Ester A. Serrao

List of Publications by Year
in descending order

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264 papers	10,890 citations	28274 55 h-index	48315 88 g-index
270 all docs	270 docs citations	270 times ranked	8917 citing authors

#	Article	IF	Citations
1	Standardizing methods to address clonality in population studies. Molecular Ecology, 2007, 16, 5115-5139.	3.9	568
2	Bioâ€ORACLE v2.0: Extending marine data layers for bioclimatic modelling. Global Ecology and Biogeography, 2018, 27, 277-284.	5.8	567
3	North Atlantic phylogeography and large-scale population differentiation of the seagrass Zostera marina L.. Molecular Ecology, 2004, 13, 1923-1941.	3.9	277
4	Implications of Extreme Life Span in Clonal Organisms: Millenary Clones in Meadows of the Threatened Seagrass Posidonia oceanica. PLoS ONE, 2012, 7, e30454.	2.5	195
5	Genetic structure at range edge: low diversity and high inbreeding in Southeast Asian mangrove (Avicennia marina) populations. Molecular Ecology, 2006, 15, 3515-3525.	3.9	173
6	Vicariance patterns in the Mediterranean Sea: eastâ€“west cleavage and low dispersal in the endemic seagrass Posidonia oceanica. Journal of Biogeography, 2007, 34, 963-976.	3.0	159
7	Assessing Genetic Diversity in Clonal Organisms: Low Diversity or Low Resolution? Combining Power and Cost Efficiency in Selecting Markers. Journal of Heredity, 2005, 96, 434-440.	2.4	156
8	European seaweeds under pressure: Consequences for communities and ecosystem functioning. Journal of Sea Research, 2015, 98, 91-108.	1.6	155
9	Network analysis identifies weak and strong links in a metapopulation system. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18824-18829.	7.1	152
10	Climate Change Impacts on Seagrass Meadows and Macroalgal Forests: An Integrative Perspective on Acclimation and Adaptation Potential. Frontiers in Marine Science, 2018, 5, .	2.5	149
11	Successful external fertilization in turbulent environments.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 5286-5290.	7.1	145
12	EVOLUTION OF THE FUCACEAE (PHAEOPHYCEAE) INFERRED FROM nrDNA-ITS. Journal of Phycology, 1999, 35, 382-394.	2.3	141
13	Projected climate changes threaten ancient refugia of kelp forests in the North Atlantic. Global Change Biology, 2018, 24, e55-e66.	9.5	140
14	Dramatic loss of seagrass habitat under projected climate change in the Mediterranean Sea. Global Change Biology, 2018, 24, 4919-4928.	9.5	140
15	Shift happens: trailing edge contraction associated with recent warming trends threatens a distinct genetic lineage in the marine macroalga Fucus vesiculosus. BMC Biology, 2013, 11, 6.	3.8	130
16	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 May 2009â€“31 July 2009. Molecular Ecology Resources, 2009, 9, 1460-1466.	4.8	128
17	ECOLOGICAL GENETICS IN THE NORTH ATLANTIC: ENVIRONMENTAL GRADIENTS AND ADAPTATION AT SPECIFIC LOCI. Ecology, 2008, 89, S91-107.	3.2	124
18	Within-population spatial genetic structure, neighbourhood size and clonal subrange in the seagrass Cymodocea nodosa. Molecular Ecology, 2005, 14, 2669-2681.	3.9	123

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19	Toward a Coordinated Global Observing System for Seagrasses and Marine Macroalgae. Frontiers in Marine Science, 2019, 6, .	2.5	123
20	Intriguing asexual life in marginal populations of the brown seaweed Fucus vesiculosus. Molecular Ecology, 2005, 14, 647-651.	3.9	115
21	Distributional success of the marine seaweedFucus vesiculosus L. in the brackish Baltic Sea correlates with osmotic capabilities of Baltic gametes. Oecologia, 1996, 107, 1-12.	2.0	106
22	Genetic differentiation and secondary contact zone in the seagrass Cymodocea nodosa across the Mediterraneanâ€“Atlantic transition region. Journal of Biogeography, 2008, 35, 1279-1294.	3.0	105
23	Isolation by oceanographic distance explains genetic structure for Macrocystis pyrifera in the Santa Barbara Channel. Molecular Ecology, 2011, 20, 2543-2554.	3.9	102
24	Genetic structure in the Mediterranean seagrassPosidonia oceanica: disentangling past vicariance events from contemporary patterns of gene flow. Molecular Ecology, 2010, 19, 557-568.	3.9	101
25	Upwelling areas as climate change refugia for the distribution and genetic diversity of a marine macroalga. Journal of Biogeography, 2016, 43, 1595-1607.	3.0	92
26	Harnessing positive species interactions as a tool against climate-driven loss of coastal biodiversity. PLoS Biology, 2018, 16, e2006852.	5.6	91
27	REPRODUCTIVE SUCCESS OF FUCUS VESICULOSUS (PHAEOPHYCEAE) IN THE BALTIC SEA. Journal of Phycology, 1999, 35, 254-269.	2.3	90
28	High and Distinct Range-Edge Genetic Diversity despite Local Bottlenecks. PLoS ONE, 2013, 8, e68646.	2.5	90
29	CONTROL OF GAMETE RELEASE IN FUCOID ALGAE: SENSING HYDRODYNAMIC CONDITIONS VIA CARBON ACQUISITION. Ecology, 1998, 79, 1725-1739.	3.2	89
30	Major shifts at the range edge of marine forests: the combined effects of climate changes and limited dispersal. Scientific Reports, 2017, 7, 44348.	3.3	87
31	Adaptive Traits Are Maintained on Steep Selective Gradients despite Gene Flow and Hybridization in the Intertidal Zone. PLoS ONE, 2011, 6, e19402.	2.5	86
32	Deep reefs are climatic refugia for genetic diversity of marine forests. Journal of Biogeography, 2016, 43, 833-844.	3.0	84
33	Phylogeny and Evolution of the Brown Algae. Critical Reviews in Plant Sciences, 2020, 39, 281-321.	5.7	82
34	Habitat continuity and geographic distance predict population genetic differentiation in giant kelp. Ecology, 2010, 91, 49-56.	3.2	81
35	Seagrasses in Portugal: A most endangered marine habitat. Aquatic Botany, 2013, 104, 193-203.	1.6	79
36	Temperature tolerance and survival of intertidal populations of the seagrass Zostera noltii (Hornemann) in Southern Europe (Ria Formosa, Portugal). Hydrobiologia, 2009, 619, 195-201.	2.0	78

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37	An Expressed Sequence Tag Analysis of the Intertidal Brown Seaweeds Fucus serratus (L.) and F. vesiculosus (L.) (Heterokontophyta, Phaeophyceae) in Response to Abiotic Stressors. Marine Biotechnology, 2010, 12, 195-213.	2.4	77
38	Climateâ€driven range shifts explain the distribution of extant gene pools and predict future loss of unique lineages in a marine brown alga. Molecular Ecology, 2014, 23, 2797-2810.	3.9	77
39	Genetic entities and mating system in hermaphroditic Fucus spiralis and its close dioecious relative F. vesiculosus (Fucaceae, Phaeophyceae). Molecular Ecology, 2005, 14, 2033-2046.	3.9	74
40	Spectrum of genetic diversity and networks of clonal organisms. Journal of the Royal Society Interface, 2007, 4, 1093-1102.	3.4	72
41	Host and Environmental Specificity in Bacterial Communities Associated to Two Highly Invasive Marine Species (Genus Asparagopsis). Frontiers in Microbiology, 2016, 7, 559.	3.5	72
42	Spatial patterns of groundfish assemblages on the continental shelf of Portugal. ICES Journal of Marine Science, 2001, 58, 633-647.	2.5	70
43	Rangeâ€edge genetic diversity: locally poor extant southern patches maintain a regionally diverse hotspot in the seagrass Zostera marina. Molecular Ecology, 2012, 21, 1647-1657.	3.9	68
44	Golden carbon of Sargassum forests revealed as an opportunity for climate change mitigation. Science of the Total Environment, 2020, 729, 138745.	8.0	68
45	Future climate change is predicted to shift long-term persistence zones in the cold-temperate kelp Laminaria hyperborea. Marine Environmental Research, 2016, 113, 174-182.	2.5	67
46	Habitat continuity and steppingâ€stone oceanographic distances explain population genetic connectivity of the brown alga Cystoseira amentacea. Molecular Ecology, 2017, 26, 766-780.	3.9	66
47	Evolution and diversification within the intertidal brown macroalgae Fucus spiralis/F. vesiculosus species complex in the North Atlantic. Molecular Phylogenetics and Evolution, 2011, 58, 283-296.	2.7	65
48	Invasion Is a Community Affair: Clandestine Followers in the Bacterial Community Associated to Green Algae, Caulerpa racemosa, Track the Invasion Source. PLoS ONE, 2013, 8, e68429.	2.5	63
49	Isolation and cross-species amplification of microsatellite loci from the fucoid seaweeds Fucus vesiculosus, F. serratus and Ascophyllum nodosum (Heterokontophyta, Fucaceae). Molecular Ecology Notes, 2003, 3, 180-182.	1.7	61
50	Surfing the wave on a borrowed board: range expansion and spread of introgressed organellar genomes in the seaweed Fucus ceranoides L.. Molecular Ecology, 2010, 19, 4812-4822.	3.9	61
51	Species distribution models and mitochondrial <scp>DNA</scp> phylogeography suggest an extensive biogeographical shift in the highâ€intertidal seaweed Pelvetia canaliculata. Journal of Biogeography, 2014, 41, 1137-1148.	3.0	61
52	Glacial vicariance drives phylogeographic diversification in the amphi-boreal kelp Saccharina latissima. Scientific Reports, 2018, 8, 1112.	3.3	61
53	GENOMIC DNA ISOLATION FROM GREEN AND BROWN ALGAE (CAULERPALES AND FUCALES) FOR MICROSATELLITE LIBRARY CONSTRUCTION1. Journal of Phycology, 2006, 42, 741-745.	2.3	60
54	Simple and rapid RNA extraction from freeze-dried tissue of brown algae and seagrasses. European Journal of Phycology, 2006, 41, 97-104.	2.0	60

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55	Panmixia in a Fragmented and Unstable Environment: The Hydrothermal Shrimp Rimicaris exoculata Disperses Extensively along the Mid-Atlantic Ridge. PLoS ONE, 2012, 7, e38521.	2.5	59
56	Oceanographic Conditions Limit the Spread of a Marine Invader along Southern African Shores. PLoS ONE, 2015, 10, e0128124.	2.5	58
57	Revisiting synchronous gamete release by fucoid algae in the intertidal zone: fertilization success and beyond?. Integrative and Comparative Biology, 2006, 46, 587-597.	2.0	57
58	Recent population expansion and connectivity in the hydrothermal shrimp Rimicaris exoculata along the Mid-Atlantic Ridge. Journal of Biogeography, 2011, 38, 564-574.	3.0	57
59	Love Thy Neighbour: Group Properties of Gaping Behaviour in Mussel Aggregations. PLoS ONE, 2012, 7, e47382.	2.5	57
60	Summer shifts of bacterial communities associated with the invasive brown seaweed Sargassum muticum are location and tissue dependent. PLoS ONE, 2018, 13, e0206734.	2.5	57
61	Seascape drivers of <scp>M</scp>acrocystis pyrifera population genetic structure in the northeast <scp>P</scp>acific. Molecular Ecology, 2015, 24, 4866-4885.	3.9	55
62	Hologenome theory supported by cooccurrence networks of species-specific bacterial communities in siphonous algae (Caulerpa). FEMS Microbiology Ecology, 2015, 91, fiv067.	2.7	55
63	Metatranscriptomes reveal functional variation in diatom communities from the Antarctic Peninsula. ISME Journal, 2015, 9, 2275-2289.	9.8	55
64	Convergent adaptation to a marginal habitat by homoploid hybrids and polyploid ecads in the seaweed genus Fucus. Biology Letters, 2006, 2, 405-408.	2.3	54
65	Driving south: a multi-gene phylogeny of the brown algal family Fucaceae reveals relationships and recent drivers of a marine radiation. BMC Evolutionary Biology, 2011, 11, 371.	3.2	53
66	Species Specificity of Bacteria Associated to the Brown Seaweeds Lobophora (Dictyotales,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td Frontiers in Microbiology, 2016, 7, 316.	3.5	53
67	Genetic diversity of a clonal angiosperm near its range limit: the case of Cymodocea nodosa at the Canary Islands. Marine Ecology - Progress Series, 2006, 309, 117-129.	1.9	53
68	Genes Left Behind: Climate Change Threatens Cryptic Genetic Diversity in the Canopy-Forming Seaweed Bifurcaria bifurcata. PLoS ONE, 2015, 10, e0131530.	2.5	52
69	Comparative Analysis of Stabilityâ€"Genetic Diversity in Seagrass (Posidonia oceanica) Meadows Yields Unexpected Results. Estuaries and Coasts, 2010, 33, 878-889.	2.2	51
70	High connectivity across the fragmented chemosynthetic ecosystems of the deep <scp>A</scp>tlantic <scp>E</scp>quatorial <scp>B</scp>elt: efficient dispersal mechanisms or questionable endemism?. Molecular Ecology, 2013, 22, 4663-4680.	3.9	51
71	Large-Scale Prediction of Seagrass Distribution Integrating Landscape Metrics and Environmental Factors: The Case of Cymodocea nodosa (Mediterraneanâ€"Atlantic). Estuaries and Coasts, 2016, 39, 123-137.	2.2	51
72	Open Coast Seagrass Restoration. Can We Do It? Large Scale Seagrass Transplants. Frontiers in Marine Science, 2019, 6, .	2.5	50

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73	Drifting fronds and drifting alleles: range dynamics, local dispersal and habitat isolation shape the population structure of the estuarine seaweed Fucus ceranoides. Journal of Biogeography, 2012, 39, 1167-1178.	3.0	48
74	Implications of mating system for genetic diversity of sister algal species:Fucus spiralisandFucus vesiculosus(Heterokontophyta, Phaeophyceae). European Journal of Phycology, 2007, 42, 219-230.	2.0	47
75	Feed-backs between genetic structure and perturbation-driven decline in seagrass (Posidonia) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	47
76	A fine-tuned global distribution dataset of marine forests. Scientific Data, 2020, 7, 119.	5.3	45
77	Fine-scale genetic breaks driven by historical range dynamics and ongoing density-barrier effects in the estuarine seaweed Fucus ceranoides L.. BMC Evolutionary Biology, 2012, 12, 78.	3.2	44
78	Past climate changes and strong oceanographic barriers structured lowâ€latitude genetic relics for the golden kelp Laminaria ochroleuca. Journal of Biogeography, 2018, 45, 2326-2336.	3.0	44
79	Fucus vesiculosus and spiralis species complex: a nested model of local adaptation at the shore level. Marine Ecology - Progress Series, 2010, 405, 163-174.	1.9	44
80	Entangled effects of allelic and clonal (genotypic) richness in the resistance and resilience of experimental populations of the seagrass Zostera noltii to diatom invasion. BMC Ecology, 2013, 13, 39.	3.0	43
81	Interactions of daylength, temperature and nutrients affect thresholds for life stage transitions in the kelp Laminaria digitata (Phaeophyceae). Botanica Marina, 2017, 60, .	1.2	43
82	Predicted extinction of unique genetic diversity in marine forests of Cystoseira spp.. Marine Environmental Research, 2018, 138, 119-128.	2.5	43
83	Taking the heat: distinct vulnerability to thermal stress of central and threatened peripheral lineages of a marine macroalga. Diversity and Distributions, 2016, 22, 1060-1068.	4.1	42
84	Entangled fates of holobiont genomes during invasion: nested bacterial and host diversities in Caulerpa taxifolia. Molecular Ecology, 2017, 26, 2379-2391.	3.9	42
85	GENETIC ISOLATION BETWEEN THREE CLOSELY RELATED TAXA: FUCUS VESICULOSUS, F. SPIRALIS, AND F. CERANOIDES (PHAOPHYCEAE)1. Journal of Phycology, 2005, 41, 900-905.	2.3	40
86	Evolutionary history of the seagrass genus Posidonia. Marine Ecology - Progress Series, 2011, 421, 117-130.	1.9	40
87	Closer to the rear edge: ecology and genetic diversity down the coreâ€edge gradient of a marine macroalga. Ecosphere, 2015, 6, 1-25.	2.2	39
88	Environmental drivers of rhodolith beds and epiphytes community along the South Western Atlantic coast. Marine Environmental Research, 2020, 154, 104827.	2.5	38
89	Setting preliminary biometric baselines for new target sea cucumbers species of the NE Atlantic and Mediterranean fisheries. Fisheries Research, 2016, 179, 57-66.	1.7	37
90	PHENOTYPIC DIFFERENTIATION AT SOUTHERN LIMIT BORDERS: THE CASE STUDY OF TWO FUCOID MACROALGAL SPECIES WITH DIFFERENT LIFE-HISTORY TRAITS1. Journal of Phycology, 2011, 47, 451-462.	2.3	36

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91	New microsatellite markers for the endemic Mediterranean seagrass Posidonia oceanica. Molecular Ecology Notes, 2003, 3, 253-255.	1.7	35
92	Genetic sub-structure and intermediate optimal outcrossing distance in the marine angiosperm Zostera marina. Marine Biology, 2007, 152, 793-801.	1.5	35
93	Performing fish counts with a wide-angle camera, a promising approach reducing divers' limitations. Journal of Experimental Marine Biology and Ecology, 2013, 445, 93-98.	1.5	35
94	Overlooked habitat of a vulnerable gorgonian revealed in the Mediterranean and Eastern Atlantic by ecological niche modelling. Scientific Reports, 2016, 6, 36460.	3.3	35
95	Effects of disturbance on marginal populations: human trampling on Ascophyllum nodosum assemblages at its southern distribution limit. Marine Ecology - Progress Series, 2009, 378, 81-92.	1.9	35
96	Periodicity of propagule expulsion and settlement in the competing native and invasive brown seaweeds,Cystoseira humilisandSargassum muticum(Phaeophyta). European Journal of Phycology, 2008, 43, 275-282.	2.0	34
97	Broad scale agreement between intertidal habitats and adaptive traits on a basis of contrasting population genetic structure. Estuarine, Coastal and Shelf Science, 2013, 131, 140-148.	2.1	34
98	Extending the life history of a clonal aquatic plant: Dispersal potential of sexual and asexual propagules of Zostera noltii. Aquatic Botany, 2014, 113, 123-129.	1.6	34
99	Genetic diversity of Saccharina latissima (Phaeophyceae) along a salinity gradient in the North Seaâ€“Baltic Sea transition zone. Journal of Phycology, 2016, 52, 523-531.	2.3	34
100	Kelpsâ€™ Long-Distance Dispersal: Role of Ecological/Oceanographic Processes and Implications to Marine Forest Conservation. Diversity, 2018, 10, 11.	1.7	34
101	Analysis of sexual phenotype and prezygotic fertility in natural populations ofFucus spiralis, F. vesiculosus(Fucaceae, Phaeophyceae) and their putative hybrids. European Journal of Phycology, 2005, 40, 397-407.	2.0	33
102	Wider sampling reveals a nonâ€sister relationship for geographically contiguous lineages of a marine mussel. Ecology and Evolution, 2014, 4, 2070-2081.	1.9	33
103	Some don't like it hot: microhabitatâ€dependent thermal and water stresses in a trailing edge population. Functional Ecology, 2015, 29, 640-649.	3.6	33
104	Hybrid vigour for thermal tolerance in hybrids between the allopatric kelps Laminaria digitata and L. pallida (Laminariales, Phaeophyceae) with contrasting thermal affinities. European Journal of Phycology, 2019, 54, 548-561.	2.0	32
105	Spatial synchronies in the seasonal occurrence of larvae of oysters (Crassostrea gigas) and mussels (Mytilus edulis/galloprovincialis) in European coastal waters. Estuarine, Coastal and Shelf Science, 2012, 108, 52-63.	2.1	31
106	Genetic and oceanographic tools reveal high population connectivity and diversity in the endangered pen shell Pinna nobilis. Scientific Reports, 2018, 8, 4770.	3.3	31
107	A Well-Kept Treasure at Depth: Precious Red Coral Rediscovered in Atlantic Deep Coral Gardens (SW) Tj ETQq1 1 0.784314 rgBT /Ove	2.5	31
108	Comparison of small remotely operated vehicles and diver-operated video of circalittoral benthos. Hydrobiologia, 2016, 766, 247-260.	2.0	30

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109	Integrating reproductive phenology in ecological niche models changed the predicted future ranges of a marine invader. Diversity and Distributions, 2019, 25, 688-700.	4.1	30
110	Spatial patterns of microbial communities across surface waters of the Great Barrier Reef. Communications Biology, 2020, 3, 442.	4.4	30
111	Microbiome dynamics in the tissue and mucus of acroporid corals differ in relation to host and environmental parameters. PeerJ, 2020, 8, e9644.	2.0	30
112	Expressed sequence tags from heat-shocked seagrass Zostera noltii (Hornemann) from its southern distribution range. Marine Genomics, 2011, 4, 181-188.	1.1	29
113	Comparison of phototrophic shell-degrading endoliths in invasive and native populations of the intertidal mussel Mytilus galloprovincialis. Biological Invasions, 2013, 15, 1253-1272.	2.4	29
114	Palaeoclimatic conditions in the Mediterranean explain genetic diversity of Posidonia oceanica seagrass meadows. Scientific Reports, 2017, 7, 2732.	3.3	29
115	Connectivity, neutral theories and the assessment of species vulnerability to global change in temperate estuaries. Estuarine, Coastal and Shelf Science, 2013, 131, 52-63.	2.1	28
116	Disentangling the Influence of Mutation and Migration in Clonal Seagrasses Using the Genetic Diversity Spectrum for Microsatellites. Journal of Heredity, 2014, 105, 532-541.	2.4	28
117	Differentiation in fitness-related traits in response to elevated temperatures between leading and trailing edge populations of marine macrophytes. PLoS ONE, 2018, 13, e0203666.	2.5	28
118	Climate Oscillations, Range Shifts and Phylogeographic Patterns of North Atlantic Fucaceae. , 2016, , 279-308.		27
119	Bottom Trawling Threatens Future Climate Refugia of Rhodoliths Globally. Frontiers in Marine Science, 2021, 7, .	2.5	27
120	Characterization of microsatellite loci in the dwarf eelgrass Zostera noltii (Zosteraceae) and cross-reactivity with Z. japonica. Molecular Ecology Notes, 2004, 4, 497-499.	1.7	25
121	Timing and success of reproductive stages in the seagrass Zostera noltii. Aquatic Botany, 2006, 85, 219-223.	1.6	25
122	Response of kelps from different latitudes to consecutive heat shock. Journal of Experimental Marine Biology and Ecology, 2015, 463, 57-62.	1.5	25
123	Host Differentiation and Compartmentalization of Microbial Communities in the Azooxanthellate Cupcorals Tubastrea coccinea and Rhizopsammia goesi in the Caribbean. Frontiers in Marine Science, 2018, 5, .	2.5	25
124	Marine forests of the Mediterranean-Atlantic Cystoseira tamariscifolia complex show a southern Iberian genetic hotspot and no reproductive isolation in parapatry. Scientific Reports, 2018, 8, 10427.	3.3	25
125	Seaweed Loads Cause Stronger Bacterial Community Shifts in Coastal Lagoon Sediments Than Nutrient Loads. Frontiers in Microbiology, 2018, 9, 3283.	3.5	25
126	Mediterranean Species of Caulerpa Are Polyploid with Smaller Genomes in the Invasive Ones. PLoS ONE, 2012, 7, e47728.	2.5	24

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127	Spatial and Temporal Dynamics of Fucoid Populations (Ascophyllum nodosum and Fucus serratus): A Comparison between Central and Range Edge Populations. PLoS ONE, 2014, 9, e92177.	2.5	24
128	Intraspecific genetic lineages of a marine mussel show behavioural divergence and spatial segregation over a tropical/subtropical biogeographic transition. BMC Evolutionary Biology, 2015, 15, 100.	3.2	24
129	West versus <scp>E</scp>ast <scp>M</scp>editerranean <scp>S</scp>ea: origin and genetic differentiation of the sea cucumber <scp>H</scp>olothuria polii. Marine Ecology, 2015, 36, 485-495.	1.1	24
130	Brazil oil spill response: Protect rhodolith beds. Science, 2020, 367, 156-156.	12.6	24
131	Travelling in time with networks: Revealing present day hybridization versus ancestral polymorphism between two species of brown algae, Fucus vesiculosus and F. spiralis. BMC Evolutionary Biology, 2011, 11, 33.	3.2	23
132	The interaction between the proliferating macroalga Asparagopsis taxiformis and the coral Astroides calycularis induces changes in microbiome and metabolomic fingerprints. Scientific Reports, 2017, 7, 42625.	3.3	23
133	Canopy microclimate modification in central and marginal populations of a marine macroalga. Marine Biodiversity, 2019, 49, 415-424.	1.0	23
134	Blue- and green-light signals for gamete release in the brown alga, Silvetia compressa. Oecologia, 2004, 138, 193-201.	2.0	22
135	First record of the brown mussel (Perna perna) from the European Atlantic coast. Marine Biodiversity Records, 2012, 5, .	1.2	22
136	Prezygotic Barriers to Hybridization in Marine Broadcast Spawners: Reproductive Timing and Mating System Variation. PLoS ONE, 2012, 7, e35978.	2.5	22
137	Characterization of 12 polymorphic microsatellite markers in the sugar kelp Saccharina latissima. Journal of Applied Phycology, 2016, 28, 3071-3074.	2.8	22
138	Re-assessing the origins of the invasive mussel Mytilus galloprovincialis in southern Africa. Marine and Freshwater Research, 2018, 69, 607.	1.3	22
139	Global biodiversity patterns of marine forests of brown macroalgae. Global Ecology and Biogeography, 2022, 31, 636-648.	5.8	22
140	Recovery after trampling disturbance in a canopy-forming seaweed population. Marine Biology, 2012, 159, 697-707.	1.5	21
141	Genetic Diversity and Local Connectivity in the Mediterranean Red Gorgonian Coral after Mass Mortality Events. PLoS ONE, 2016, 11, e0150590.	2.5	21
142	Polyploid lineages in the genus Porphyra. Scientific Reports, 2018, 8, 8696.	3.3	21
143	Suppression subtractive hybridization for studying gene expression during aerial exposure and desiccation in fucoid algae. European Journal of Phycology, 2001, 36, 359-366.	2.0	20
144	SELECTIVE ELIMINATION OF CHLOROPLASTIDIAL DNA FOR METAGENOMICS OF BACTERIA ASSOCIATED WITH THE GREEN ALGA CAULERPA TAXIFOLIA (BRYOPSIDOPHYCEAE)¹. Journal of Phycology, 2012, 48, 483-490.	2.3	19

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145	Accounting for uncertainty in predictions of a marine species: Integrating population genetics to verify past distributions. Ecological Modelling, 2017, 359, 229-239.	2.5	19
146	Thermal traits for reproduction and recruitment differ between Arctic and Atlantic kelp Laminaria digitata. PLoS ONE, 2020, 15, e0235388.	2.5	19
147	Charting a course for genetic diversity in the UN Decade of Ocean Science. Evolutionary Applications, 2021, 14, 1497-1518.	3.1	19
148	Multilocus genetic analyses provide insight into speciation and hybridization in aquatic grasses, genusRuppia. Biological Journal of the Linnean Society, 2016, 117, 177-191.	1.6	18
149	Cryptic diversity, geographical endemism and allopolyploidy in NE Pacific seaweeds. BMC Evolutionary Biology, 2017, 17, 30.	3.2	18
150	Genetic recolonization of mangrove: genetic diversity still increasing in the Mekong Delta 30 years after Agent Orange. Marine Ecology - Progress Series, 2009, 390, 129-135.	1.9	18
151	HABITAT DIFFERENCES IN THE TIMING OF REPRODUCTION OF THE INVASIVE ALGA SARGASSUM MUTICUM (PHAEOPHYTA, SARGASSACEAE) OVER TIDAL AND LUNAR CYCLES¹. Journal of Phycology, 2009, 45, 1-7.	2.3	17
152	The possible origin of Zostera noltii in the Canary Islands and guidelines for restoration. Marine Biology, 2010, 157, 2109-2115.	1.5	17
153	Looking into the black box: simulating the role of selfâ€fertilization and mortality in the genetic structure of Macrocystis pyrifera. Molecular Ecology, 2013, 22, 4842-4854.	3.9	17
154	Temporal windows of reproductive opportunity reinforce species barriers in a marine broadcast spawning assemblage. Scientific Reports, 2016, 6, 29198.	3.3	17
155	Do hatchery-reared sea urchins pose a threat to genetic diversity in wild populations?. Heredity, 2016, 116, 378-383.	2.6	17
156	The microbiome of the habitatâ€forming brown alga Fucus vesiculosus (Phaeophyceae) has similar crossâ€Atlantic structure that reflects past and present drivers¹. Journal of Phycology, 2021, 57, 1681-1698.	2.3	17
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158	Tradeâ€offs between lifeâ€history traits at rangeâ€edge and central locations. Journal of Phycology, 2015, 51, 808-818.	2.3	16
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