

# Pierre de Villemereuil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6602574/publications.pdf>

Version: 2024-02-01

37  
papers

2,123  
citations

471509

17  
h-index

361022

35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3751  
citing authors

#	ARTICLE	IF	CITATIONS
1	Common garden experiments to study local adaptation need to account for population structure. <i>Journal of Ecology</i> , 2022, 110, 1005-1009.	4.0	12
2	Phenotypic plasticity drives phenological changes in a Mediterranean blue tit population. <i>Journal of Evolutionary Biology</i> , 2022, 35, 347-359.	1.7	9
3	Disturbance and indirect effects of climate warming support a plant invader in mountains. <i>Oikos</i> , 2022, 2022, .	2.7	3
4	Do leaf nitrogen resorption dynamics align with the slow-fast continuum? A test at the intraspecific level. <i>Functional Ecology</i> , 2022, 36, 1315-1328.	3.6	6
5	Finding the adaptive needles in a population-structured haystack: A case study in a New Zealand mollusc. <i>Journal of Animal Ecology</i> , 2022, 91, 1209-1221.	2.8	3
6	Genetic variance in fitness indicates rapid contemporary adaptive evolution in wild animals. <i>Science</i> , 2022, 376, 1012-1016.	12.6	69
7	Heritability of a resting heart rate in a 20-year follow-up family cohort with GWAS data: Insights from the STANISLAS cohort. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1334-1341.	1.8	12
8	Predicting population genetic change in an autocorrelated random environment: Insights from a large automated experiment. <i>PLoS Genetics</i> , 2021, 17, e1009611.	3.5	8
9	Genetic Variations and Differential DNA Methylation to Face Contrasted Climates in Small Ruminants: An Analysis on Traditionally-Managed Sheep and Goats. <i>Frontiers in Genetics</i> , 2021, 12, 745284.	2.3	4
10	Climate dependent heating efficiency in the common lizard. <i>Ecology and Evolution</i> , 2020, 10, 8007-8017.	1.9	9
11	Consequences of space sharing on individual phenotypes in the New Zealand hihi. <i>Evolutionary Ecology</i> , 2020, 34, 821-839.	1.2	5
12	Polygenic basis for adaptive morphological variation in a threatened Aotearoa   New Zealand bird, the hihi ( <i>Notiomystis cincta</i> ). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200948.	2.6	23
13	Hitchhiking consequences for genetic and morphological patterns: the influence of kelp-rafting on a brooding chiton. <i>Biological Journal of the Linnean Society</i> , 2020, 130, 756-770.	1.6	6
14	Accounting for stochasticity in demographic compensation along the elevational range of an alpine plant. <i>Ecology Letters</i> , 2020, 23, 870-880.	6.4	5
15	Fluctuating optimum and temporally variable selection on breeding date in birds and mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31969-31978.	7.1	69
16	On the relevance of Bayesian statistics and MCMC for animal models. <i>Journal of Animal Breeding and Genetics</i> , 2019, 136, 339-340.	2.0	13
17	Can threatened species adapt in a restored habitat? No expected evolutionary response in lay date for the New Zealand hihi. <i>Evolutionary Applications</i> , 2019, 12, 482-497.	3.1	17
18	Directional selection on body size but no apparent survival cost to being large in wild New Zealand giraffe weevils. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 762-776.	2.3	10

#	ARTICLE	IF	CITATIONS
19	Little Adaptive Potential in a Threatened Passerine Bird. <i>Current Biology</i> , 2019, 29, 889-894.e3.	3.9	53
20	A General Method for Simultaneously Accounting for Phylogenetic and Species Sampling Uncertainty via Rubin's Rules in Comparative Analysis. <i>Systematic Biology</i> , 2019, 68, 632-641.	5.6	33
21	Convergent genomic signatures of domestication in sheep and goats. <i>Nature Communications</i> , 2018, 9, 813.	12.8	220
22	Patterns of phenotypic plasticity and local adaptation in the wide elevation range of the alpine plant <i>Arabis alpina</i> . <i>Journal of Ecology</i> , 2018, 106, 1952-1971.	4.0	65
23	Quantitative genetic methods depending on the nature of the phenotypic trait. <i>Annals of the New York Academy of Sciences</i> , 2018, 1422, 29-47.	3.8	56
24	Fixed-effect variance and the estimation of repeatabilities and heritabilities: issues and solutions. <i>Journal of Evolutionary Biology</i> , 2018, 31, 621-632.	1.7	73
25	Perturbations on the uniform distribution of p-values can lead to misleading inferences from null-hypothesis testing. <i>Trends in Neuroscience and Education</i> , 2017, 8-9, 18-27.	3.1	2
26	General Methods for Evolutionary Quantitative Genetic Inference from Generalized Mixed Models. <i>Genetics</i> , 2016, 204, 1281-1294.	2.9	156
27	Kin recognition or phenotype matching?. <i>New Phytologist</i> , 2016, 209, 13-14.	7.3	16
28	Common garden experiments in the genomic era: new perspectives and opportunities. <i>Heredity</i> , 2016, 116, 249-254.	2.6	252
29	A new $F_{ST}$ -based method to uncover local adaptation using environmental variables. <i>Methods in Ecology and Evolution</i> , 2015, 6, 1248-1258.	5.2	164
30	Detecting adaptive evolution based on association with ecological gradients: Orientation matters!. <i>Heredity</i> , 2015, 115, 22-28.	2.6	76
31	Dispersal evolution and resource matching in a spatially and temporally variable environment. <i>Journal of Theoretical Biology</i> , 2015, 370, 184-196.	1.7	2
32	Genome scan methods against more complex models: when and how much should we trust them?. <i>Molecular Ecology</i> , 2014, 23, 2006-2019.	3.9	265
33	General Quantitative Genetic Methods for Comparative Biology. , 2014, , 287-303.		109
34	Bayesian approaches to the quantitative genetic analysis of natural populations. , 2014, , 228-253.		25
35	Comparing parent-offspring regression with frequentist and Bayesian animal models to estimate heritability in wild populations: a simulation study for Gaussian and binary traits. <i>Methods in Ecology and Evolution</i> , 2013, 4, 260-275.	5.2	139
36	Bayesian models for comparative analysis integrating phylogenetic uncertainty. <i>BMC Evolutionary Biology</i> , 2012, 12, 102.	3.2	87

#	ARTICLE	IF	CITATIONS
37	Consumer functional responses under intra- and inter-specific interference competition. Ecological Modelling, 2011, 222, 419-426.	2.5	46