

Cristina Linares

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

4,796
citations

109321

35
h-index

114465

63
g-index

107
all docs

107
docs citations

107
times ranked

4686
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Mass mortality in Northwestern Mediterranean rocky benthic communities: effects of the 2003 heat wave. <i>Global Change Biology</i> , 2009, 15, 1090-1103. | 9.5 | 786 |
| 2 | Living dangerously on borrowed time during slow, unrecognized regime shifts. <i>Trends in Ecology and Evolution</i> , 2013, 28, 149-155. | 8.7 | 301 |
| 3 | Living evidence of a fossil survival strategy raises hope for warming-affected corals. <i>Science Advances</i> , 2019, 5, eaax2950. | 10.3 | 173 |
| 4 | The effects of predator abundance and habitat structural complexity on survival of juvenile sea urchins. <i>Marine Biology</i> , 2005, 146, 293-299. | 1.5 | 163 |
| 5 | Size distribution, density and disturbance in two Mediterranean gorgonians: <i>Paramuricea clavata</i> and <i>Eunicella singularis</i> . <i>Journal of Applied Ecology</i> , 2008, 45, 688-699. | 4.0 | 151 |
| 6 | Marine heatwaves drive recurrent mass mortalities in the Mediterranean Sea. <i>Global Change Biology</i> , 2022, 28, 5708-5725. | 9.5 | 144 |
| 7 | Immediate and delayed effects of a mass mortality event on gorgonian population dynamics and benthic community structure in the NW Mediterranean Sea. <i>Marine Ecology - Progress Series</i> , 2005, 305, 127-137. | 1.9 | 143 |
| 8 | LIFE HISTORY AND VIABILITY OF A LONG-LIVED MARINE INVERTEBRATE: THE OCTOCORALPARAMURICEA CLAVATA. <i>Ecology</i> , 2007, 88, 918-928. | 3.2 | 122 |
| 9 | Collaborative Database to Track Mass Mortality Events in the Mediterranean Sea. <i>Frontiers in Marine Science</i> , 2019, 6, . | 2.5 | 104 |
| 10 | Temporal and spatial variability in settlement of the sea urchin <i>Paracentrotus lividus</i> in the NW Mediterranean. <i>Marine Biology</i> , 2004, 144, 1011-1018. | 1.5 | 101 |
| 11 | Consequences of a mass mortality in populations of <i>Eunicella singularis</i> (Cnidaria: Octocorallia) in Menorca (NW Mediterranean). <i>Marine Ecology - Progress Series</i> , 2006, 327, 51-60. | 1.9 | 84 |
| 12 | Impacts on Coralligenous Outcrop Biodiversity of a Dramatic Coastal Storm. <i>PLoS ONE</i> , 2013, 8, e53742. | 2.5 | 79 |
| 13 | Long-Term Responses of the Endemic Reef-Builder <i>Cladocora caespitosa</i> to Mediterranean Warming. <i>PLoS ONE</i> , 2013, 8, e70820. | 2.5 | 77 |
| 14 | Exploring the effects of invasive algae on the persistence of gorgonian populations. <i>Biological Invasions</i> , 2012, 14, 2647-2656. | 2.4 | 66 |
| 15 | Copernicus Marine Service Ocean State Report, Issue 3. <i>Journal of Operational Oceanography</i> , 2019, 12, S1-S123. | 1.2 | 66 |
| 16 | Biodiversity loss in a Mediterranean ecosystem due to an extreme warming event unveils the role of an engineering gorgonian species. <i>Scientific Reports</i> , 2019, 9, 5911. | 3.3 | 66 |
| 17 | Unpublished Mediterranean records of marine alien and cryptogenic species. <i>BiolInvasions Records</i> , 2020, 9, 165-182. | 1.1 | 66 |
| 18 | Size and spatial structure in deep versus shallow populations of the Mediterranean gorgonian <i>Eunicella singularis</i> (Cap de Creus, northwestern Mediterranean Sea). <i>Marine Biology</i> , 2011, 158, 1721-1732. | 1.5 | 65 |

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|----|---|-----|-----------|
| 19 | Temporal variation in protein, carbohydrate, and lipid concentrations in <i>Paramuricea clavata</i> (Anthozoa, Octocorallia): evidence for summer–autumn feeding constraints. <i>Marine Biology</i> , 2006, 149, 643-651. | 1.5 | 63 |
| 20 | Spatial variability in reproductive cycle of the gorgonians <i>Paramuricea clavata</i> and <i>Eunicella singularis</i> (Anthozoa, Octocorallia) in the Western Mediterranean Sea. <i>Marine Biology</i> , 2007, 151, 1571-1584. | 1.5 | 61 |
| 21 | Biogeographic Differences in the Microbiome and Pathobiome of the Coral <i>Cladocora caespitosa</i> in the Western Mediterranean Sea. <i>Frontiers in Microbiology</i> , 2018, 9, 22. | 3.5 | 58 |
| 22 | Early life history of the Mediterranean gorgonian <i>Paramuricea clavata</i> : implications for population dynamics. <i>Invertebrate Biology</i> , 2008, 127, 1-11. | 0.9 | 56 |
| 23 | Persistent natural acidification drives major distribution shifts in marine benthic ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150587. | 2.6 | 56 |
| 24 | Multiple Processes Regulate Long-Term Population Dynamics of Sea Urchins on Mediterranean Rocky Reefs. <i>PLoS ONE</i> , 2012, 7, e36901. | 2.5 | 54 |
| 25 | Effects of a mass mortality event on gorgonian reproduction. <i>Coral Reefs</i> , 2008, 27, 27-34. | 2.2 | 46 |
| 26 | Restoration of threatened red gorgonian populations: An experimental and modelling approach. <i>Biological Conservation</i> , 2008, 141, 427-437. | 4.1 | 46 |
| 27 | The Yellow Gorgonian <i>Eunicella cavolini</i> : Demography and Disturbance Levels across the Mediterranean Sea. <i>PLoS ONE</i> , 2015, 10, e0126253. | 2.5 | 46 |
| 28 | Sea Urchins Predation Facilitates Coral Invasion in a Marine Reserve. <i>PLoS ONE</i> , 2011, 6, e22017. | 2.5 | 46 |
| 29 | Accounting for Life–History Strategies and Timescales in Marine Restoration. <i>Conservation Letters</i> , 2018, 11, e12341. | 5.7 | 45 |
| 30 | Marine Protected Areas and the conservation of long-lived marine invertebrates: the Mediterranean red coral. <i>Marine Ecology - Progress Series</i> , 2010, 402, 69-79. | 1.9 | 44 |
| 31 | <i>Cladocora caespitosa</i> bioconstructions in the Columbretes Islands Marine Reserve (Spain, NW) Tj ETQq1 1 0,784314 rgBT /Ove | 1.1 | 44 |
| 32 | Recolonisation of <i>Acropora hyacinthus</i> following climate-induced coral bleaching on the Great Barrier Reef. <i>Marine Ecology - Progress Series</i> , 2011, 438, 97-104. | 1.9 | 44 |
| 33 | Climate change transforms the functional identity of Mediterranean coralligenous assemblages. <i>Ecology Letters</i> , 2021, 24, 1038-1051. | 6.4 | 43 |
| 34 | Do native herbivores provide resistance to Mediterranean marine bioinvasions? A seaweed example. <i>Biological Invasions</i> , 2011, 13, 1397-1408. | 2.4 | 40 |
| 35 | Experimental evidence of the synergistic effects of warming and invasive algae on a temperate reef-builder coral. <i>Scientific Reports</i> , 2015, 5, 18635. | 3.3 | 39 |
| 36 | Effects of turf algae on recruitment and juvenile survival of gorgonian corals. <i>Marine Ecology - Progress Series</i> , 2012, 452, 81-88. | 1.9 | 38 |

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|----|---|-----|-----------|
| 37 | Combining Genetic and Demographic Data for the Conservation of a Mediterranean Marine Habitat-Forming Species. PLoS ONE, 2015, 10, e0119585. | 2.5 | 38 |
| 38 | Longevity, body dimension and reproductive mode drive differences in aquatic versus terrestrial lifeâ€”history strategies. Functional Ecology, 2020, 34, 1613-1625. | 3.6 | 38 |
| 39 | Forecasting the combined effects of disparate disturbances on the persistence of long-lived gorgonians: a case study of <i>Paramuricea clavata</i> . Marine Ecology - Progress Series, 2010, 402, 59-68. | 1.9 | 37 |
| 40 | Assessing the Effectiveness of Marine Reserves on Unsustainably Harvested Longâ€”Lived Sessile Invertebrates. Conservation Biology, 2012, 26, 88-96. | 4.7 | 36 |
| 41 | Warming impacts on early life stages increase the vulnerability and delay the population recovery of a longâ€”lived habitatâ€”forming macroalga. Journal of Ecology, 2019, 107, 1129-1140. | 4.0 | 33 |
| 42 | Ordinary and Extraordinary Movement Behaviour of Small Resident Fish within a Mediterranean Marine Protected Area. PLoS ONE, 2016, 11, e0159813. | 2.5 | 33 |
| 43 | Spatial and temporal variability of deep-water algal assemblages in the Northwestern Mediterranean: The effects of an exceptional storm. Estuarine, Coastal and Shelf Science, 2011, 95, 52-58. | 2.1 | 32 |
| 44 | Increased predation of juvenile European spiny lobster (<i>Palinurus elephas</i>) in a marine protected area. New Zealand Journal of Marine and Freshwater Research, 2005, 39, 447-453. | 2.0 | 31 |
| 45 | Habitat mapping in the European Seas - is it fit for purpose in the marine restoration agenda?. Marine Policy, 2019, 106, 103521. | 3.2 | 31 |
| 46 | A Roadmap for the Restoration of Mediterranean Macroalgal Forests. Frontiers in Marine Science, 2021, 8, . | 2.5 | 30 |
| 47 | From marine deserts to algal beds: <i>Treptacantha elegans</i> revegetation to reverse stable degraded ecosystems inside and outside a Noâ€”take marine reserve. Restoration Ecology, 2020, 28, 632-644. | 2.9 | 27 |
| 48 | Habitat Features and Their Influence on the Restoration Potential of Marine Habitats in Europe. Frontiers in Marine Science, 2020, 7, . | 2.5 | 27 |
| 49 | Does thermal history influence the tolerance of temperate gorgonians to future warming?. Marine Environmental Research, 2013, 89, 45-52. | 2.5 | 26 |
| 50 | Re-shifting the ecological baseline for the overexploited Mediterranean red coral. Scientific Reports, 2017, 7, 42404. | 3.3 | 26 |
| 51 | Regional and local environmental conditions do not shape the response to warming of a marine habitat-forming species. Scientific Reports, 2017, 7, 5069. | 3.3 | 26 |
| 52 | Strong linkages between depth, longevity and demographic stability across marine sessile species. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172688. | 2.6 | 26 |
| 53 | Effects of food availability on the sexual reproduction and biochemical composition of the Mediterranean gorgonian <i>Paramuricea clavata</i> . Journal of Experimental Marine Biology and Ecology, 2013, 444, 38-45. | 1.5 | 25 |
| 54 | Harvesting Effects, Recovery Mechanisms, and Management Strategies for a Long-Lived and Structural Precious Coral. PLoS ONE, 2015, 10, e0117250. | 2.5 | 25 |

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|----|--|-----|-----------|
| 55 | Response diversity in Mediterranean coralligenous assemblages facing climate change: Insights from a multispecific thermotolerance experiment. <i>Ecology and Evolution</i> , 2019, 9, 4168-4180. | 1.9 | 25 |
| 56 | Effective dispersal and density-dependence in mesophotic macroalgal forests: Insights from the Mediterranean species <i>Cystoseira zosteroides</i> . <i>PLoS ONE</i> , 2018, 13, e0191346. | 2.5 | 25 |
| 57 | Where Is More Important Than How in Coastal and Marine Ecosystems Restoration. <i>Frontiers in Marine Science</i> , 2021, 8, . | 2.5 | 25 |
| 58 | Population structure and conservation status of the red gorgonian <i>Paramuricea clavata</i> (Risso, 1826) in the Eastern Adriatic Sea. <i>Marine Ecology</i> , 2015, 36, 982-993. | 1.1 | 24 |
| 59 | Thermal stratification drives movement of a coastal apex predator. <i>Scientific Reports</i> , 2017, 7, 526. | 3.3 | 24 |
| 60 | Divergent responses to warming of two common co-occurring Mediterranean bryozoans. <i>Scientific Reports</i> , 2018, 8, 17455. | 3.3 | 24 |
| 61 | Needs and Gaps in Optical Underwater Technologies and Methods for the Investigation of Marine Animal Forest 3D-Structural Complexity. <i>Frontiers in Marine Science</i> , 2021, 8, . | 2.5 | 24 |
| 62 | Structure and biodiversity of coralligenous assemblages dominated by the precious red coral <i>Corallium rubrum</i> over broad spatial scales. <i>Scientific Reports</i> , 2016, 6, 36535. | 3.3 | 23 |
| 63 | Recruitment and mortality of the temperate coral <i>Cladocora caespitosa</i> : implications for the recovery of endangered populations. <i>Coral Reefs</i> , 2014, 33, 403-407. | 2.2 | 22 |
| 64 | Recruitment patterns in the Mediterranean deep-water alga <i>Cystoseira zosteroides</i> . <i>Marine Biology</i> , 2015, 162, 1165-1174. | 1.5 | 22 |
| 65 | Unexpected patterns in the sexual reproduction of the Mediterranean scleractinian coral <i>Cladocora caespitosa</i> . <i>Marine Ecology - Progress Series</i> , 2013, 486, 165-171. | 1.9 | 22 |
| 66 | A critical comparison of integral projection and matrix projection models for demographic analysis. <i>Ecological Monographs</i> , 2021, 91, e01447. | 5.4 | 21 |
| 67 | Marine protected areas enhance structural complexity but do not buffer the consequences of ocean warming for an overexploited precious coral. <i>Journal of Applied Ecology</i> , 2019, 56, 1063-1074. | 4.0 | 20 |
| 68 | First attempts towards the restoration of gorgonian populations on the Mediterranean continental shelf. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1278-1284. | 2.0 | 20 |
| 69 | Unravelling the natural dynamics and resilience patterns of underwater Mediterranean forests: insights from the demography of the brown alga <i>Cystoseira zosteroides</i> . <i>Journal of Ecology</i> , 2016, 104, 1799-1808. | 4.0 | 19 |
| 70 | Demographic responses to warming: reproductive maturity and sex influence vulnerability in an octocoral. <i>Coral Reefs</i> , 2015, 34, 1207-1216. | 2.2 | 18 |
| 71 | No-take marine reserves control the recovery of sea urchin populations after mass mortality events. <i>Marine Environmental Research</i> , 2019, 145, 147-154. | 2.5 | 18 |
| 72 | Postglacial range expansion shaped the spatial genetic structure in a marine habitat-forming species: Implications for conservation plans in the Eastern Adriatic Sea. <i>Journal of Biogeography</i> , 2018, 45, 2645-2657. | 3.0 | 17 |

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|----|---|-----|-----------|
| 73 | Effects of thermal stress on early developmental stages of a gorgonian coral. <i>Marine Ecology - Progress Series</i> , 2012, 470, 69-78. | 1.9 | 16 |
| 74 | Invasive macrophytes in a marine reserve (Columbretes Islands, NW Mediterranean): spread dynamics and interactions with the endemic scleractinian coral <i>Cladocora caespitosa</i> . <i>Biological Invasions</i> , 2014, 16, 1599. | 2.4 | 16 |
| 75 | A new large-scale and cost-effective restoration method for cold-water coral gardens. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 977-987. | 2.0 | 16 |
| 76 | Sliding Toward the Collapse of Mediterranean Coastal Marine Rocky Ecosystems. <i>Ecological Studies</i> , 2021, , 291-324. | 1.2 | 16 |
| 77 | Population collapse of habitat-forming species in the Mediterranean: a long-term study of gorgonian populations affected by recurrent marine heatwaves. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20212384. | 2.6 | 12 |
| 78 | Ecological traits, genetic diversity and regional distribution of the macroalga <i>Treptacantha elegans</i> along the Catalan coast (NW Mediterranean Sea). <i>Scientific Reports</i> , 2020, 10, 19219. | 3.3 | 11 |
| 79 | Assessing the impact of population decline on mating system in the overexploited Mediterranean red coral. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1149-1159. | 2.0 | 11 |
| 80 | Active Ecological Restoration of Cold-Water Corals: Techniques, Challenges, Costs and Future Directions. <i>Frontiers in Marine Science</i> , 2021, 8, . | 2.5 | 11 |
| 81 | Elemental systematics of the calcitic skeleton of <i>Corallium rubrum</i> and implications for the Mg/Ca temperature proxy. <i>Chemical Geology</i> , 2019, 524, 237-258. | 3.3 | 10 |
| 82 | Long-term monitoring of temperate macroalgal assemblages inside and outside a No take marine reserve. <i>Marine Environmental Research</i> , 2020, 153, 104826. | 2.5 | 10 |
| 83 | Assessing the effectiveness of restoration actions for Bryozoans: The case of the Mediterranean <i>Pentapora fascialis</i> . <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 8-19. | 2.0 | 10 |
| 84 | Exploring the oxygen and carbon isotopic composition of the Mediterranean red coral (<i>Corallium</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> | 2.3 | 9 |
| 85 | Editorial: Biogenic Reefs at Risk: Facing Globally Widespread Local Threats and Their Interaction With Climate Change. <i>Frontiers in Marine Science</i> , 2021, 8, . | 2.5 | 9 |
| 86 | Long-term shifts in the north western Mediterranean coastal seascape: The habitat-forming seaweed <i>Codium vermilara</i> . <i>Marine Pollution Bulletin</i> , 2018, 127, 334-341. | 5.0 | 8 |
| 87 | Involving fishers in scaling up the restoration of cold-water coral gardens on the Mediterranean continental shelf. <i>Biological Conservation</i> , 2021, 262, 109301. | 4.1 | 8 |
| 88 | Demo-Genetic Approach for the Conservation and Restoration of a Habitat-Forming Octocoral: The Case of Red Coral, <i>Corallium rubrum</i> , in the Réserve Naturelle de Scandola. <i>Frontiers in Marine Science</i> , 2021, 8, . | 2.5 | 7 |
| 89 | The Genome Sequence of the Octocoral <i>Paramuricea clavata</i> – A Key Resource To Study the Impact of Climate Change in the Mediterranean. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2941-2952. | 1.8 | 6 |
| 90 | Progress in the discovery of extant and fossil bryozoans. <i>Marine Ecology - Progress Series</i> , 2020, 635, 71-79. | 1.9 | 6 |

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|-----|---|------|-----------|
| 91 | Protect Catalonia's corals despite politics. <i>Science</i> , 2019, 363, 135-136. | 12.6 | 5 |
| 92 | Unravelling the population dynamics of the Mediterranean bryozoan <i>Pentapora fascialis</i> to assess its role as an indicator of recreational diving for adaptive management of marine protected areas. <i>Ecological Indicators</i> , 2020, 109, 105781. | 6.3 | 5 |
| 93 | Gradients of genetic diversity and differentiation across the distribution range of a Mediterranean coral: Patterns, processes and conservation implications. <i>Diversity and Distributions</i> , 2021, 27, 2104-2123. | 4.1 | 5 |
| 94 | Improving structured population models with more realistic representations of non-normal growth. <i>Methods in Ecology and Evolution</i> , 2019, 10, 1431-1444. | 5.2 | 4 |
| 95 | Warming may increase the vulnerability of calcareous algae to bioinvasions. <i>Marine Pollution Bulletin</i> , 2021, 173, 113099. | 5.0 | 3 |
| 96 | Rapid recovery from injuries in the temperate long-lived coral <i>Cladocora caespitosa</i> . <i>Marine Biodiversity</i> , 2015, 45, 135-137. | 1.0 | 2 |
| 97 | Exploration of the inter-annual variability and multi-scale environmental drivers of European spiny lobster, <i>Palinurus elephas</i> (Decapoda: Palinuridae) settlement in the NW Mediterranean. <i>Marine Ecology</i> , 2021, 42, e12654. | 1.1 | 2 |
| 98 | Population structure and conservation status of the white gorgonian <i>Eunicella singularis</i> (Esper.) <i>Tj ETQq0 0 0 rgBT, /Overlock_10 Tf 50 4</i> | 1.6 | 0 |
| 99 | Testing Demographic Methods Using Field Studies of Five Dissimilar Species. <i>Bulletin of the Ecological Society of America</i> , 2021, 102, e01870. | 0.2 | 0 |
| 100 | Life after death? Fossil survival strategy rediscovered in living corals. <i>TheScienceBreaker</i> , 2020, 06, . | 0.0 | 0 |