

# Fernando P Lima

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Three decades of high-resolution coastal sea surface temperatures reveal more than warming. <i>Nature Communications</i> , 2012, 3, 704.	12.8	433
2	Do distributional shifts of northern and southern species of algae match the warming pattern?. <i>Global Change Biology</i> , 2007, 13, 2592-2604.	9.5	287
3	Ocean-wide tracking of pelagic sharks reveals extent of overlap with longline fishing hotspots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1582-1587.	7.1	186
4	Response of intertidal populations to climate: Effects of extreme events versus long term change. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 400, 132-144.	1.5	169
5	Rising environmental temperatures and biogeography: poleward range contraction of the blue mussel, <i>Mytilus edulis</i> L., in the western Atlantic. <i>Journal of Biogeography</i> , 2010, 37, 2243-2259.	3.0	166
6	Recent changes in the distribution of a marine gastropod, <i>Patella rustica</i> Linnaeus, 1758, and their relationship to unusual climatic events. <i>Journal of Biogeography</i> , 2006, 33, 812-822.	3.0	119
7	Side matters: Microhabitat influence on intertidal heat stress over a large geographical scale. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 400, 200-208.	1.5	119
8	Beyond long-term averages: making biological sense of a rapidly changing world. <i>Climate Change Responses</i> , 2014, 1, .	2.6	106
9	Decline of forereef corals in response to recent warming linked to history of thermal exposure. <i>Nature Climate Change</i> , 2012, 2, 756-760.	18.8	104
10	Biologists ignore ocean weather at their peril. <i>Nature</i> , 2018, 560, 299-301.	27.8	104
11	Thermal adaptation and clinal mitochondrial DNA variation of European anchovy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141093.	2.6	89
12	An improved noninvasive method for measuring heartbeat of intertidal animals. <i>Limnology and Oceanography: Methods</i> , 2013, 11, 91-100.	2.0	74
13	Robolimpets: measuring intertidal body temperatures using biomimetic loggers. <i>Limnology and Oceanography: Methods</i> , 2009, 7, 347-353.	2.0	70
14	Biogeographic Patterns of Intertidal Macroinvertebrates and their Association with Macroalgae Distribution along the Portuguese Coast. <i>Hydrobiologia</i> , 2006, 555, 185-192.	2.0	69
15	Loss of thermal refugia near equatorial range limits. <i>Global Change Biology</i> , 2016, 22, 254-263.	9.5	67
16	Comparison of in situ and satellite-derived (MODIS-Aqua/Terra) methods for assessing temperatures on coral reefs. <i>Limnology and Oceanography: Methods</i> , 2010, 8, 107-117.	2.0	66
17	Long-Term GPS Tracking of Ocean Sunfish <i>Mola mola</i> Offers a New Direction in Fish Monitoring. <i>PLoS ONE</i> , 2009, 4, e7351.	2.5	60
18	Coastal warming and wind-driven upwelling: A global analysis. <i>Science of the Total Environment</i> , 2018, 639, 1501-1511.	8.0	57

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19	Understanding complex biogeographic responses to climate change. <i>Scientific Reports</i> , 2015, 5, 12930.	3.3	54
20	Modelling past and present geographical distribution of the marine gastropod <i>Patella rustica</i> as a tool for exploring responses to environmental change. <i>Global Change Biology</i> , 2007, 13, 2065-2077.	9.5	48
21	Range shifts and species diversity in marine ecosystem engineers: patterns and predictions for European sedimentary habitats. <i>Global Ecology and Biogeography</i> , 2010, 19, 223-232.	5.8	48
22	First record of <i>Halidrys siliquosa</i> on the Portuguese coast: counter-intuitive range expansion?. <i>Marine Biodiversity Records</i> , 2009, 2, .	1.2	47
23	Responses of Invasive and Native Populations of the Seagrass <i>Halophila stipulacea</i> to Simulated Climate Change. <i>Frontiers in Marine Science</i> , 2020, 6, .	2.5	44
24	Reduced Nearshore Warming Associated With Eastern Boundary Upwelling Systems. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	43
25	Change and stasis in marine hybrid zones in response to climate warming. <i>Journal of Biogeography</i> , 2012, 39, 676-687.	3.0	40
26	Remotely-sensed L4 SST underestimates the thermal fingerprint of coastal upwelling. <i>Remote Sensing of Environment</i> , 2020, 237, 111588.	11.0	36
27	movement of blue shark, <i>prionace glauca</i> , in the north-east atlantic based on mark-recapture data. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 1107-1112.	0.8	35
28	Response of Two Mytilids to a Heatwave: The Complex Interplay of Physiology, Behaviour and Ecological Interactions. <i>PLoS ONE</i> , 2016, 11, e0164330.	2.5	34
29	Equatorial range limits of an intertidal ectotherm are more linked to water than air temperature. <i>Global Change Biology</i> , 2016, 22, 3320-3331.	9.5	31
30	Temperature Regimes Impact Coral Assemblages along Environmental Gradients on Lagoonal Reefs in Belize. <i>PLoS ONE</i> , 2016, 11, e0162098.	2.5	31
31	Invasion or invisibility: using genetic and distributional data to investigate the alien or indigenous status of the Atlantic populations of the peracarid isopod, <i>Stenosoma nadejda</i> (Rezig 1989). <i>Molecular Ecology</i> , 2009, 18, 3283-3290.	3.9	29
32	Mapping physiology: biophysical mechanisms define scales of climate change impacts. , 2019, 7, coz028.		27
33	Exposure to solar radiation drives organismal vulnerability to climate: Evidence from an intertidal limpet. <i>Journal of Thermal Biology</i> , 2016, 57, 92-100.	2.5	23
34	A low-cost, versatile data logging system for ecological applications. <i>Limnology and Oceanography: Methods</i> , 2015, 13, 115-126.	2.0	22
35	Phylogeography of the marine isopod <i>Stenosoma nadejda</i> (Rezig, 1989) in North African Atlantic and western Mediterranean coasts reveals complex differentiation patterns and a new species. <i>Biological Journal of the Linnean Society</i> , 2011, 104, 419-431.	1.6	21
36	The Intertidal Zone of the North-East Atlantic Region. , 2019, , 7-46.		18

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37	Fate of a climate-driven colonisation: Demography of newly established populations of the limpet <i>Patella rustica</i> Linnaeus, 1758, in northern Portugal. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 438, 68-75.	1.5	15
38	Cardiac responses of the bay scallop <i>Argopecten irradians</i> to diel-cycling hypoxia. <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 500, 18-29.	1.5	15
39	Specific niche requirements underpin multidecadal range edge stability, but may introduce barriers for climate change adaptation. <i>Diversity and Distributions</i> , 2021, 27, 668-683.	4.1	15
40	Evolution at a Different Pace: Distinctive Phylogenetic Patterns of Cone Snails from Two Ancient Oceanic Archipelagos. <i>Systematic Biology</i> , 2014, 63, 971-987.	5.6	14
41	Drivers of Cape Verde archipelagic endemism in keyhole limpets. <i>Scientific Reports</i> , 2017, 7, 41817.	3.3	14
42	Seasonal dynamics of native and invasive <i>Halophila stipulacea</i> populations – A case study from the northern Gulf of Aqaba and the eastern Mediterranean Sea. <i>Aquatic Botany</i> , 2020, 162, 103205.	1.6	14
43	Using Asymmetrical Designs for Environmental Impact Assessment of Unplanned Disturbances. <i>Hydrobiologia</i> , 2006, 555, 223-227.	2.0	10
44	Spatial Variation in Thermal Stress Experienced by Barnacles on Rocky Shores: The Interplay Between Geographic Variation, Tidal Cycles and Microhabitat Temperatures. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	10
45	A simplified biomimetic temperature logger for recording intertidal barnacle body temperatures. <i>Limnology and Oceanography: Methods</i> , 2016, 14, 448-455.	2.0	9
46	Temperature-related heart rate in water and air and a comparison to other temperature-related measures of performance in the fiddler crab <i>Leptuca pugilator</i> (Bosc 1802). <i>Journal of Thermal Biology</i> , 2020, 88, 102502.	2.5	7
47	A comprehensive assessment of the intertidal biodiversity along the Portuguese coast in the early 2000s. <i>Biodiversity Data Journal</i> , 2021, 9, e72961.	0.8	5
48	Acclimatization in the bay scallop <i>Argopecten irradians</i> along a eutrophication gradient: insights from heartbeat rate measurements during a simulated hypoxic event. <i>Marine and Freshwater Behaviour and Physiology</i> , 2021, 54, 23-49.	0.9	4
49	Musical Chairs on Temperate Reefs: Species Turnover and Replacement Within Functional Groups Explain Regional Diversity Variation in Assemblages Associated With Honeycomb Worms. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	4
50	Transcriptomic response of the intertidal limpet <i>Patella vulgata</i> to temperature extremes. <i>Journal of Thermal Biology</i> , 2021, 101, 103096.	2.5	4
51	Phylogeography and phylogeny of the genus <i>Acanthonyx</i> (Decapoda, Epialtidae) in the north-east Atlantic and Mediterranean. <i>Zoologica Scripta</i> , 2017, 46, 571-583.	1.7	3
52	Environmental optima for an ecosystem engineer: a multidisciplinary trait-based approach. <i>Scientific Reports</i> , 2021, 11, 22986.	3.3	2
53	Fine-scale abundance of rocky shore macroalgae species with distribution limits in NW Iberia in 2020/2021. <i>Biodiversity Data Journal</i> , 2022, 10, e80798.	0.8	2
54	Remote Supervision System for Aquaculture Platforms. , 2016, , .		1

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55	Seascape genomics reveals population isolation in the reef-building honeycomb worm, <i>Sabellaria alveolata</i> (L.). <i>BMC Evolutionary Biology</i> , 2020, 20, 100.	3.2	1
56	Forecasting the poleward range expansion of an intertidal species driven by climate alterations. <i>Scientia Marina</i> , 2010, 74, 669-676.	0.6	1
57	A remote monitoring and control system for ecosystem replication experiments. , 2016, , .		0