

# Myriam Valero

## List of Publications by Citations

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120  
papers

3,954  
citations

38  
h-index

57  
g-index

122  
ext. papers

4,605  
ext. citations

4  
avg, IF

5.11  
L-index

#	Paper	IF	Citations
120	Short allele dominance as a source of heterozygote deficiency at microsatellite loci: experimental evidence at the dinucleotide locus Gv1CT in <i>Gracilaria gracilis</i> (Rhodophyta). <i>Molecular Ecology</i> , <b>1998</b> , 7, 1569-1573	5.7	186
119	Species are hypotheses: avoid connectivity assessments based on pillars of sand. <i>Molecular Ecology</i> , <b>2015</b> , 24, 525-44	5.7	138
118	Transition from haploidy to diploidy. <i>Nature</i> , <b>1991</b> , 351, 315-7	50.4	115
117	Decline in Kelp in West Europe and Climate. <i>PLoS ONE</i> , <b>2013</b> , 8, e66044	3.7	106
116	Genetic variation in wild and cultivated populations of the haploid-diploid red alga <i>Gracilaria chilensis</i> : how farming practices favor asexual reproduction and heterozygosity. <i>Evolution; International Journal of Organic Evolution</i> , <b>2008</b> , 62, 1500-19	3.8	103
115	Variation in Sexual and Asexual Reproduction among Young and Old Populations of the Perennial Macrophyte <i>Sparganium erectum</i> . <i>Oikos</i> , <b>1998</b> , 82, 139	4	97
114	A haploid system of sex determination in the brown alga <i>Ectocarpus</i> sp. <i>Current Biology</i> , <b>2014</b> , 24, 1945-573	5.7	93
113	Complex life cycles of multicellular eukaryotes: new approaches based on the use of model organisms. <i>Gene</i> , <b>2007</b> , 406, 152-70	3.8	92
112	Current patterns, habitat discontinuities and population genetic structure: the case of the kelp <i>Laminaria digitata</i> in the English Channel. <i>Marine Ecology - Progress Series</i> , <b>2003</b> , 253, 111-121	2.6	85
111	Phylogeographic analyses of the 30 degrees S south-east Pacific biogeographic transition zone establish the occurrence of a sharp genetic discontinuity in the kelp <i>Lessonia nigrescens</i> : vicariance or parapatry?. <i>Molecular Phylogenetics and Evolution</i> , <b>2009</b> , 53, 679-93	4.1	84
110	The phylogeographic architecture of the furoid seaweed <i>Ascophyllum nodosum</i> : an intertidal marine tree-land survivor of more than one glacial-interglacial cycle. <i>Journal of Biogeography</i> , <b>2010</b> , 37, 842-856	4.1	83
109	Evolution of alternation of haploid and diploid phases in life cycles. <i>Trends in Ecology and Evolution</i> , <b>1992</b> , 7, 25-9	10.9	82
108	Phylogenetic analyses of <i>Caulerpa taxifolia</i> (Chlorophyta) and of its associated bacterial microflora provide clues to the origin of the Mediterranean introduction. <i>Molecular Ecology</i> , <b>2001</b> , 10, 931-46	5.7	81
107	Status, trends and drivers of kelp forests in Europe: an expert assessment. <i>Biodiversity and Conservation</i> , <b>2016</b> , 25, 1319-1348	3.4	72
106	Mating system and gene flow in the red seaweed <i>Gracilaria gracilis</i> : effect of haploid-diploid life history and intertidal rocky shore landscape on fine-scale genetic structure. <i>Heredity</i> , <b>2004</b> , 92, 289-98	3.6	70
105	High and distinct range-edge genetic diversity despite local bottlenecks. <i>PLoS ONE</i> , <b>2013</b> , 8, e68646	3.7	66
104	What controls haploid-diploid ratio in the red alga, <i>Gracilaria verrucosa</i> ?. <i>Journal of Evolutionary Biology</i> , <b>1989</b> , 2, 317-338	2.3	66

103	Deep reefs are climatic refugia for genetic diversity of marine forests. <i>Journal of Biogeography</i> , <b>2016</b> , 43, 833-844	4.1	62
102	Evolution and diversification within the intertidal brown macroalgae <i>Fucus spiralis</i> /F. <i>vesiculosus</i> species complex in the North Atlantic. <i>Molecular Phylogenetics and Evolution</i> , <b>2011</b> , 58, 283-96	4.1	61
101	Surfing the wave on a borrowed board: range expansion and spread of introgressed organellar genomes in the seaweed <i>Fucus ceranoides</i> L. <i>Molecular Ecology</i> , <b>2010</b> , 19, 4812-22	5.7	56
100	Intergametophytic selfing and microgeographic genetic structure shape populations of the intertidal red seaweed <i>Chondrus crispus</i> . <i>Molecular Ecology</i> , <b>2013</b> , 22, 3242-60	5.7	54
99	SINGLE LOCUS MICROSATELLITES IN GRACILARIALES (RHODOPHYTA): HIGH LEVEL OF GENETIC VARIABILITY WITHIN GRACILARIA GRACILIS AND CONSERVATION IN RELATED SPECIES <sup>1</sup> . <i>Journal of Phycology</i> , <b>1997</b> , 33, 868-880	3	54
98	Performance of nonmotile male gametes in the sea: analysis of paternity and fertilization success in a natural population of a red seaweed, <i>Gracilaria gracilis</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>1999</b> , 266, 1879-1886	4.4	52
97	Differences in response between haploid and diploid isomorphic phases of <i>Gracilaria verrucosa</i> (Rhodophyta: Gigartinales) exposed to artificial environmental conditions. <i>Hydrobiologia</i> , <b>1993</b> , 260-261, 131-137	2.4	51
96	Twenty years of observed and predicted changes in subtidal red seaweed assemblages along a biogeographical transition zone: inferring potential causes from environmental data. <i>Journal of Biogeography</i> , <b>2014</b> , 41, 2293-2306	4.1	50
95	HIERARCHICAL SPATIAL STRUCTURE AND DISCRIMINANT ANALYSIS OF GENETIC DIVERSITY IN THE RED ALGA MAZZAELLA LAMINARIOIDES (GIGARTINALES, RHODOPHYTA). <i>Journal of Phycology</i> , <b>2001</b> , 37, 705-716	3	49
94	Population dynamics and stage structure in a haploid-diploid red seaweed, <i>Gracilaria gracilis</i> . <i>Journal of Ecology</i> , <b>2001</b> , 89, 436-450	6	49
93	Drifting fronds and drifting alleles: range dynamics, local dispersal and habitat isolation shape the population structure of the estuarine seaweed <i>Fucus ceranoides</i> . <i>Journal of Biogeography</i> , <b>2012</b> , 39, 1167-1178	4.1	44
92	THE LESSONIA NIGRESCENS SPECIES COMPLEX (LAMINARIALES, PHAEOPHYCEAE) SHOWS STRICT PARAPATRY AND COMPLETE REPRODUCTIVE ISOLATION IN A SECONDARY CONTACT ZONE(1). <i>Journal of Phycology</i> , <b>2011</b> , 47, 894-903	3	44
91	MOLECULAR IDENTIFICATION OF TWO SIBLING SPECIES UNDER THE NAME GRACILARIA CHILENSIS (RHODOPHYTA, GRACILARIALES) <sup>1,3</sup> . <i>Journal of Phycology</i> , <b>2004</b> , 40, 742-747	3	44
90	The spatial structure of sexual and cytonuclear polymorphism in the gynodioecious <i>Beta vulgaris</i> ssp. <i>maritima</i> : I/ at a local scale. <i>Genetics</i> , <b>2001</b> , 157, 1699-710	4	44
89	Contrasting genetic diversity patterns in two sister kelp species co-distributed along the coast of Brittany, France. <i>Molecular Ecology</i> , <b>2014</b> , 23, 2669-85	5.7	42
88	GENETIC POPULATION STRUCTURE AND MATING SYSTEM IN CHONDRUS CRISPUS (RHODOPHYTA). <i>Journal of Phycology</i> , <b>2011</b> , 47, 440-450	3	42
87	Spatiotemporal changes in the genetic diversity of harmful algal blooms caused by the toxic dinoflagellate <i>Alexandrium minutum</i> . <i>Molecular Ecology</i> , <b>2014</b> , 23, 549-60	5.7	41
86	Analysis of rDNA ITS1 indels in <i>Caulerpa taxifolia</i> (Chlorophyta) supports a derived, incipient species status for the invasive strain. <i>European Journal of Phycology</i> , <b>2004</b> , 39, 83-92	2.2	41

85	Perspectives on domestication research for sustainable seaweed aquaculture. <i>Perspectives in Phycology</i> , <b>2017</b> , 4, 33-46	3.1	41
84	Fine-scale genetic breaks driven by historical range dynamics and ongoing density-barrier effects in the estuarine seaweed <i>Fucus ceranoides</i> L. <i>BMC Evolutionary Biology</i> , <b>2012</b> , 12, 78	3	40
83	Genetic variation between and within populations of a perennial grass: <i>Arrhenatherum elatius</i> . <i>Heredity</i> , <b>1990</b> , 65, 179-188	3.6	39
82	Combining niche shift and population genetic analyses predicts rapid phenotypic evolution during invasion. <i>Evolutionary Applications</i> , <b>2018</b> , 11, 781-793	4.8	38
81	Temperature effects on gametophyte life-history traits and geographic distribution of two cryptic kelp species. <i>PLoS ONE</i> , <b>2012</b> , 7, e39289	3.7	37
80	Evolution and maintenance of haploid-diploid life cycles in natural populations: The case of the marine brown alga <i>Ectocarpus</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>2015</b> , 69, 1808-22	3.8	36
79	Polymerase chain reaction-single strand conformation polymorphism analyses of nuclear and chloroplast DNA provide evidence for recombination, multiple introductions and nascent speciation in the <i>Caulerpa taxifolia</i> complex. <i>Molecular Ecology</i> , <b>2002</b> , 11, 2317-25	5.7	36
78	GENETIC ISOLATION BETWEEN THREE CLOSELY RELATED TAXA: <i>FUCUS VESICULOSUS</i> , <i>F. SPIRALIS</i> , AND <i>F. CERANOIDES</i> (PHAOPHYCEAE) <sup>1</sup> . <i>Journal of Phycology</i> , <b>2005</b> , 41, 900-905	3	36
77	<i>Fucus vesiculosus</i> and <i>spiralis</i> species complex: a nested model of local adaptation at the shore level. <i>Marine Ecology - Progress Series</i> , <b>2010</b> , 405, 163-174	2.6	36
76	Barcoding of Cryptic Stages of Marine Brown Algae Isolated from Incubated Substratum Reveals High Diversity in Acinetosporaceae (Ectocarpales, Phaeophyceae) <sup>1</sup> . <i>Cryptogamie, Algologie</i> , <b>2015</b> , 36, 3	0.7	35
75	Species delimitation and phylogeographic analyses in the <i>Ectocarpus</i> subgroup <i>siliculosi</i> (Ectocarpales, Phaeophyceae). <i>Journal of Phycology</i> , <b>2017</b> , 53, 17-31	3	35
74	Molecular characterisation and development of rapid molecular methods to identify species of <i>Gracilariaceae</i> from the Atlantic coast of Morocco. <i>Aquatic Botany</i> , <b>2008</b> , 89, 324-330	1.8	35
73	REDUCED GENETIC DIVERSITY AND INCREASED POPULATION DIFFERENTIATION IN PERIPHERAL AND OVERHARVESTED POPULATIONS OF <i>GIGARTINA SKOTTSBERGII</i> (RHODOPHYTA, GIGARTINALES) IN SOUTHERN CHILE <sup>1</sup> . <i>Journal of Phycology</i> , <b>2004</b> , 40, 454-462	3	35
72	Isolation and characterization of microsatellite markers in the nuclear genome of the brown alga <i>Laminaria digitata</i> (Phaeophyceae). <i>Molecular Ecology</i> , <b>1998</b> , 7, 1778-80	5.7	35
71	MEDITERRANEAN <i>CAULERPA TAXIFOLIA</i> AND <i>C. MEXICANA</i> (CHLOROPHYTA) ARE NOT CONSPECIFIC. <i>Journal of Phycology</i> , <b>1998</b> , 34, 850-856	3	33
70	SEX RATIO VARIATION IN THE <i>LESSONIA NIGRESCENS</i> COMPLEX (LAMINARIALES, PHAEOPHYCEAE): EFFECT OF LATITUDE, TEMPERATURE, AND MARGINALITY <sup>(1)</sup> . <i>Journal of Phycology</i> , <b>2011</b> , 47, 5-12	3	31
69	Tracing the trans-pacific evolutionary history of a domesticated Seaweed ( <i>Gracilaria chilensis</i> ) with archaeological and genetic data. <i>PLoS ONE</i> , <b>2014</b> , 9, e114039	3.7	31
68	Phylogeny and Evolution of the Brown Algae. <i>Critical Reviews in Plant Sciences</i> , <b>2020</b> , 39, 281-321	5.6	31

67	Delineation of Two Sibling Red Algal Species, <i>Gracilaria Gracilis</i> and <i>Gracilaria Dura</i> (Gracilariales, Rhodophyta), Using Multiple DNA Markers: Resurrection of the Species <i>G. Dura</i> Previously Described in the Northern Atlantic 200 Years Ago1. <i>Journal of Phycology</i> , <b>2010</b> , 46, 720-727	3	30
66	Analysis of sexual phenotype and prezygotic fertility in natural populations of <i>Fucus spiralis</i> , <i>F. vesiculosus</i> (Fucaceae, Phaeophyceae) and their putative hybrids. <i>European Journal of Phycology</i> , <b>2005</b> , 40, 397-407	2.2	30
65	Alteration of sexual reproduction and genetic diversity in the kelp species <i>Laminaria digitata</i> at the southern limit of its range. <i>PLoS ONE</i> , <b>2014</b> , 9, e102518	3.7	30
64	O father where art thou? Paternity analyses in a natural population of the haploid-diploid seaweed <i>Chondrus crispus</i> . <i>Heredity</i> , <b>2015</b> , 114, 185-94	3.6	29
63	Identification of random amplified polymorphic DNA (RAPD) markers highly linked to sex determination in the red alga <i>Gracilaria gracilis</i> . <i>Molecular Ecology</i> , <b>1999</b> , 8, 1533-8	5.7	28
62	Past climate changes and strong oceanographic barriers structured low-latitude genetic relics for the golden kelp <i>Laminaria ochroleuca</i> . <i>Journal of Biogeography</i> , <b>2018</b> , 45, 2326-2336	4.1	26
61	THE EVOLVING GENETIC HISTORY OF A POPULATION OF <i>LATHYRUS SYLVESTRIS</i> : EVIDENCE FROM TEMPORAL AND SPATIAL GENETIC STRUCTURE. <i>Evolution; International Journal of Organic Evolution</i> , <b>1996</b> , 50, 1808-1821	3.8	26
60	Evolution of the alternation of haploid and diploid phases in life cycles. II. Maintenance of the haplo-diplontic cycle. <i>Journal of Evolutionary Biology</i> , <b>1993</b> , 6, 263-280	2.3	26
59	Entangled fates of holobiont genomes during invasion: nested bacterial and host diversities in <i>Caulerpa taxifolia</i> . <i>Molecular Ecology</i> , <b>2017</b> , 26, 2379-2391	5.7	25
58	High-density genetic map and identification of QTLs for responses to temperature and salinity stresses in the model brown alga <i>Ectocarpus</i> . <i>Scientific Reports</i> , <b>2017</b> , 7, 43241	4.9	25
57	Distribution of chloroplast DNA diversity within and among populations in gynodioecious <i>Beta vulgaris</i> ssp. <i>maritima</i> (Chenopodiaceae). <i>Molecular Ecology</i> , <b>1998</b> , 7, 1193-1204	5.7	25
56	Genetic structure of natural populations of <i>Gelidium</i> species: A re-evaluation of results. <i>Journal of Applied Phycology</i> , <b>1998</b> , 10, 279-284	3.2	23
55	Response of kelps from different latitudes to consecutive heat shock. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2015</b> , 463, 57-62	2.1	20
54	Climate Oscillations, Range Shifts and Phylogeographic Patterns of North Atlantic Fucaceae <b>2016</b> , 279-308		20
53	Development of microsatellites DNA markers in the cultivated seaweed, <i>Gracilaria chilensis</i> (Gracilariales, Rhodophyta). <i>Molecular Ecology Notes</i> , <b>2005</b> , 5, 155-157		20
52	Effect of Ovule Position in the Pod on Patterns of Seed Formation in Two Species of <i>Lathyrus</i> (Leguminosae: Papilionoideae). <i>American Journal of Botany</i> , <b>1988</b> , 75, 1714	2.7	20
51	Waterborne signaling primes the expression of elicitor-induced genes and buffers the oxidative responses in the brown alga <i>Laminaria digitata</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e21475	3.7	19
50	A model for the evolution of high frequencies of males in an androdioecious plant based on a cross-compatibility advantage of males. <i>Heredity</i> , <b>2000</b> , 85 Pt 5, 413-22	3.6	19

49	Spatio-temporal variation of male sterile frequencies in two natural populations of <i>Beta maritima</i> . <i>Heredity</i> , <b>1989</b> , 63, 395-400	3.6	19
48	EFFECT OF OVULE POSITION IN THE POD ON PATTERNS OF SEED FORMATION IN TWO SPECIES OF LATHYRUS (LEGUMINOSAE: PAPILIONOIDEAE). <i>American Journal of Botany</i> , <b>1988</b> , 75, 1714-1731	2.7	17
47	Hybridization between two cryptic filamentous brown seaweeds along the shore: analysing pre- and postzygotic barriers in populations of individuals with varying ploidy levels. <i>Molecular Ecology</i> , <b>2017</b> , 26, 3497-3512	5.7	16
46	Management and conservation of the kelp species <i>Laminaria digitata</i> : using genetic tools to explore the potential exporting role of the MPA Parc naturel marin d'Iroise. <i>Aquatic Living Resources</i> , <b>2013</b> , 26, 197-205	1.5	16
45	Phylogeography of Seaweeds in the South East Pacific: Complex Evolutionary Processes Along a Latitudinal Gradient <b>2016</b> , 251-277		14
44	DEFENSE EVOLUTION IN THE GRACILARIACEAE (RHODOPHYTA): SUBSTRATE-REGULATED OXIDATION OF AGAR OLIGOSACCHARIDES IS MORE ANCIENT THAN THE OLIGOAGAR-ACTIVATED OXIDATIVE BURST1. <i>Journal of Phycology</i> , <b>2010</b> , 46, 958-968	3	14
43	The Evolving Genetic History of a Population of <i>Lathyrus sylvestris</i> : Evidence From Temporal and Spatial Genetic Structure. <i>Evolution; International Journal of Organic Evolution</i> , <b>1996</b> , 50, 1808	3.8	14
42	Characterization of newly developed expressed sequence tag-derived microsatellite markers revealed low genetic diversity within and low connectivity between European <i>Saccharina latissima</i> populations. <i>Journal of Applied Phycology</i> , <b>2016</b> , 28, 3057-3070	3.2	14
41	How do microbiota associated with an invasive seaweed vary across scales?. <i>Molecular Ecology</i> , <b>2020</b> , 29, 2094-2108	5.7	13
40	Comparative phylogeography of six red algae along the Antarctic Peninsula: extreme genetic depletion linked to historical bottlenecks and recent expansion. <i>Polar Biology</i> , <b>2018</b> , 41, 827-837	2	12
39	Examining the bank of microscopic stages in kelps using culturing and barcoding. <i>European Journal of Phycology</i> , <b>2014</b> , 49, 128-133	2.2	12
38	ClonEstiMate, a Bayesian method for quantifying rates of clonality of populations genotyped at two-time steps. <i>Molecular Ecology Resources</i> , <b>2017</b> , 17, e251-e267	8.4	11
37	Genetic Diversity in the UV Sex Chromosomes of the Brown Alga. <i>Genes</i> , <b>2018</b> , 9,	4.2	10
36	MICROSATELLITE DEVELOPMENT IN RHODOPHYTA USING HIGH-THROUGHPUT SEQUENCE DATA(1). <i>Journal of Phycology</i> , <b>2011</b> , 47, 1258-65	3	10
35	Characterization of microsatellite markers in the red alga <i>Gracilaria gracilis</i> . <i>Molecular Ecology</i> , <b>1999</b> , 8, 700-2	5.7	10
34	Heat stress responses and population genetics of the kelp (Phaeophyceae) across latitudes reveal differentiation among North Atlantic populations. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 9144-9177	2.8	10
33	Development and characterization of microsatellite markers in two agarophyte species, <i>Gracilaria birdiae</i> and <i>Gracilaria caudata</i> (Gracilariaceae, Rhodophyta), using next-generation sequencing. <i>Journal of Applied Phycology</i> , <b>2016</b> , 28, 653-662	3.2	9
32	Dual influence of terrestrial and marine historical processes on the phylogeography of the Brazilian intertidal red alga <i>Gracilaria caudata</i> . <i>Journal of Phycology</i> , <b>2019</b> , 55, 1096-1114	3	9

31	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> , <b>2019</b> , 6,	4.5	9
30	How does molecular-assisted identification affect our estimation of $\pi$ and $\theta$ biodiversity? An example from understory red seaweeds (Rhodophyta) of Laminaria kelp forests in Brittany, France. <i>Genetica</i> , <b>2015</b> , 143, 207-23	1.5	8
29	Evidence for parasite-mediated selection during short-lasting toxic algal blooms. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	8
28	<i>Kallymenia crouaniorum</i> (Kallymeniaceae, Rhodophyta), a new red algal species from the Laminaria hyperborea understory community. <i>European Journal of Phycology</i> , <b>2014</b> , 49, 493-507	2.2	8
27	Development and multiplexing of the first microsatellite markers in a coralline red alga ( <i>Phymatolithon calcareum</i> , Rhodophyta). <i>Phycologia</i> , <b>2014</b> , 53, 474-479	2.7	7
26	Non-random mating in controlled multiple-donor crosses in <i>Gracilaria gracilis</i> (Gracilariaceae, Rhodophyta). <i>European Journal of Phycology</i> , <b>2002</b> , 37, 179-190	2.2	7
25	Variation of reproductive success in a haplo-diploid Red Alga, <i>Gracilaria Verrucosa</i> : effects of parental identities and crossing distance. <i>American Journal of Botany</i> , <b>1993</b> , 80, 1379	2.7	7
24	Variation of reproductive success in a haplo-diploid Red Alga, <i>Gracilaria Verrucosa</i> : effects of parental identities and crossing distance. <i>American Journal of Botany</i> , <b>1993</b> , 80, 1379-1391	2.7	7
23	Lack of fine-scale genetic structure and distant mating in natural populations of <i>Fucus vesiculosus</i> . <i>Marine Ecology - Progress Series</i> , <b>2016</b> , 544, 131-142	2.6	7
22	Population dynamics of temperate kelp forests near their low-latitude limit. <i>Aquatic Botany</i> , <b>2017</b> , 139, 8-18	1.8	6
21	Multi-scale drivers of community diversity and composition across tidal heights: an example on temperate seaweed communities. <i>Journal of Ecology</i> , <b>2017</b> , 105, 1791-1805	6	6
20	Contrasting timing of life stages across latitudes: a case study of a marine forest-forming species. <i>European Journal of Phycology</i> , <b>2015</b> , 50, 361-369	2.2	5
19	Genetic structure of amphi-Atlantic <i>Laminaria digitata</i> (Laminariales, Phaeophyceae) reveals a unique range-edge gene pool and suggests post-glacial colonization of the NW Atlantic. <i>European Journal of Phycology</i> , <b>2020</b> , 55, 517-528	2.2	5
18	Dinucleotide microsatellite markers in the genus <i>Caulerpa</i> . <i>Journal of Applied Phycology</i> , <b>2011</b> , 23, 715-719	3.2	5
17	Evolution of life cycles and reproductive traits: insights from the brown algae		5
16	Congruence between fine-scale genetic breaks and dispersal potential in an estuarine seaweed across multiple transition zones. <i>ICES Journal of Marine Science</i> , <b>2020</b> , 77, 371-378	2.7	5
15	Evolution of life cycles and reproductive traits: Insights from the brown algae. <i>Journal of Evolutionary Biology</i> , <b>2021</b> , 34, 992-1009	2.3	5
14	After a catastrophe, a little bit of sex is better than nothing: Genetic consequences of a major earthquake on asexual and sexual populations. <i>Evolutionary Applications</i> , <b>2020</b> , 13, 2086-2100	4.8	4

13	Reproductive strategies and population genetic structure of <i>Fucus</i> spp. across a northeast Atlantic biogeographic transition. <i>Aquatic Living Resources</i> , <b>2017</b> , 30, 16	1.5	4
12	PERMANENT GENETIC RESOURCES: Isolation of microsatellite loci from the kelp, <i>Saccorhiza polyschides</i> (Heterokontophyta, incertae sedis). <i>Molecular Ecology Resources</i> , <b>2008</b> , 8, 406-8	8.4	4
11	Seascape Genomics of the Sugar Kelp along the North Eastern Atlantic Latitudinal Gradient. <i>Genes</i> , <b>2020</b> , 11,	4.2	4
10	Genomic signatures of clonality in the deep water kelp <i>Laminaria rodriguezii</i> . <i>Molecular Ecology</i> , <b>2021</b> , 30, 1806-1822	5.7	4
9	Genetic diversity of a marine foundation species, <i>Laminaria hyperborea</i> (Gunnerus) Foslie, along the coast of Ireland. <i>European Journal of Phycology</i> , <b>2020</b> , 55, 310-326	2.2	3
8	Microsatellite markers and cytoplasmic sequences reveal contrasting pattern of spatial genetic structure in the red algae species complex <i>Mazzaella laminarioides</i> . <i>Journal of Phycology</i> , <b>2016</b> , 52, 806-816	3.1	3
7	Exploring the Genetic Consequences of Clonality in Haplodiplontic Taxa. <i>Journal of Heredity</i> , <b>2021</b> , 112, 92-107	2.4	3
6	Differences in response between haploid and diploid isomorphic phases of <i>Gracilaria verrucosa</i> (Rhodophyta: Gigartinales) exposed to artificial environmental conditions <b>1993</b> , 131-137		2
5	Parallelisable non-invasive biomass, fitness and growth measurement of macroalgae and other protists with nephelometry. <i>Algal Research</i> , <b>2020</b> , 46, 101762	5	1
4	Discriminant alleles and discriminant analysis: efficient characters to separate closely related species: the example of <i>Lathyrus latifolius</i> L. and <i>Lathyrus sylvestris</i> L. (Leguminosae). <i>Botanical Journal of the Linnean Society</i> , <b>1991</b> , 107, 139-161	2.2	1
3	Better off alone? Compared performance of monoclonal and polyclonal stands of a cultivated red alga growth. <i>Evolutionary Applications</i> , <b>2020</b> , 13, 905-917	4.8	1
2	Cole, K. M. and R. G. Sheath (eds.) 1990. Biology of the red algae. Cambridge University Press (Cambridge, New York, Port Chester, Melbourne, Sydney), USA, 517 pp. £65.. <i>Journal of Evolutionary Biology</i> , <b>1992</b> , 5, 533-536	2.3	0
1	Development of tools to rapidly identify cryptic species and characterize their genetic diversity in different European kelp species. <i>Journal of Applied Phycology</i> , <b>2021</b> , 33, 4169	3.2	