatial Variation in Thermal Stress Experienced by Barnacles on Rocky Shores: The Interplay Between Geographic Variation, Tidal Cycles and Microhabitat Temperatures. Frontiers in Marine Science, 2020, 7, .	2.5	10
11	Seascape genomics reveals population isolation in the reef-building honeycomb worm, Sabellaria alveolata (L.). BMC Evolutionary Biology, 2020, 20, 100.	3.2	1
12	Seasonal dynamics of native and invasive Halophila stipulacea populationsâ€"A case study from the northern Gulf of Aqaba and the eastern Mediterranean Sea. Aquatic Botany, 2020, 162, 103205.	1.6	14
13	Responses of Invasive and Native Populations of the Seagrass Halophila stipulacea to Simulated Climate Change. Frontiers in Marine Science, 2020, 6, .	2.5	44
14	Mapping physiology: biophysical mechanisms define scales of climate change impacts. , 2019, 7, coz028.		27
15	The Intertidal Zone of the North-East Atlantic Region. , 2019, , 7-46.		18
16	Reduced Nearshore Warming Associated With Eastern Boundary Upwelling Systems. Frontiers in Marine Science, 2019, 6, .	2.5	43
17	Cardiac responses of the bay scallop Argopecten irradians to diel-cycling hypoxia. Journal of Experimental Marine Biology and Ecology, 2018, 500, 18-29.	1.5	15
18	Biologists ignore ocean weather at their peril. Nature, 2018, 560, 299-301.	27.8	104

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19	Coastal warming and wind-driven upwelling: A global analysis. Science of the Total Environment, 2018, 639, 1501-1511.	8.0	57
20	Phylogeography and phylogeny of the genus Acanthonyx (Decapoda, Epialtidae) in the northâ€east Atlantic and Mediterranean. Zoologica Scripta, 2017, 46, 571-583.	1.7	3
21	Drivers of Cape Verde archipelagic endemism in keyhole limpets. Scientific Reports, 2017, 7, 41817.	3.3	14
22	Response of Two Mytilids to a Heatwave: The Complex Interplay of Physiology, Behaviour and Ecological Interactions. PLoS ONE, 2016, 11, e0164330.	2.5	34
23	A simplified biomimetic temperature logger for recording intertidal barnacle body temperatures. Limnology and Oceanography: Methods, 2016, 14, 448-455.	2.0	9
24	A remote monitoring and control system for ecosystem replication experiments. , 2016, , .		0
25	Remote Supervision System for Aquaculture Platforms. , 2016, , .		1
26	Equatorial range limits of an intertidal ectotherm are more linked to water than air temperature. Global Change Biology, 2016, 22, 3320-3331.	9.5	31
27	Loss of thermal refugia near equatorial range limits. Global Change Biology, 2016, 22, 254-263.	9.5	67
28	Ocean-wide tracking of pelagic sharks reveals extent of overlap with longline fishing hotspots. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1582-1587.	7.1	186
29	Exposure to solar radiation drives organismal vulnerability to climate: Evidence from an intertidal limpet. Journal of Thermal Biology, 2016, 57, 92-100.	2.5	23
30	Temperature Regimes Impact Coral Assemblages along Environmental Gradients on Lagoonal Reefs in Belize. PLoS ONE, 2016, 11, e0162098.	2.5	31
31	Understanding complex biogeographic responses to climate change. Scientific Reports, 2015, 5, 12930.	3.3	54
32	A lowâ€cost, versatile data logging system for ecological applications. Limnology and Oceanography: Methods, 2015, 13, 115-126.	2.0	22
33	Beyond long-term averages: making biological sense of a rapidly changing world. Climate Change Responses, 2014, 1, .	2.6	106
34	Thermal adaptation and clinal mitochondrial DNA variation of European anchovy. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20141093.	2.6	89
35	Evolution at a Different Pace: Distinctive Phylogenetic Patterns of Cone Snails from Two Ancient Oceanic Archipelagos. Systematic Biology, 2014, 63, 971-987.	5.6	14
36	An improved noninvasive method for measuring heartbeat of intertidal animals. Limnology and Oceanography: Methods, 2013, 11, 91-100.	2.0	74

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37	Decline of forereef corals in response to recent warming linked to history of thermal exposure. Nature Climate Change, 2012, 2, 756-760.	18.8	104
38	Fate of a climate-driven colonisation: Demography of newly established populations of the limpet Patella rustica Linnaeus, 1758, in northern Portugal. Journal of Experimental Marine Biology and Ecology, 2012, 438, 68-75.	1.5	15
39	Three decades of high-resolution coastal sea surface temperatures reveal more than warming. Nature Communications, 2012, 3, 704.	12.8	433
40	Change and stasis in marine hybrid zones in response to climate warming. Journal of Biogeography, 2012, 39, 676-687.	3.0	40
41	Phylogeography of the marine isopodStenosoma nadejda(Rezig, 1989) in North African Atlantic and western Mediterranean coasts reveals complex differentiation patterns and a new species. Biological Journal of the Linnean Society, 2011, 104, 419-431.	1.6	21
42	Response of intertidal populations to climate: Effects of extreme events versus long term change. Journal of Experimental Marine Biology and Ecology, 2011, 400, 132-144.	1.5	169
43	Side matters: Microhabitat influence on intertidal heat stress over a large geographical scale. Journal of Experimental Marine Biology and Ecology, 2011, 400, 200-208.	1.5	119
44	Rising environmental temperatures and biogeography: poleward range contraction of the blue mussel, Mytilus edulis L., in the western Atlantic. Journal of Biogeography, 2010, 37, 2243-2259.	3.0	166
45	Range shifts and species diversity in marine ecosystem engineers: patterns and predictions for European sedimentary habitats. Global Ecology and Biogeography, 2010, 19, 223-232.	5.8	48
46	Comparison of in situ and satelliteâ€derived (MODISâ€Aqua/Terra) methods for assessing temperatures on coral reefs. Limnology and Oceanography: Methods, 2010, 8, 107-117.	2.0	66
47	Forecasting the poleward range expansion of an intertidal species driven by climate alterations. Scientia Marina, 2010, 74, 669-676.	0.6	1
48	First record of Halidrys siliquosa on the Portuguese coast: counter-intuitive range expansion?. Marine Biodiversity Records, 2009, 2, .	1.2	47
49	Invasion or invisibility: using genetic and distributional data to investigate the alien or indigenous status of the Atlantic populations of the peracarid isopod, Stenosoma nadejda (Rezig 1989). Molecular Ecology, 2009, 18, 3283-3290.	3.9	29
50	Long-Term GPS Tracking of Ocean Sunfish Mola mola Offers a New Direction in Fish Monitoring. PLoS ONE, 2009, 4, e7351.	2.5	60
51	Robolimpets: measuring intertidal body temperatures using biomimetic loggers. Limnology and Oceanography: Methods, 2009, 7, 347-353.	2.0	70
52	Modelling past and present geographical distribution of the marine gastropod Patella rustica as a tool for exploring responses to environmental change. Global Change Biology, 2007, 13, 2065-2077.	9.5	48
53	Do distributional shifts of northern and southern species of algae match the warming pattern?. Global Change Biology, 2007, 13, 2592-2604.	9.5	287
54	Recent changes in the distribution of a marine gastropod, Patella rustica Linnaeus, 1758, and their relationship to unusual climatic events. Journal of Biogeography, 2006, 33, 812-822.	3.0	119

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55	Biogeographic Patterns of Intertidal Macroinvertebrates and their Association with Macroalgae Distribution along the Portuguese Coast. Hydrobiologia, 2006, 555, 185-192.	2.0	69
56	Using Asymmetrical Designs for Environmental Impact Assessment of Unplanned Disturbances. Hydrobiologia, 2006, 555, 223-227.	2.0	10
57	movement of blue shark, prionace glauca, in the north-east atlantic based on markâ€“recapture data. Journal of the Marine Biological Association of the United Kingdom, 2005, 85, 1107-1112.	0.8	35