

Rodolfo Barreiro

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

1,598
citations

279487

23
h-index

395343

33
g-index

93
all docs

93
docs citations

93
times ranked

1658
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative invasion ecology of <i>Carpobrotus</i> from four continents: responses to nutrients and competition. <i>Journal of Plant Ecology</i> , 2023, 16, .	1.2	3
2	Paradoxical failure of <i>Laminaria ochroleuca</i> (Laminariales, Phaeophyceae) to consolidate a kelp forest inside a Marine National Park. <i>European Journal of Phycology</i> , 2023, 58, 72-82.	0.9	5
3	Effects of Glyphosate Application on Physiologically Integrated Clones of the Invasive Plant <i>Carpobrotus edulis</i> . <i>Diversity</i> , 2022, 14, 47.	0.7	2
4	Leveraging the blue economy to transform marine forest restoration. <i>Journal of Phycology</i> , 2022, 58, 198-207.	1.0	15
5	Temperate Kelp Forest Collapse by Fish Herbivory: A Detailed Demographic Study. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	11
6	Small but strong: Socioeconomic and ecological resilience of a small European fishing community affected by a submarine volcanic eruption. <i>Ocean and Coastal Management</i> , 2022, 223, 106124.	2.0	3
7	A multidisciplinary approach to identify priority areas for the monitoring of a vulnerable family of fishes in Spanish Marine National Parks. <i>Bmc Ecology and Evolution</i> , 2021, 21, 4.	0.7	8
8	Effects of resource sharing directionality on physiologically integrated clones of the invasive <i>Carpobrotus edulis</i> . <i>Journal of Plant Ecology</i> , 2021, 14, 884-895.	1.2	9
9	Understanding the local drivers of beta-diversity patterns under climate change: The case of seaweed communities in Galicia, North West of the Iberian Peninsula. <i>Diversity and Distributions</i> , 2021, 27, 1696-1705.	1.9	10
10	Physiological response to warming in intertidal macroalgae with different thermal affinity. <i>Marine Environmental Research</i> , 2021, 169, 105350.	1.1	2
11	Species identity matters: Functional responses to warming in congeneric turfs differ from those of a canopy algae but are species-specific. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 257, 107396.	0.9	2
12	Feeding preferences of range-shifting and native herbivorous fishes in temperate ecosystems. <i>Marine Environmental Research</i> , 2021, 172, 105508.	1.1	4
13	Structure and Trophic Niches in Mobile Epifauna Assemblages Associated With Seaweeds and Habitats of Syngnathid Fishes in C�es Archipelago (Atlantic Islands Marine National Park, North West Iberia). <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	6
14	Trans-generational effects in the clonal invader <i>Alternanthera philoxeroides</i> . <i>Journal of Plant Ecology</i> , 2020, 13, 122-129.	1.2	14
15	Setting the basis for a long-term monitoring network of intertidal seaweed assemblages in northwest Spain. <i>Marine Environmental Research</i> , 2020, 160, 105039.	1.1	17
16	Recreational snorkeling activities to enhance seascape enjoyment and environmental education in the Islas Atl�nticas de Galicia National Park (Spain). <i>Journal of Environmental Management</i> , 2020, 272, 111065.	3.8	15
17	EDITORIAL: Plant invasions: Mechanisms, impacts and management. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2020, 267, 151603.	0.6	12
18	Can patch size and patch distance improve the recolonization of mussel seed beds exploited for aquaculture?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1897-1908.	0.9	5

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19	Effects of physiological integration on defense strategies against herbivory by the clonal plant <i>Alternanthera philoxeroides</i> . <i>Journal of Plant Ecology</i> , 2019, 12, 662-672.	1.2	8
20	Wave exposure as a driver of isolation by environment in the marine gastropod <i>Nucella lapillus</i> . <i>Hydrobiologia</i> , 2019, 839, 51-69.	1.0	3
21	A decadal study of biometric and imposex indices in two gastropods. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2019, 99, 1601-1614.	0.4	0
22	Differences in physiological integration between invasive and noninvasive introduced clonal species of <i>Carpobrotus</i> . <i>Journal of Plant Ecology</i> , 2019, 12, 972-981.	1.2	13
23	Unexpected nutrient influence on the thermal ecophysiology of seaweeds that recently followed opposite abundance shifts. <i>Marine Environmental Research</i> , 2019, 151, 104747.	1.1	5
24	Local Coastal Configuration Rather Than Latitudinal Gradient Shape Clonal Diversity and Genetic Structure of <i>Phymatolithon calcareum</i> Maerl Beds in North European Atlantic. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	13
25	Biomass partitioning in response to resources availability: A comparison between native and invaded ranges in the clonal invader <i>Carpobrotus edulis</i> . <i>Plant Species Biology</i> , 2019, 34, 11-18.	0.6	13
26	Extended imposex monitoring in N Atlantic Spain confirms punctual attainment of European environmental objectives for TBT. <i>Marine Pollution Bulletin</i> , 2018, 126, 462-466.	2.3	5
27	Seaweed assemblages under a climate change scenario: Functional responses to temperature of eight intertidal seaweeds match recent abundance shifts. <i>Scientific Reports</i> , 2018, 8, 12978.	1.6	32
28	Monographs of invasive plants in Europe: <i>Carpobrotus</i> . <i>Botany Letters</i> , 2018, 165, 440-475.	0.7	78
29	By-catch in no-fed aquaculture: exploiting mussel seed persistently and extensively disturbs the accompanying assemblage. <i>ICES Journal of Marine Science</i> , 2018, 75, 2213-2223.	1.2	9
30	Bi-species imposex monitoring in Galicia (NW Spain) shows contrasting achievement of the OSPAR Ecological Quality Objective for TBT. <i>Marine Pollution Bulletin</i> , 2017, 114, 715-723.	2.3	15
31	Insights into species diversity of associated crustose coralline algae (&em&t;Corallinophycidae.) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> <i>Botanico De Madrid</i> , 2017, 74, 059.	0.2	16
32	Division of Labor Brings Greater Benefits to Clones of <i>Carpobrotus edulis</i> in the Non-native Range: Evidence for Rapid Adaptive Evolution. <i>Frontiers in Plant Science</i> , 2016, 7, 349.	1.7	45
33	Is the ballan wrasse (<i>Labrus bergylta</i>) two species? Genetic analysis reveals within-species divergence associated with plain and spotted morphotype frequencies. <i>Integrative Zoology</i> , 2016, 11, 162-172.	1.3	16
34	Phylogeography of a widespread species: pre-glacial vicariance, refugia, occasional blocking straits and long-distance migrations. <i>AoB PLANTS</i> , 2016, 8, .	1.2	16
35	Decadal changes in the distribution of common intertidal seaweeds in Galicia (NW Iberia). <i>Marine Environmental Research</i> , 2016, 113, 106-115.	1.1	48
36	Mining microsatellite markers from public expressed sequence tags databases for the study of threatened plants. <i>BMC Genomics</i> , 2015, 16, 781.	1.2	20

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37	<i>Phymatolithon lusitanicum</i> sp. nov. (Hapalidiales, Rhodophyta): The Third Most Abundant Maerl-Forming Species in the Atlantic Iberian Peninsula. <i>Cryptogamie, Algologie</i> , 2015, 36, 429-459.	0.3	44
38	A multi-faceted approach for assessing evolutionary significant conservation units in the endangered <i>Omphalodes littoralis</i> subsp. <i>gallaecica</i> (Boraginaceae). <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 54-65.	1.1	9
39	An integrative systematic approach to species diversity and distribution in the genus <i>Mesophyllum</i> (Corallinales, Rhodophyta) in Atlantic and Mediterranean Europe. <i>European Journal of Phycology</i> , 2015, 50, 20-36.	0.9	51
40	Patterns of genetic variation within and among populations in <i>Arbutus unedo</i> and its relation with selection and evolvability. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 185-192.	1.1	16
41	A Molecular and Morphological Study of <i>Corallina</i> <i>Sensu lato</i> (Corallinales, Rhodophyta) in the Atlantic Iberian Peninsula. <i>Cryptogamie, Algologie</i> , 2015, 36, 31-54.	0.3	26
42	A combined whelk watch suggests repeated TBT desorption pulses. <i>Science of the Total Environment</i> , 2015, 502, 167-171.	3.9	15
43	Population Structure of a Widespread Species under Balancing Selection: The Case of <i>Arbutus unedo</i> L.. <i>Frontiers in Plant Science</i> , 2015, 6, 1264.	1.7	30
44	Development and multiplexing of the first microsatellite markers in a coralline red alga (<i>Phymatolithon calcareum</i> , Rhodophyta). <i>Phycologia</i> , 2014, 53, 474-479.	0.6	17
45	Detection of Gametophytes in the Maerl-Forming Species <i>Phymatolithon calcareum</i> (Melobesioideae, Corallinales) Assessed by DNA Barcoding. <i>Cryptogamie, Algologie</i> , 2014, 35, 15-25.	0.3	41
46	DNA barcoding allows the accurate assessment of European maerl diversity: A Proof-of-Concept study. <i>Phytotaxa</i> , 2014, 190, 176.	0.1	40
47	AFLPs and Mitochondrial Haplotypes Reveal Local Adaptation to Extreme Thermal Environments in a Freshwater Gastropod. <i>PLoS ONE</i> , 2014, 9, e101821.	1.1	25
48	A Multilocus Species Delimitation Reveals a Striking Number of Species of Coralline Algae Forming Maerl in the OSPAR Maritime Area. <i>PLoS ONE</i> , 2014, 9, e104073.	1.1	83
49	<i>Pseudopolyides furcellarioides</i> gen. et sp. nov. (Gigartinales, Rhodophyta) an erect member of the Cruoriaceae based on morphological and molecular evidence. <i>Phycologia</i> , 2013, 52, 191-203.	0.6	7
50	Genetic guidelines for the conservation of the endangered polyploid <i>Centaurea borjae</i> (Asteraceae). <i>Journal of Plant Research</i> , 2013, 126, 81-93.	1.2	8
51	Patterns of chloroplast DNA polymorphism in the endangered polyploid <i>Centaurea borjae</i> (Asteraceae): Implications for preserving genetic diversity. <i>Journal of Systematics and Evolution</i> , 2013, 51, 451-460.	1.6	1
52	Molecular data delineate cryptic <i>Nassarius</i> species and characterize spatial genetic structure of <i>N. nitidus</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2012, 92, 1175-1182.	0.4	10
53	Recent history of the European <i>Nassarius nitidus</i> (Gastropoda): phylogeographic evidence of glacial refugia and colonization pathways. <i>Marine Biology</i> , 2012, 159, 1871-1884.	0.7	29
54	Population structure and range expansion: the case of the invasive gastropod <i>Cyclope neritea</i> in northwest Iberian Peninsula. <i>Integrative Zoology</i> , 2012, 7, 286-298.	1.3	8

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55	AFLPs Reveal Different Population Genetic Structure under Contrasting Environments in the Marine Snail <i>Nucella lapillus</i> L.. PLoS ONE, 2012, 7, e49776.	1.1	3
56	A new taxonomic interpretation of the type of <i>Plocamium cartilagineum</i> (Plocamiales), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	0.9	18
57	Evidence for multiple introductions of the Pacific green alga <i>Ulva australis</i> Areschoug (Ulvales), Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 702 T	0.6	26
58	MULTISCALE GENETIC STRUCTURE OF AN ENDANGERED SEAWEED <i>AHNFELTIOPSIS PUSILLA</i> (RHODOPHYTA): IMPLICATIONS FOR ITS CONSERVATION1. Journal of Phycology, 2011, 47, 259-268.	1.0	11
59	MICROSATELLITE DEVELOPMENT IN RHODOPHYTA USING HIGH-THROUGHPUT SEQUENCE DATA ¹ . Journal of Phycology, 2011, 47, 1258-1265.	1.0	10
60	Low genetic variation and isolation of northern peripheral populations of a red seaweed (<i>Grateloupia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	0.9	5
61	Iberian intertidal turf assemblages dominated by <i>ErythroGLOSSUM lusitanicum</i> (Ceramiiales), Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 702 T	0.6	4
62	Decade-long monitoring reveals a transient distortion of baseline butyltin bioaccumulation pattern in gastropods. Marine Pollution Bulletin, 2010, 60, 931-934.	2.3	18
63	Biomonitoring acidic drainage impact in a complex setting using periphyton. Environmental Monitoring and Assessment, 2009, 150, 351-363.	1.3	12
64	Imposex and gender-independent butyltin accumulation in the gastropod <i>Nassarius reticulatus</i> from the Cantabrian coast (N Atlantic Spain). Chemosphere, 2009, 76, 424-427.	4.2	22
65	Decreased TBT pollution and changing bioaccumulation pattern in gastropods imply butyltin desorption from sediments. Chemosphere, 2008, 73, 1253-1257.	4.2	42
66	Introduced status of <i>Cyclope neritea</i> (Gastropoda, Nassariidae) in the NW Iberian Peninsula confirmed by mitochondrial sequence data. Marine Ecology - Progress Series, 2008, 354, 141-146.	0.9	8
67	Genetic Isolation by Distance among Populations of the Nettle Dog Whelk <i>Nassarius reticulatus</i> (L.) along the European Atlantic Coastline. Journal of Heredity, 2007, 98, 603-610.	1.0	24
68	Is the cryptic alien seaweed <i>Ulva pertusa</i> (Ulvales, Chlorophyta) widely distributed along European Atlantic coasts?. Botanica Marina, 2007, 50, 267-274.	0.6	26
69	RAPD differentiation of <i>Grateloupia lanceola</i> and the invasive <i>Grateloupia turuturu</i> (Gigartinales), Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 702 T	0.6	12
70	Discovery of imposex in the gastropod <i>Cyclope neritea</i> now invading Galicia (north-west Spain). Journal of the Marine Biological Association of the United Kingdom, 2006, 86, 1171-1173.	0.4	9
71	Population genetic structure of the prosobranch <i>Nassarius reticulatus</i> (L.) in a ria seascape (NW) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 702 T	0.7	9
72	Biomonitoring organotin pollution with gastropods and mussels. Marine Ecology - Progress Series, 2005, 287, 169-176.	0.9	32

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73	Dumpton Syndrome reduces the tributyltin (TBT) sterilising effect on <i>Nucella lapillus</i> (L.) by limiting the development of the imposed vas deferens. <i>Marine Environmental Research</i> , 2002, 54, 657-660.	1.1	11
74	Biomonitoring heavy metals in estuaries: a field comparison of two brown algae species inhabiting upper estuarine reaches. <i>Environmental Monitoring and Assessment</i> , 2002, 75, 121-134.	1.3	32
75	Imposex, organotin bioaccumulation and sterility of female <i>Nassarius reticulatus</i> in polluted areas of NW Spain. <i>Marine Ecology - Progress Series</i> , 2001, 218, 203-212.	0.9	68
76	The use of <i>Nucella lapillus</i> (L.) transplanted in cages to monitor tributyltin (TBT) pollution. <i>Science of the Total Environment</i> , 2000, 247, 227-237.	3.9	34
77	Aphally and imposex in <i>Nucella lapillus</i> from Galicia (NW Spain):incidence, geographical distribution and consequences for the biomonitoring of TBT contamination. <i>Marine Ecology - Progress Series</i> , 1999, 185, 229-238.	0.9	24
78	Influence of Trophic Status on the Toxic Effects of a Herbicide: A Microcosm Study. <i>Archives of Environmental Contamination and Toxicology</i> , 1998, 35, 404-411.	2.1	17
79	Ubiquitous imposex and organotin bioaccumulation in gastropods <i>Nucella lapillus</i> from Galicia (NW) Tj ETQq1 1 0.784314 rgBT /Overbo	0.9	38
80	Tributyltin and imposex:no uncertainty shown. <i>Marine Ecology - Progress Series</i> , 1998, 170, 293-294.	0.9	2
81	Heavy metals in sediment cores from a NW Spain estuary. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1994, 53, 368-73.	1.3	11
82	The application of microwave heating in sequential extractions of heavy metals in estuarine sediments. <i>Science of the Total Environment</i> , 1994, 152, 135-142.	3.9	24
83	Heavy-metal horizontal distribution in surface sediments from a small estuary (Pontedeume, Spain). <i>Science of the Total Environment</i> , 1994, 154, 87-100.	3.9	14
84	Heavy-metal accumulation by <i>Fucus ceranoides</i> in a small estuary in north-west Spain. <i>Marine Environmental Research</i> , 1993, 36, 39-61.	1.1	35
85	Heavy metal mixing behaviour in estuarine sediments in the Ria de Arousa (NW Spain). Differences between metals. <i>Science of the Total Environment</i> , 1993, 128, 51-67.	3.9	23
86	Toxic effects of chemicals on microorganisms. <i>Water Environment Research</i> , 1992, 64, 632-641.	1.3	9
87	Designing trails for subaquatic tourism in Marine Protected Areas. <i>Frontiers in Marine Science</i> , 0, 1, .	1.2	0
88	Effects of sand burial in integrated clonal systems of the invasive <i>Carpobrotus edulis</i> . <i>Botany Letters</i> , 0, , 1-8.	0.7	0
89	Epigenetic and Phenotypic Responses to Experimental Climate Change of Native and Invasive <i>Carpobrotus edulis</i> . <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	6