Marc Rius

List of Publications by Year
in descending order

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60 papers	3,622 citations	186265 28 h-index	144013 57 g-index
66 all docs	66 docs citations	66 times ranked	4777 citing authors

#	Article	IF	Citations
1	How does eDNA decay affect metabarcoding experiments?. Environmental DNA, 2022, 4, 108-116.	5.8	31
2	The reconstruction of invasion histories with genomic data in light of differing levels of anthropogenic transport. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210023.	4.0	9
3	Rapid niche shifts as drivers for the spread of a nonâ€indigenous species under novel environmental conditions. Diversity and Distributions, 2022, 28, 596-610.	4.1	9
4	Managing human-mediated range shifts: understanding spatial, temporal and genetic variation in marine non-native species. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210025.	4.0	8
5	Contemporary climate change hinders hybrid performance of ecologically dominant marine invertebrates. Journal of Evolutionary Biology, 2021, 34, 60-72.	1.7	8
6	Long-term environmental tolerance of the non-indigenous Pacific oyster to expected contemporary climate change conditions. Marine Environmental Research, 2021, 164, 105226.	2.5	8
7	Animals, protists and bacteria share marine biogeographic patterns. Nature Ecology and Evolution, 2021, 5, 738-746.	7.8	36
8	Development of genetic tools for the redbait species Pyura herdmani and P. stolonifera, important bioengineers along African coastlines. African Journal of Marine Science, 2021, 43, 251-257.	1.1	0
9	Nonâ€native species outperform natives in coastal marine ecosystems subjected to warming and freshening events. Global Ecology and Biogeography, 2021, 30, 1698-1712.	5.8	14
10	Genomics-informed models reveal extensive stretches of coastline under threat by an ecologically dominant invasive species. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
11	Environmental DNA sampling protocols for the surveillance of marine non-indigenous species in Irish coastal waters. Marine Pollution Bulletin, 2021, 172, 112893.	5.0	14
12	Introducing the World Register of Introduced Marine Species (WRiMS). Management of Biological Invasions, 2021, 12, 792-811.	1.2	19
13	Phylogeography and the Description of Geographic Patterns in Invasion Genomics. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	14
14	Secondary contacts and genetic admixture shape colonization by an amphiatlantic epibenthic invertebrate. Evolutionary Applications, 2020, 13, 600-612.	3.1	20
15	Detection of introduced and resident marine species using environmental DNA metabarcoding of sediment and water. Scientific Reports, 2019, 9, 11559.	3.3	109
16	Contrasting genetic structure of sympatric congeneric gastropods: Do differences in habitat preference, abundance and distribution matter?. Journal of Biogeography, 2019, 46, 369-380.	3.0	11
17	Observations of a novel predatory gull behavior on an invasive ascidian: A new consequence of coastal urban sprawl?. Ecosphere, 2019, 10, e02636.	2.2	5
18	Marine Invasion Genomics: Revealing Ecological and Evolutionary Consequences of Biological Invasions. Population Genomics, 2018, , 363-398.	0.5	11

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19	Genetic signatures of natural selection in a model invasive ascidian. Scientific Reports, 2017, 7, 44080.	3.3	30
20	Lineage splitting, secondary contacts and genetic admixture of a widely distributed marine invertebrate. Journal of Biogeography, 2017, 44, 446-460.	3.0	14
21	Recommendations for developing and applying genetic tools to assess and manage biological invasions in marine ecosystems. Marine Policy, 2017, 85, 54-64.	3.2	74
22	Global metaâ€analysis of native and nonindigenous trophic traits in aquatic ecosystems. Global Change Biology, 2017, 23, 1861-1870.	9.5	37
23	Ecological Dominance Along Rocky Shores, with a Focus on Intertidal Ascidians. , 2017, , 55-85.		12
24	How Anthropogenic Activities Affect the Establishment and Spread of Non-Indigenous Species Post-Arrival. , 2017, , 389-419.		15
25	Anthropogenic transport of species across native ranges: unpredictable genetic and evolutionary consequences. Biology Letters, 2016, 12, 20160620.	2.3	31
26	Applications of next-generation sequencing to the study of biological invasions. Environmental Epigenetics, 2015, 61, 488-504.	1.8	66
27	Corridors for aliens but not for natives: effects of marine urban sprawl at a regional scale. Diversity and Distributions, 2015, 21, 755-768.	4.1	239
28	Marine invasion genetics: from spatio-temporal patterns to evolutionary outcomes. Biological Invasions, 2015, 17, 869-885.	2.4	92
29	Range expansions across ecoregions: interactions of climate change, physiology and genetic diversity. Global Ecology and Biogeography, 2014, 23, 76-88.	5.8	59
30	Mechanisms of biotic resistance across complex life cycles. Journal of Animal Ecology, 2014, 83, 296-305.	2.8	32
31	How important is intraspecific genetic admixture to the success of colonising populations?. Trends in Ecology and Evolution, 2014, 29, 233-242.	8.7	401
32	Mixed but not admixed: a spatial analysis of genetic variation of an invasive ascidian on natural and artificial substrates. Marine Biology, 2013, 160, 1645-1660.	1.5	29
33	Cryptic diversity in coastal Australasia: a morphological and mitonuclear genetic analysis of habitat-forming sibling species. Zoological Journal of the Linnean Society, 2013, 168, 597-611.	2.3	27
34	Cryptic speciation or global spread? The case of a cosmopolitan marine invertebrate with limited dispersal capabilities. Scientific Reports, 2013, 3, 3197.	3.3	59
35	Early biotic interactions among introduced and native benthic species reveal cryptic predation and shifts in larval behaviour. Marine Ecology - Progress Series, 2013, 488, 65-79.	1.9	10
36	The Magnitude of Global Marine Species Diversity. Current Biology, 2012, 22, 2189-2202.	3.9	797

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37	Ascidian introductions through the Suez Canal: The case study of an Indo-Pacific species. Marine Pollution Bulletin, 2012, 64, 2060-2068.	5.0	22
38	Tough Adults, Frail Babies: An Analysis of Stress Sensitivity across Early Life-History Stages of Widely Introduced Marine Invertebrates. PLoS ONE, 2012, 7, e46672.	2.5	84
39	Tracking Invasion Histories in the Sea: Facing Complex Scenarios Using Multilocus Data. PLoS ONE, 2012, 7, e35815.	2.5	48
40	Introduced and cryptogenic marine and estuarine species of South Africa. Journal of Natural History, 2011, 45, 2463-2524.	0.5	84
41	A revision of the Pyura stolonifera species complex (Tunicata, Ascidiacea), with a description of a new species from Australia. Zootaxa, 2011, 2754, .	0.5	20
42	Long-term coexistence of non-indigenous species in aquaculture facilities. Marine Pollution Bulletin, 2011, 62, 2395-2403.	5.0	39
43	Revealing the scale of marine bioinvasions in developing regions: a South African re-assessment. Biological Invasions, 2011, 13, 1991-2008.	2.4	79
44	"Nested" cryptic diversity in a widespread marine ecosystem engineer: a challenge for detecting biological invasions. BMC Evolutionary Biology, 2011, 11, 176.	3.2	39
45	Propagule size effects across multiple lifeâ€history stages in a marine invertebrate. Functional Ecology, 2010, 24, 685-693.	3.6	24
46	Larval settlement behaviour in six gregarious ascidians in relation to adult distribution. Marine Ecology - Progress Series, 2010, 418, 151-163.	1.9	43
47	Facilitation and competition between invasive and indigenous mussels over a gradient of physical stress. Basic and Applied Ecology, 2009, 10, 607-613.	2.7	47
48	Non-lethal effects of an invasive species in the marine environment: the importance of early life-history stages. Oecologia, 2009, 159, 873-882.	2.0	34
49	Population dynamics and life cycle of the introduced ascidian Microcosmus squamiger in the Mediterranean Sea. Biological Invasions, 2009, 11, 2181-2194.	2.4	44
50	Isolation and characterization of eight polymorphic microsatellite loci for the Mediterranean gorgonian Paramuricea clavata. Conservation Genetics, 2009, 10, 2025-2027.	1.5	10
51	Are marine protected areas useful for the recovery of the Mediterranean mussel populations?. Aquatic Conservation: Marine and Freshwater Ecosystems, 2008, 18, 527-540.	2.0	15
52	Phylogeography of the widespread marine invader Microcosmus squamiger (Ascidiacea) reveals high genetic diversity of introduced populations and nonâ€independent colonizations. Diversity and Distributions, 2008, 14, 818-828.	4.1	68
53	Isolation of polymorphic microsatellite loci for the marine invader Microcosmus squamiger (Ascidiacea). Molecular Ecology Resources, 2008, 8, 1405-1407.	4.8	4
54	Spread of Microcosmus squamiger (Ascidiacea: Pyuridae) in the Mediterranean Sea and adjacent waters. Journal of Experimental Marine Biology and Ecology, 2007, 342, 185-188.	1.5	46

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55	The effect of protection on fish populations in the Ses Negres Marine Reserve (NW Mediterranean,) Tj ETQq1 1 0.784314 rgBT /Overlo	0.6	11
56	Wave action and competitive interaction between the invasive mussel Mytilus galloprovincialis and the indigenous Perna perna in South Africa. Marine Biology, 2006, 150, 69-78.	1.5	73
57	Hydrodynamic stress and habitat partitioning between indigenous (Perna perna) and invasive (Mytilus) Tj ETQq1 1 0.784314 rgBT /Ov	1.5	102
58	Marine alien species of South Africa â€" status and impacts. African Journal of Marine Science, 2005, 27, 297-306.	1.1	234
59	Human harvesting of <i>Mytilus galloprovincialis</i> Lamarck, 1819, on the central coast of Portugal. Scientia Marina, 2004, 68, 545-551.	0.6	26
60	Optimising the detection of marine taxonomic richness using environmental DNA metabarcoding: the effects of filter material, pore size and extraction method. Metabarcoding and Metagenomics, 0, 2, .	0.0	55