

# Jennifer Caselle

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

4,853  
citations

94433

37  
h-index

98798

67  
g-index

91  
all docs

91  
docs citations

91  
times ranked

5216  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Larval retention and recruitment in an island population of a coral-reef fish. <i>Nature</i> , 1999, 402, 799-802.  | 27.8 | 664       |
| 2  | Global patterns of kelp forest change over the past half-century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13785-13790.                                  | 7.1  | 511       |
| 3  | CURRENT SHIFTS AND KIN AGGREGATION EXPLAIN GENETIC PATCHINESS IN FISH RECRUITS. <i>Ecology</i> , 2006, 87, 3082-3094.   | 3.2  | 191       |
| 4  | Biocultural approaches to well-being and sustainability indicators across scales. <i>Nature Ecology and Evolution</i> , 2017, 1, 1798-1806.   | 7.8  | 182       |
| 5  | Global status and conservation potential of reef sharks. <i>Nature</i> , 2020, 583, 801-806.  | 27.8 | 176       |
| 6  | Scale-dependent effects of habitat on movements and path structure of reef sharks at a predator-dominated atoll. <i>Ecology</i> , 2009, 90, 996-1008.   | 3.2  | 158       |
| 7  | The science of European marine reserves: Status, efficacy, and future needs. <i>Marine Policy</i> , 2012, 36, 1012-1021.  | 3.2  | 145       |
| 8  | Variability in Recruitment of Coral Reef Fishes: The Importance of Habitat at Two Spatial Scales. <i>Ecology</i> , 1996, 77, 2488-2504.   | 3.2  | 141       |
| 9  | Long-term movement patterns and trophic ecology of blacktip reef sharks ( <i>Carcharhinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5  | 1.5  | 133       |
| 10 | Incorporating biogeography into evaluations of the Channel Islands marine reserve network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18272-18277.         | 7.1  | 133       |
| 11 | Home range and habitat utilization of adult California sheephead, <i>Semicossyphus pulcher</i> (Labridae), in a temperate no-take marine reserve. <i>Marine Biology</i> , 2005, 147, 301-311.                       | 1.5  | 118       |
| 12 | Comparative analyses of animal-tracking data reveal ecological significance of endothermy in fishes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6104-6109. | 7.1  | 101       |
| 13 | Recovery trajectories of kelp forest animals are rapid yet spatially variable across a network of temperate marine protected areas. <i>Scientific Reports</i> , 2015, 5, 14102.                                     | 3.3  | 92        |
| 14 | Coastal fronts set recruitment and connectivity patterns across multiple taxa. <i>Limnology and Oceanography</i> , 2012, 57, 582-596.   | 3.1  | 91        |
| 15 | Marine Protected Area Networks: Assessing Whether the Whole Is Greater than the Sum of Its Parts. <i>PLoS ONE</i> , 2014, 9, e102298.   | 2.5  | 83        |
| 16 | Drivers of Daily Routines in an Ectothermic Marine Predator: Hunt Warm, Rest Warmer?. <i>PLoS ONE</i> , 2015, 10, e0127807.   | 2.5  | 79        |
| 17 | Currents connecting communities: nearshore community similarity and ocean circulation. <i>Ecology</i> , 2011, 92, 1193-1200.  | 3.2  | 73        |
| 18 | Marine management affects the invasion success of a non-native species in a temperate reef system in California, USA. <i>Ecology Letters</i> , 2018, 21, 43-53.   | 6.4  | 72        |

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|----|---|-----|-----------|
| 19 | Creating a space for place and multidimensional well-being: lessons learned from localizing the SDGs. <i>Sustainability Science</i> , 2020, 15, 1129-1147.  | 4.9 | 70        |
| 20 | EARLY POST-SETTLEMENT MORTALITY IN A CORAL REEF FISH AND ITS EFFECT ON LOCAL POPULATION SIZE. <i>Ecological Monographs</i> , 1999, 69, 177-194.   | 5.4 | 61        |
| 21 | Does fish larval dispersal differ between high and low latitudes?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130327.  | 2.6 | 60        |
| 22 | Natal trace-elemental signatures in the otoliths of an open-coast fish. <i>Limnology and Oceanography</i> , 2005, 50, 1529-1542.  | 3.1 | 58        |
| 23 | Activity seascapes highlight central place foraging strategies in marine predators that never stop swimming. <i>Movement Ecology</i> , 2018, 6, 9.  | 2.8 | 58        |
| 24 | Geographic variation in density, demography, and life history traits of a harvested, sex-changing, temperate reef fish. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 288-303.            | 1.4 | 56        |
| 25 | The Real Bounty: Marine Biodiversity in the Pitcairn Islands. <i>PLoS ONE</i> , 2014, 9, e100142.   | 2.5 | 55        |
| 26 | Exploitation and recovery of a sea urchin predator has implications for the resilience of southern California kelp forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141817. | 2.6 | 55        |
| 27 | Geographic variation in responses of kelp forest communities of the California Current to recent climatic changes. <i>Global Change Biology</i> , 2020, 26, 6457-6473.  | 9.5 | 53        |
| 28 | Marine Protected Area Networks in California, USA. <i>Advances in Marine Biology</i> , 2014, 69, 205-251.   | 1.4 | 52        |
| 29 | Fishers' Behaviour in Response to the Implementation of a Marine Protected Area. <i>PLoS ONE</i> , 2013, 8, e65057.   | 2.5 | 50        |
| 30 | Range expansion of a non-native, invasive macroalga <i>Sargassum horneri</i> (Turner) C. Agardh, 1820 in the eastern Pacific. <i>BioInvasions Records</i> , 2015, 4, 243-248.                                     | 1.1 | 50        |
| 31 | Distribution, size frequency, and sex ratios of blacktip reef sharks <i>Carcharhinus melanopterus</i> at Palmyra Atoll: a predator-dominated ecosystem. <i>Journal of Fish Biology</i> , 2009, 75, 647-654.       | 1.6 | 49        |
| 32 | Comparing volunteer and professionally collected monitoring data from the rocky subtidal reefs of Southern California, USA. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 3239-3257.                | 2.7 | 45        |
| 33 | Resetting predator baselines in coral reef ecosystems. <i>Scientific Reports</i> , 2017, 7, 43131.  | 3.3 | 44        |
| 34 | Trophic redundancy and predator size class structure drive differences in kelp forest ecosystem dynamics. <i>Ecology</i> , 2020, 101, e02993.   | 3.2 | 43        |
| 35 | Marine Biodiversity in Juan Fernandez and Desventuradas Islands, Chile: Global Endemism Hotspots. <i>PLoS ONE</i> , 2016, 11, e0145059.  | 2.5 | 41        |
| 36 | Kelp forests at the end of the earth: 45 years later. <i>PLoS ONE</i> , 2020, 15, e0229259.   | 2.5 | 41        |

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|----|---|-----|-----------|
| 37 | SCALE-DEPENDENT CHANGES IN THE IMPORTANCE OF LARVAL SUPPLY AND HABITAT TO ABUNDANCE OF A REEF FISH. <i>Ecology</i> , 2008, 89, 1323-1333.   | 3.2 | 40        |
| 38 | Fine-scale movement patterns, site fidelity, and habitat selection of ocean whitefish ( <i>Caulolatilus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50  | 1.7 | 38        |
| 39 | Size, age, and habitat determine effectiveness of Palau's Marine Protected Areas. <i>PLoS ONE</i> , 2017, 12, e0174787.   | 2.5 | 37        |
| 40 | Citizen science monitoring of marine protected areas: Case studies and recommendations for integration into monitoring programs. <i>Marine Ecology</i> , 2018, 39, e12470.  | 1.1 | 34        |
| 41 | Connectivity, Dispersal, and Recruitment: Connecting Benthic Communities and the Coastal Ocean. <i>Oceanography</i> , 2019, 32, 50-59.  | 1.0 | 34        |
| 42 | Extensive geographic and ontogenetic variation characterizes the trophic ecology of a temperate reef fish on southern California (USA) rocky reefs. <i>Marine Ecology - Progress Series</i> , 2011, 429, 227-244. | 1.9 | 33        |
| 43 | Spatial separation without territoriality in shark communities. <i>Oikos</i> , 2018, 127, 767-779.  | 2.7 | 33        |
| 44 | Utilizing Spatial Demographic and Life History Variation to Optimize Sustainable Yield of a Temperate Sex-Changing Fish. <i>PLoS ONE</i> , 2011, 6, e24580.   | 2.5 | 29        |
| 45 | Growth and life history variability of the grey reef shark ( <i>Carcharhinus amblyrhynchos</i> ) across its range. <i>PLoS ONE</i> , 2017, 12, e0172370.  | 2.5 | 29        |
| 46 | Assessing the population-level conservation effects of marine protected areas. <i>Conservation Biology</i> , 2021, 35, 1861-1870.   | 4.7 | 27        |
| 47 | Dietary niche expansion of a kelp forest predator recovering from intense commercial exploitation. <i>Ecology</i> , 2014, 95, 164-172.  | 3.2 | 26        |
| 48 | Predation risk influences feeding rates but competition structures space use for a common Pacific parrotfish. <i>Oecologia</i> , 2017, 184, 139-149.  | 2.0 | 25        |
| 49 | The Lagoon at Caroline/Millennium Atoll, Republic of Kiribati: Natural History of a Nearly Pristine Ecosystem. <i>PLoS ONE</i> , 2010, 5, e10950.   | 2.5 | 22        |
| 50 | Multiyear social stability and social information use in reef sharks with diel fission-fusion dynamics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201063.                     | 2.6 | 22        |
| 51 | Phylogeography of the California sheephead, <i>Scorpaenopsis pulcher</i> : the role of deep reefs as stepping stones and pathways to antitropicality. <i>Ecology and Evolution</i> , 2013, 3, 4558-4571.          | 1.9 | 21        |
| 52 | Marine protected areas do not prevent marine heatwave-induced fish community structure changes in a temperate transition zone. <i>Scientific Reports</i> , 2020, 10, 21081.                                       | 3.3 | 20        |
| 53 | A Review of the Opportunities and Challenges for Using Remote Sensing for Management of Surface-Canopy Forming Kelps. <i>Frontiers in Marine Science</i> , 2021, 8, .   | 2.5 | 19        |
| 54 | An Online Database for Informing Ecological Network Models: <a href="http://kelpforest.ucsc.edu">http://kelpforest.ucsc.edu</a> . <i>PLoS ONE</i> , 2014, 9, e109356.   | 2.5 | 17        |

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|----|---|-----|-----------|
| 55 | Harnessing cross-border resources to confront climate change. <i>Environmental Science and Policy</i> , 2018, 87, 128-132.  | 4.9 | 16        |
| 56 | Biogeographic patterns of communities across diverse marine ecosystems in southern California. <i>Marine Ecology</i> , 2018, 39, e12453.  | 1.1 | 15        |
| 57 | Marine biodiversity from zero to a thousand meters at Clipperton Atoll (Ãžle de La Passion), Tropical Eastern Pacific. <i>PeerJ</i> , 2019, 7, e7279.   | 2.0 | 14        |
| 58 | First quantification of subtidal community structure at Tristan da Cunha Islands in the remote South Atlantic: from kelp forests to the deep sea. <i>PLoS ONE</i> , 2018, 13, e0195167.                 | 2.5 | 13        |
| 59 | Planning for Change: Assessing the Potential Role of Marine Protected Areas and Fisheries Management Approaches for Resilience Management in a Changing Ocean. <i>Oceanography</i> , 2019, 32, 116-125. | 1.0 | 13        |
| 60 | Clipperton Atoll as a model to study small marine populations: Endemism and the genomic consequences of small population size. <i>PLoS ONE</i> , 2018, 13, e0198901.                                    | 2.5 | 12        |
| 61 | Dermal denticle assemblages in coral reef sediments correlate with conventional shark surveys. <i>Methods in Ecology and Evolution</i> , 2020, 11, 362-375.   | 5.2 | 12        |
| 62 | Large-scale, multidecade monitoring data from kelp forest ecosystems in <scp>California</scp> and <scp>Oregon</scp> (<scp>USA</scp>). <i>Ecology</i> , 2022, 103, e3630.                                | 3.2 | 12        |
| 63 | Disentangling the effects of fishing and environmental forcing on demographic variation in an exploited species. <i>Biological Conservation</i> , 2017, 209, 488-498.                                   | 4.1 | 11        |
| 64 | Integrating Coastal Oceanic and Benthic Ecological Approaches for Understanding Large-Scale Meta-Ecosystem Dynamics. <i>Oceanography</i> , 2019, 32, 38-49.   | 1.0 | 11        |
| 65 | Grazer behaviour can regulate large-scale patterning of community states. <i>Ecology Letters</i> , 2021, 24, 1917-1929.   | 6.4 | 11        |
| 66 | Multi-scale recruitment patterns and effects on local population size of a temperate reef fish. <i>Journal of Fish Biology</i> , 2009, 75, 1271-1286.   | 1.6 | 10        |
| 67 | Analysis of fish population size distributions confirms cessation of fishing in marine protected areas. <i>Conservation Letters</i> , 2021, 14, e12775.   | 5.7 | 10        |
| 68 | A Scientific Synthesis of Marine Protected Areas in the United States: Status and Recommendations. <i>Frontiers in Marine Science</i> , 2022, 9, .  | 2.5 | 10        |
| 69 | Temporal variability of larval growth, size, stage duration and recruitment of a wrasse, <i>Coris julis</i> (Pisces: Labridae), from the Azores. <i>Scientia Marina</i> , 2010, 74, 721-729.            | 0.6 | 9         |
| 70 | Size, growth, and density data for shallow-water sea urchins from Mexico to the Aleutian Islands, Alaska, 1956-2016. <i>Ecology</i> , 2018, 99, 761-761.  | 3.2 | 9         |
| 71 | Community Responses to Climate-Related Variability and Disease: The Critical Importance of Long-Term Research. <i>Oceanography</i> , 2019, 32, 72-81.   | 1.0 | 9         |
| 72 | Connecting Science to Policymakers, Managers, and Citizens. <i>Oceanography</i> , 2019, 32, 106-115.  | 1.0 | 9         |

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|----|--|-----|-----------|
| 73 | Assemblage structure and spatial diversity patterns of kelp forest-associated fishes in Southern Patagonia. <i>PLoS ONE</i> , 2021, 16, e0257662.  | 2.5 | 8         |
| 74 | PISCO: Advances Made Through the Formation of a Large-Scale, Long-Term Consortium for Integrated Understanding of Coastal Ecosystem Dynamics. <i>Oceanography</i> , 2019, 32, 16-25.             | 1.0 | 7         |
| 75 | Ecological assessment of the marine ecosystems of Barbuda, West Indies: Using rapid scientific assessment to inform ocean zoning and fisheries management. <i>PLoS ONE</i> , 2018, 13, e0189355. | 2.5 | 6         |
| 76 | Habitat-specific inter and intraspecific behavioral interactions among reef sharks. <i>Oecologia</i> , 2020, 193, 371-376.   | 2.0 | 6         |
| 77 | Small scale temporal patterns of recruitment and hatching of Atlantic horse mackerel (L.) at a nearshore reef area. <i>Fisheries Oceanography</i> , 2018, 27, 505-516.                           | 1.7 | 5         |
| 78 | Ocean Productivity May Predict Recruitment of the Rainbow Wrasse ( <i>Coris julis</i> ). <i>PLoS ONE</i> , 2016, 11, e0165648.   | 2.5 | 5         |
| 79 | Reassessment of the Fecundity of California Sheephead. <i>Marine and Coastal Fisheries</i> , 2012, 4, 599-604.   | 1.4 | 3         |
| 80 | Horizon Scanning: Survey and Research Priorities for Coastal and Marine Systems of the Northern Channel Islands, California. <i>Western North American Naturalist</i> , 2018, 78, 864.           | 0.4 | 3         |
| 81 | The biodiversity of fishes at the Islas Marías Biosphere Reserve, Mexico, as determined by baited remote underwater video. <i>Ciencias Marinas</i> , 2020, 46, .                                 | 0.4 | 3         |
| 82 | Conservation implications of forage base requirements of a marine predator population at carrying capacity. <i>IScience</i> , 2022, 25, 103646.  | 4.1 | 3         |
| 83 | No-take marine protected areas enhance the benefits of kelp forest restoration for fish but not fisheries. <i>Ecology Letters</i> , 2022, 25, 1665-1675.   | 6.4 | 2         |
| 84 | Can nearshore seabirds detect variability in juvenile fish distribution at scales relevant to managing marine protected areas?. <i>Marine Ecology</i> , 2018, 39, e12485.                        | 1.1 | 1         |
| 85 | Early Post-Settlement Mortality in a Coral Reef Fish and Its Effect on Local Population Size. <i>Ecological Monographs</i> , 1999, 69, 177.  | 5.4 | 1         |
| 86 | Coral calcification and carbonate production in the eastern tropical Pacific: The role of branching and massive corals in the reef maintenance. <i>Geobiology</i> , 2022, , .                    | 2.4 | 1         |
| 87 | Trophic Redundancy and Predator Size Class Structure Drive Differences in Kelp Forest Ecosystem Dynamics. <i>Bulletin of the Ecological Society of America</i> , 2020, 101, e01682.              | 0.2 | 0         |
| 88 | Species-specific thermal classification schemes can improve climate related marine resource decisions. <i>PLoS ONE</i> , 2021, 16, e0250792.   | 2.5 | 0         |