

Marie-Laure Guillemin

List of Publications by Citations

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43
papers

677
citations

14
h-index

25
g-index

46
ext. papers

853
ext. citations

3.6
avg, IF

3.95
L-index

#	Paper	IF	Citations
43	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> , 2008 , 62, 1500-19	3.8	103
42	Balancing selection in the wild: testing population genetics theory of self-incompatibility in the rare species <i>Brassica insularis</i> . <i>Genetics</i> , 2005 , 171, 279-89	4	69
41	Species replacement along a linear coastal habitat: phylogeography and speciation in the red alga <i>Mazzaella laminarioides</i> along the south east Pacific. <i>BMC Evolutionary Biology</i> , 2012 , 12, 97	3	50
40	The bladed Bangiales (Rhodophyta) of the South Eastern Pacific: Molecular species delimitation reveals extensive diversity. <i>Molecular Phylogenetics and Evolution</i> , 2016 , 94, 814-826	4.1	47
39	Perspectives on domestication research for sustainable seaweed aquaculture. <i>Perspectives in Phycology</i> , 2017 , 4, 33-46	3.1	41
38	Species delimitation and phylogeographic analyses in the <i>Ectocarpus</i> subgroup <i>siliculosi</i> (Ectocarpales, Phaeophyceae). <i>Journal of Phycology</i> , 2017 , 53, 17-31	3	35
37	Differential ecological responses to environmental stress in the life history phases of the isomorphic red alga <i>Gracilaria chilensis</i> (Rhodophyta). <i>Journal of Applied Phycology</i> , 2013 , 25, 215-224	3.2	32
36	Tracing the trans-pacific evolutionary history of a domesticated Seaweed (<i>Gracilaria chilensis</i>) with archaeological and genetic data. <i>PLoS ONE</i> , 2014 , 9, e114039	3.7	31
35	<i>Pyropia orbicularis</i> sp. nov. (Rhodophyta, Bangiaceae) based on a population previously known as <i>Porphyra columbina</i> from the central coast of Chile. <i>Phytotaxa</i> , 2014 , 158, 133	0.7	29
34	CHARACTERIZATION OF GENETIC MARKERS LINKED TO SEX DETERMINATION IN THE HAPLOID-DIPLOID RED ALGA <i>GRACILARIA CHILENSIS</i> (1). <i>Journal of Phycology</i> , 2012 , 48, 365-72	3	23
33	Deep genetic divergence between austral populations of the red alga <i>Gigartina skottsbergii</i> reveals a cryptic species endemic to the Antarctic continent. <i>Polar Biology</i> , 2015 , 38, 2021-2034	2	19
32	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> , 2017 , 26, 3497-3512	5.7	16
31	Phylogeography of Seaweeds in the South East Pacific: Complex Evolutionary Processes Along a Latitudinal Gradient 2016 , 251-277		14
30	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> , 2010 , 46, 958-968	3	14
29	Comparative phylogeography of six red algae along the Antarctic Peninsula: extreme genetic depletion linked to historical bottlenecks and recent expansion. <i>Polar Biology</i> , 2018 , 41, 827-837	2	12
28	ClonEstiMate, a Bayesian method for quantifying rates of clonality of populations genotyped at two-time steps. <i>Molecular Ecology Resources</i> , 2017 , 17, e251-e267	8.4	11
27	Molecular divergence between <i>Iridaea cordata</i> (Turner) Bory de Saint-Vincent from the Antarctic Peninsula and the Magellan Region. <i>Journal of Applied Phycology</i> , 2019 , 31, 939-949	3.2	10

26	Differentiation of haploid and diploid fertilities in <i>Gracilaria chilensis</i> affect ploidy ratio. <i>BMC Evolutionary Biology</i> , 2018 , 18, 183	3	10
25	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> , 2019 , 55, 1096-1114	3	9
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,	4.5	9
23	Haploid females in the isomorphic biphasic life-cycle of <i>Gracilaria chilensis</i> excel in survival. <i>BMC Evolutionary Biology</i> , 2018 , 18, 174	3	9
22	Genetic diversity of <i>Ceiba pentandra</i> in Colombian seasonally dry tropical forest: Implications for conservation and management. <i>Biological Conservation</i> , 2018 , 227, 29-37	6.2	8
21	Molecular-Assisted Revision of Red Macroalgal Diversity and Distribution along the Western Antarctic Peninsula and South Shetland Islands. <i>Cryptogamie, Algologie</i> , 2018 , 39, 409	0.7	7
20	<i>Agarophyton transtasmanicum</i> sp. nov. from Australia and New Zealand. <i>Phycologia</i> , 2020 , 59, 238-245	2.7	6
19	Stranded alone: The first reported Peruvian population of <i>Agarophyton chilensis</i> is a single-male clone. <i>Algal Research</i> , 2019 , 41, 101527	5	5
18	Comparative phylogeography of two <i>Agarophyton</i> species in the New Zealand archipelago. <i>Journal of Phycology</i> , 2020 , 56, 1575-1590	3	5
17	Coastal upwelling areas as safe havens during climate warming. <i>Journal of Biogeography</i> , 2016 , 43, 2513-2514	4.5	5
16	Post-Disturbance Genetic Changes: The Impact of the 2010 Mega-Earthquake and Tsunami on Chilean Sandy Beach Fauna. <i>Scientific Reports</i> , 2019 , 9, 14239	4.9	5
15	Genetic and morphological differentiation of <i>Porphyra</i> and <i>Pyropia</i> species (Bangiales, Rhodophyta) coexisting in a rocky intertidal in Central Chile. <i>Journal of Phycology</i> , 2019 , 55, 297-313	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> , 2020 , 13, 2086-2100	4.8	4
13	Microsatellite markers in the common grey four-eyed opossum (<i>Philander opossum</i> : Didelphidae, Marsupialia). <i>Molecular Ecology</i> , 2000 , 9, 1440-2	5.7	4
12	Diversidad y estructura genética de cuatro especies arbóreas clave del Bosque Seco Tropical en Colombia. <i>Caldasia</i> , 2019 , 41, 78-91	0.4	4
11	Evaluating the effects of ocean warming and freshening on the physiological energetics and transcriptomic response of the Antarctic limpet <i>Nacella concinna</i> . <i>Science of the Total Environment</i> , 2020 , 748, 142448	10.2	4
10	Effect of temperature variation in <i>Agarophyton chilensis</i> : contrasting the response of natural and farmed populations. <i>Journal of Applied Phycology</i> , 2019 , 31, 2709-2717	3.2	3
9	Guidelines for the restoration of the tropical timber tree <i>Anacardium excelsum</i> : first input from genetic data. <i>Tree Genetics and Genomes</i> , 2018 , 14, 1	2.1	3

8	Linear-In-The-Parameters Oblique Least Squares (LOLS) Provides More Accurate Estimates of Density-Dependent Survival. <i>PLoS ONE</i> , 2016 , 11, e0167418	3.7	3
7	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> , 2016 , 52, 806-816	3.16	3
6	Exploring the Genetic Consequences of Clonality in Haplodiplontic Taxa. <i>Journal of Heredity</i> , 2021 , 112, 92-107	2.4	3
5	Comparative Phylogeography of Antarctic Seaweeds: Genetic Consequences of Historical Climatic Variations 2020 , 103-127		2
4	Building-Up Knowledge on Green Marine Macroalgae Diversity in the Western Antarctic Peninsula: Data from Two Molecular Markers Reveals Numerous Species with Amphipolar Distribution. <i>Cryptogamie, Algologie</i> , 2021 , 42,	0.7	2
3	Whole genome genotyping reveals discrete genetic diversity in north-east Atlantic maerl beds. <i>Evolutionary Applications</i> , 2021 , 14, 1558-1571	4.8	1
2	Differential Frond Growth in the Isomorphic Haploid-diploid Red Seaweed <i>Agarophyton chilense</i> by Long-term In Situ Monitoring. <i>Journal of Phycology</i> , 2021 , 57, 592-605	3	1
1	The Diversity of Eucheumatoid Seaweed Cultivars in the Philippines. <i>Reviews in Fisheries Science and Aquaculture</i> , 1-19	8.3	1