

Claire MÃ©rot

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,468
citations

567281

15
h-index

642732

23
g-index

34
all docs

34
docs citations

34
times ranked

1892
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Introgression across Species Boundaries in <i>Heliconius</i> Butterflies. <i>PLoS Genetics</i> , 2012, 8, e1002752.	3.5	319
2	A Roadmap for Understanding the Evolutionary Significance of Structural Genomic Variation. <i>Trends in Ecology and Evolution</i> , 2020, 35, 561-572.	8.7	190
3	Going beyond SNPs: The role of structural genomic variants in adaptive evolution and species diversification. <i>Molecular Ecology</i> , 2019, 28, 1203-1209.	3.9	178
4	Beyond magic traits: Multimodal mating cues in <i>Heliconius</i> butterflies. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2891-2904.	2.3	76
5	Balancing selection via life-history trade-offs maintains an inversion polymorphism in a seaweed fly. <i>Nature Communications</i> , 2020, 11, 670.	12.8	69
6	Copy number variants outperform SNPs to reveal genotype-temperature association in a marine species. <i>Molecular Ecology</i> , 2020, 29, 4765-4782.	3.9	67
7	Selective sweeps on novel and introgressed variation shape mimicry loci in a butterfly adaptive radiation. <i>PLoS Biology</i> , 2020, 18, e3000597.	5.6	60
8	Comparing environmental metabarcoding and trawling survey of demersal fish communities in the Gulf of St. Lawrence, Canada. <i>Environmental DNA</i> , 2021, 3, 22-42.	5.8	58
9	Chromosomal fusion and life history-associated genomic variation contribute to within-river local adaptation of Atlantic salmon. <i>Molecular Ecology</i> , 2019, 28, 1439-1459.	3.9	56
10	What shapes the continuum of reproductive isolation? Lessons from <i>Heliconius</i> butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170335.	2.6	54
11	Shared ancestral polymorphisms and chromosomal rearrangements as potential drivers of local adaptation in a marine fish. <i>Molecular Ecology</i> , 2020, 29, 2379-2398.	3.9	48
12	Locally Adaptive Inversions Modulate Genetic Variation at Different Geographic Scales in a Seaweed Fly. <i>Molecular Biology and Evolution</i> , 2021, 38, 3953-3971.	8.9	48
13	Genetic differentiation without mimicry shift in a pair of hybridizing <i>Heliconius</i> species (Lepidoptera: Nymphalidae). <i>Biological Journal of the Linnean Society</i> , 2013, 109, 830-847.	1.6	37
14	Intercontinental karyotype-environment parallelism supports a role for a chromosomal inversion in local adaptation in a seaweed fly. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180519.	2.6	37
15	WING SHAPE VARIATION ASSOCIATED WITH MIMICRY IN BUTTERFLIES. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 2323-2334.	2.3	26
16	Thermal adaptation rather than demographic history drives genetic structure inferred by copy number variants in a marine fish. <i>Molecular Ecology</i> , 2021, 30, 1624-1641.	3.9	19
17	Genome assembly, structural variants, and genetic differentiation between lake whitefish young species pairs (<i>Coregonus</i> sp.) with long and short reads. <i>Molecular Ecology</i> , 2023, 32, 1458-1477.	3.9	18
18	Making the most of population genomic data to understand the importance of chromosomal inversions for adaptation and speciation. <i>Molecular Ecology</i> , 2020, 29, 2513-2516.	3.9	17

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19	Refining mimicry: phenotypic variation tracks the local optimum. <i>Journal of Animal Ecology</i> , 2016, 85, 1056-1069.	2.8	15
20	Cryptic speciation associated with geographic and ecological divergence in two Amazonian <i>Heliconius</i> butterflies. <i>Zoological Journal of the Linnean Society</i> , 2019, 186, 233-249.	2.3	15
21	Chromosome-level assembly reveals a putative Y-autosomal fusion in the sex determination system of the Greenland Halibut (<i>Reinhardtius hippoglossoides</i>). <i>G3: Genes, Genomes, Genetics</i> , 2021, , .	1.8	13
22	Hybridization and transgressive exploration of colour pattern and wing morphology in <i>Heliconius</i> butterflies. <i>Journal of Evolutionary Biology</i> , 2020, 33, 942-956.	1.7	12
23	A large chromosomal inversion shapes gene expression in seaweed flies (<i>Coelopa frigida</i>). <i>Evolution Letters</i> , 2021, 5, 607-624.	3.3	11
24	Evolution: How important is the dimensionality of natural selection in local adaptation?. <i>Current Biology</i> , 2022, 32, R274-R276.	3.9	2
25	A setback into a success: what can batch effects tell us about best practices in genomics?. <i>Molecular Ecology Resources</i> , 2022, , .	4.8	0