Celia Olabarria

List of Publications by Year
in descending order

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82	1,990	218677	289244
papers	citations	26 h-index	40 g-index

85	85	85	2178
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Loss of surficial sedimentary carbon stocks in seagrass meadows subjected to intensive clam harvesting. Marine Environmental Research, 2022, 175, 105570.	2.5	10
2	Trade-Offs and Synergies Between Seagrass Ecosystems and Fishing Activities: A Global Literature Review. Frontiers in Marine Science, 2022, 9, .	2.5	11
3	Resilience and Social Adaptation to Climate Change Impacts in Small-Scale Fisheries. Frontiers in Marine Science, 2022, 9, .	2.5	6
4	Contrasting responsiveness of four ecologically and economically important bivalves to simulated heat waves. Marine Environmental Research, 2021, 164, 105229.	2.5	37
5	Semantic segmentation of major macroalgae in coastal environments using high-resolution ground imagery and deep learning. International Journal of Remote Sensing, 2021, 42, 1785-1800.	2.9	25
6	Dynamics and processes influencing recruitment of the invasive mussel Xenostrobus securis and the coexisting indigenous Mytilus galloprovincialis in north-western Spain. Aquatic Invasions, 2021, 16, 391-414.	1.6	6
7	Differential responses of trailing-edge populations of a foundation alga to thermal stress. European Journal of Phycology, 2021, 56, 373-388.	2.0	8
8	Spotting intruders: Species distribution models for managing invasive intertidal macroalgae. Journal of Environmental Management, 2021, 281, 111861.	7.8	16
9	Predation risk increases in estuarine bivalves stressed by low salinity. Marine Biology, 2021, 168, 132.	1.5	6
10	Reproduction Under Stress: Acute Effect of Low Salinities and Heat Waves on Reproductive Cycle of Four Ecologically and Commercially Important Bivalves. Frontiers in Marine Science, 2021, 8, .	2.5	20
11	Estimating benthic trophic levels to assess the effectiveness of marine protected area management. Science of the Total Environment, 2021, 790, 148234.	8.0	4
12	First confirmed occurrence of Codium fragile (Suringar) Hariot in the Iberian Peninsula coast of Portugal. BioInvasions Records, 2021, 10, 789-795.	1.1	0
13	Effectiveness of two western Iberian Peninsula marine protected areas in reducing the risk of macroalgae invasion. Ecological Indicators, 2020, 108, 105705.	6.3	8
14	Behavioral responses of three venerid bivalves to fluctuating salinity stress. Journal of Experimental Marine Biology and Ecology, 2020, 522, 151256.	1.5	25
15	Sublethal responses of four commercially important bivalves to low salinity. Ecological Indicators, 2020, 111, 106031.	6.3	31
16	Heatwaves during low tide are critical for the physiological performance of intertidal macroalgae under global warming scenarios. Scientific Reports, 2020, 10, 21408.	3.3	15
17	The Role of Biofilms Developed under Different Anthropogenic Pressure on Recruitment of Macro-Invertebrates. International Journal of Molecular Sciences, 2020, 21, 2030.	4.1	18
18	Reproductive plasticity in the invasive -Xenostrobus securis (Bivalvia: Mytiloidea) in northwestern Spain. Journal of Sea Research, 2020, 159, 101893.	1.6	6

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19	Removal of an established invader can change gross primary production of native macroalgae and alter carbon flow in intertidal rock pools. PLoS ONE, 2019, 14, e0217121.	2.5	1
20	Sandy Beaches as Biogeochemical Hotspots: The Metabolic Role of Macroalgal Wrack on Low-productive Shores. Ecosystems, 2019, 22, 49-63.	3.4	27
21	Susceptibility of two co-existing mytilid species to simulated predation under projected climate change conditions. Hydrobiologia, 2018, 807, 247-261.	2.0	19
22	Ecoâ€engineering urban infrastructure for marine and coastal biodiversity: Which interventions have the greatest ecological benefit?. Journal of Applied Ecology, 2018, 55, 426-441.	4.0	160
23	Harnessing positive species interactions as a tool against climate-driven loss of coastal biodiversity. PLoS Biology, 2018, 16, e2006852.	5.6	91
24	Physiological responses to variations in grazing and light conditions in native and invasive fucoids. Marine Environmental Research, 2018, 139, 151-161.	2.5	8
25	Responses to salinity stress in bivalves: Evidence of ontogenetic changes in energetic physiology on Cerastoderma edule. Scientific Reports, 2018, 8, 8329.	3.3	41
26	Use of a monoclonal antibody-based assay for the early detection of an invasive bivalve in plankton samples. Marine Pollution Bulletin, 2018, 133, 320-327.	5.0	1
27	Spatio-temporal dynamics of Codium populations along the rocky shores of N and NW Spain. Marine Environmental Research, 2018, 140, 394-402.	2.5	7
28	Response of Two Mytilids to a Heatwave: The Complex Interplay of Physiology, Behaviour and Ecological Interactions. PLoS ONE, 2016, 11, e0164330.	2.5	34
29	Threats to Ecosystem Engineering Macrophytes: Climate Change. , 2016, , 201-218.		3
30	Ecological interactions modulate responses of two intertidal mussel species to changes in temperature and pH. Journal of Experimental Marine Biology and Ecology, 2016, 474, 116-125.	1.5	26
31	Importance of phenotypic plastic traits on invasion success: response of Xenostrobus securis to the predatory dogwhelk Nucella lapillus. Marine Ecology - Progress Series, 2016, 560, 185-198.	1.9	12
32	Feeding behaviour of an intertidal snail: Does past environmental stress affect predator choices and prey vulnerability?. Journal of Sea Research, 2015, 97, 66-74.	1.6	16
33	Alteration of Macroalgal Subsidies by Climate-Associated Stressors Affects Behavior of Wrack-Reliant Beach Consumers. Ecosystems, 2015, 18, 428-440.	3.4	18
34	Combined effects of wrack identity and solar radiation on associated beach macrofaunal assemblages. Marine Ecology - Progress Series, 2015, 531, 167-178.	1.9	12
35	Ecosystem functioning impacts of the invasive seaweed <scp>S</scp>argassum muticum (<scp>F</scp>ucales, <scp>P</scp>haeophyceae). Journal of Phycology, 2014, 50, 108-116.	2.3	18
36	Coexistence of congeneric native and invasive species: The case of the green algae Codium spp. in northwestern Spain. Marine Environmental Research, 2014, 101, 135-144.	2.5	9

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37	Neighbourhood competition in coexisting species: The native Cystoseira humilis vs the invasive Sargassum muticum. Journal of Experimental Marine Biology and Ecology, 2014, 454, 32-41.	1.5	23
38	Selection of habitat by a marine amphipod. Marine Ecology, 2014, 35, 103-110.	1.1	15
39	Marine Macroalgae and the Assessment of Ecological Conditions. , 2014, , 105-147.		2
40	Biotic resistance and facilitation of a non-indigenous mussel vary with environmental context. Marine Ecology - Progress Series, 2014, 506, 163-173.	1.9	17
41	Functional diversity and climate change: effects on the invasibility of macroalgal assemblages. Biological Invasions, 2013, 15, 1833-1846.	2.4	19
42	Marine research in the Iberian Peninsula: A pledge for better times after an economic crisis. Journal of Sea Research, 2013, 83, 1-8.	1.6	6
43	Role of top-down and bottom-up forces on the invasibility of intertidal macroalgal assemblages. Journal of Sea Research, 2013, 76, 178-186.	1.6	11
44	Shifts from native to non-indigenous mussels: Enhanced habitat complexity and its effects on faunal assemblages. Marine Environmental Research, 2013, 90, 85-95.	2.5	28
45	Response of macroalgal assemblages from rockpools to climate change: effects of persistent increase in temperature and CO₂. Oikos, 2013, 122, 1065-1079.	2.7	50
46	Invasion of Sargassum muticum in intertidal rockpools: Patterns along the Atlantic Iberian Peninsula. Marine Environmental Research, 2013, 90, 18-26.	2.5	18
47	Propagule pressure and functional diversity: interactive effects on a macroalgal invasion process. Marine Ecology - Progress Series, 2012, 471, 51-60.	1.9	22
48	Effects of macroalgal identity on epifaunal assemblages: native species versus the invasive species Sargassum muticum. Helgoland Marine Research, 2012, 66, 159-166.	1.3	25
49	Does Carcinus maenas facilitate the invasion of Xenostrobus securis?. Journal of Experimental Marine Biology and Ecology, 2011, 406, 14-20.	1.5	28
50	Distribution of Sargassum muticum on the North West coast of Spain: Relationships with urbanization and community diversity. Continental Shelf Research, 2011, 31, 488-495.	1.8	20
51	Effects of detrital non-native and native macroalgae on the nitrogen and carbon cycling in intertidal sediments. Marine Biology, 2011, 158, 2705-2715.	1.5	18
52	Niche segregation in sandy beach animals: an analysis with surface-active peracarid crustaceans on the Atlantic coast of Spain. Marine Biology, 2010, 157, 613-625.	1.5	33
53	Do grazers prefer invasive seaweeds?. Journal of Experimental Marine Biology and Ecology, 2010, 393, 182-187.	1.5	42
54	The effect of wrack composition and diversity on macrofaunal assemblages in intertidal marine sediments. Journal of Experimental Marine Biology and Ecology, 2010, 396, 18-26.	1.5	23

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55	Effects of habitat structure and tidal height on epifaunal assemblages associated with macroalgae. Estuarine, Coastal and Shelf Science, 2010, 89, 43-52.	2.1	78
56	Variability of epifaunal assemblages associated with native and invasive macroalgae. Marine and Freshwater Research, 2010, 61, 724.	1.3	48
57	The trophic significance of the invasive seaweed Sargassum muticum in sandy beaches. Journal of Sea Research, 2010, 63, 52-61.	1.6	33
58	Intraspecific diet shift in Talitrus saltator inhabiting exposed sandy beaches. Estuarine, Coastal and Shelf Science, 2009, 84, 282-288.	2.1	35
59	Limited impact of Sargassum muticum on native algal assemblages from rocky intertidal shores. Marine Environmental Research, 2009, 67, 153-158.	2.5	54
60	Response of the invader Sargassum muticum to variability in nutrient supply. Marine Ecology - Progress Series, 2009, 377, 91-101.	1.9	19
61	Spatial patterns of benthic diversity in molluscs from West Antarctica. Antarctic Science, 2009, 21, 341.	0.9	7
62	Use of hierarchical designs to detect scales of heterogeneity in the invasive species Sargassum muticum. Scientia Marina, 2009, 73, 507-514.	0.6	9
63	Differential effects of native and invasive algal wrack on macrofaunal assemblages inhabiting exposed sandy beaches. Journal of Experimental Marine Biology and Ecology, 2008, 358, 1-13.	1.5	67
64	Bathymetric zonation and diversity gradient of gastropods and bivalves in West Antarctica from the South Shetland Islands to the Bellingshausen Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2008, 55, 350-368.	1.4	40
65	Succession of macrofauna on macroalgal wrack of an exposed sandy beach: Effects of patch size and site. Marine Environmental Research, 2007, 63, 19-40.	2.5	74
66	Faunal change and bathymetric diversity gradient in deep-sea prosobranchs from Northeastern Atlantic. , 2006, , 317-334.		0
67	Faunal change and bathymetric diversity gradient in deep-sea prosobranchs from Northeastern Atlantic. Biodiversity and Conservation, 2006, 15, 3685-3702.	2.6	28
68	Patterns of bathymetric zonation of bivalves in the Porcupine Seabight and adjacent Abyssal plain, NE Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2005, 52, 15-31.	1.4	47
69	Aspects of the distribution, population structure and reproduction of the gastropod Tibia delicatula (Nevill, 1881) inhabiting the oxygen minimum zone of the Oman and Pakistan continental margins. Journal of Sea Research, 2005, 54, 299-306.	1.6	6
70	PATTERNS OF MORPHOLOGICAL VARIATION OF THE DEEP-SEA GASTROPOD TROSCHELIA BERNICIENSIS (KING,) Tj ETQq0 0 0 rgBT /Ove 59-66.	1.2	11
71	Reproductive strategies of two deep-sea gastropod species from the Porcupine Seabight (Northeast) Tj ETQq1 1 0.784314 rgBT /Ove	1.5	6
72	Latitudinal and bathymetric trends in body size of the deep-sea gastropod Troschelia berniciensis (King). Marine Biology, 2003, 143, 723-730.	1.5	35

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73	Inconsistency in short-term temporal variability of microgastropods within and between two different intertidal habitats. Journal of Experimental Marine Biology and Ecology, 2002, 269, 85-100.	1.5	16
74	Role of colonization in spatio-temporal patchiness of microgastropods in coralline turf habitat. Journal of Experimental Marine Biology and Ecology, 2002, 274, 121-140.	1.5	37
75	Appropriate experimental design to evaluate preferences for microhabitat: an example of preferences by species of microgastropods. Oecologia, 2002, 132, 159-166.	2.0	71
76	Analysis of Four Macroalgal Assemblages along the Pacific Mexican Coast during and after the 1997-98 El NiÃ±o. Ecosystems, 2002, 5, 749-760.	3.4	31
77	Comparison of patterns of spatial variation of microgastropods between 2 contrasting intertidal habitats. Marine Ecology - Progress Series, 2001, 220, 201-211.	1.9	51
78	Spatio-temporal changes in the trophic structure of Rocky intertidal mollusc assemblages on a Tropical shore. Ciencias Marinas, 2001, 27, 235-254.	0.4	10
79	Epibiont molluscs on neogastropod shells from sandy bottoms, Pacific coast of Mexico. Journal of the Marine Biological Association of the United Kingdom, 2000, 80, 291-298.	0.8	17
80	Title is missing!. Hydrobiologia, 1998, 378, 11-19.	2.0	4
81	Estructura y variaciÃ³n estacional de poblaciones de moluscos asociadas a la pesca artesanal de langosta en el PacÃfico Tropical. Revista De Biologia Tropical, 0, , 851-865.	0.4	0
82	Biofilms shaping compositions of macrofouling assemblages: An initial barrier against NIS settlement?. Frontiers in Marine Science, 0, 6, .	2.5	0