Benoit Pujol

List of Publications by Year
in descending order

60 papers	4,522 citations	257450 24 h-index	149698 56 g-index
65 all docs	65 docs citations	65 times ranked	6435 citing authors

#	ARTICLE	IF	CITATIONS
1	Natural selection fluctuates at an extremely fine spatial scale inside a wild population of snapdragon plants. Evolution; International Journal of Organic Evolution, 2022, 76, 658-666.	2.3	10
2	Quantifying heritability and estimating evolutionary potential in the wild when individuals that share genes also share environments. Journal of Animal Ecology, 2022, 91, 1239-1250.	2.8	5
3	Nonâ€reproducible signals of adaptation to elevation between open and understorey microhabitats in snapdragon plants. Journal of Evolutionary Biology, 2022, 35, 322-332.	1.7	2
4	Phenotypic Response to Light Versus Shade Associated with DNA Methylation Changes in Snapdragon Plants (Antirrhinum majus). Genes, 2021, 12, 227.	2.4	5
5	Thyroid hormones regulate the formation and environmental plasticity of white bars in clownfishes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	29
6	Response to Kalchhauser et al.: Inherited Gene Regulation Is not Enough to Understand Nongenetic Inheritance. Trends in Ecology and Evolution, 2021, 36, 475-476.	8.7	6
7	Genetic variation underlies the plastic response to shade of snapdragon plants (Antirrhinum majus L.). Botany Letters, 2021, 168, 256-269.	1.4	5
8	Strong habitat and weak genetic effects shape the lifetime reproductive success in a wild clownfish population. Ecology Letters, 2020, 23, 265-273.	6.4	11
9	Potential adaptive divergence between subspecies and populations of snapdragon plants inferred from <i>Q</i>_{ST}â€"<i>F</i>_{ST} comparisons. Molecular Ecology, 2020, 29, 3010-3021.	3.9	12
10	Intraspecific difference among herbivore lineages and their hostâ€plant specialization drive the strength of trophic cascades. Ecology Letters, 2020, 23, 1242-1251.	6.4	5
11	Pedigreeâ€free quantitative genetic approach provides evidence for heritability of movement tactics in wild roe deer. Journal of Evolutionary Biology, 2020, 33, 595-607.	1.7	14
12	Different phenotypic plastic responses to predators observed among aphid lineages specialized on different host plants. Scientific Reports, 2019, 9, 9017.	3.3	13
13	Epigenetic variation for agronomic improvement: an opportunity for vegetatively propagated crops. American Journal of Botany, 2019, 106, 1281-1284.	1.7	23
14	RADâ€sequencing for estimating genomic relatedness matrixâ€based heritability in the wild: A case study in roe deer. Molecular Ecology Resources, 2019, 19, 1205-1217.	4.8	18
15	Environmental variations mediate duckweed (Lemna minor L.) sensitivity to copper exposure through phenotypic plasticity. Environmental Science and Pollution Research, 2019, 26, 14106-14115.	5.3	7
16	Assessing Global DNA Methylation Changes Associated with Plasticity in Seven Highly Inbred Lines of Snapdragon Plants (Antirrhinum majus). Genes, 2019, 10, 256.	2.4	11
17	Epigenetically facilitated mutational assimilation: epigenetics as a hub within the inclusive evolutionary synthesis. Biological Reviews, 2019, 94, 259-282.	10.4	75
18	The Missing Response to Selection in the Wild. Trends in Ecology and Evolution, 2018, 33, 337-346.	8.7	102

#	ARTICLE	IF	CITATIONS
19	A guide to using a multiple-matrix animal model to disentangle genetic and nongenetic causes of phenotypic variance. PLoS ONE, 2018, 13, e0197720.	2.5	35
20	Evolution without standing genetic variation: change in transgenerational plastic response under persistent predation pressure. Heredity, 2018, 121, 266-281.	2.6	34
21	Unconscious selection drove seed enlargement in vegetable crops. Evolution Letters, 2017, 1, 64-72.	3.3	37
22	Mountain landscape connectivity and subspecies appurtenance shape genetic differentiation in natural plant populations of the snapdragon (<i>Antirrhinum majus</i> L.). Botany Letters, 2017, 164, 111-119.	1.4	14
23	World Scientistsâ€™ Warning to Humanity: A Second Notice. BioScience, 2017, 67, 1026-1028.	4.9	817
24	First genealogy for a wild marine fish population reveals multigenerational philopatry. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13245-13250.	7.1	37
25	The role of selection and historical factors in driving population differentiation along an elevational gradient in an island bird. Journal of Evolutionary Biology, 2016, 29, 824-836.	1.7	27
26	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al.. Trends in Ecology and Evolution, 2016, 31, 85-87.	8.7	10
27	Genes and quantitative genetic variation involved with senescence in cells, organs, and the whole plant. Frontiers in Genetics, 2015, 6, 57.	2.3	3
28	Archiving Primary Data: Solutions for Long-Term Studies. Trends in Ecology and Evolution, 2015, 30, 581-589.	8.7	98
29	A Quantitative Genetic Signature of Senescence in a Short-Lived Perennial Plant. Current Biology, 2014, 24, 744-747.	3.9	28
30	Extremely reduced dispersal and gene flow in an island bird. Heredity, 2014, 112, 190-196.	2.6	49
31	A practical guide to quantifying the effect of genes underlying adaptation in a mixed genomics and evolutionary ecology approach. Acta Botanica Gallica, 2013, 160, 197-204.	0.9	6
32	Is Non-genetic Inheritance Just a Proximate Mechanism? A Corroboration of the Extended Evolutionary Synthesis. Biological Theory, 2013, 7, 189-195.	1.5	63
33	Ecology predicts parapatric distributions in two closely related Antirrhinum majus subspecies. Evolutionary Ecology, 2013, 27, 51-64.	1.2	30
34	Genetic links among individuals: from genealogies to molecular markers. Acta Botanica Gallica, 2013, 160, 221-226.	0.9	3
35	The Double Pedigree: A Method for Studying Culturally and Genetically Inherited Behavior in Tandem. PLoS ONE, 2013, 8, e61254.	2.5	19
36	Ecological Approaches to Crop Domestication. , 2012, , 377-406.		44

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37	Development and characterization of 24 polymorphic microsatellite loci in two Antirrhinum majus subspecies (Plantaginaceae) using pyrosequencing technology. Conservation Genetics Resources, 2012, 4, 75-79.	0.8	5
38	Maintien du potentiel adaptatif chez les plantes domestiquÃ©es Ã propagation clonale. Revue D'ethnoÃ©cologie, 2012, , .	0.1	4
39	Locally asymmetric introgressions between subspecies suggest circular range expansion at the<i>Antirrhinum majus</i>global scale. Journal of Evolutionary Biology, 2011, 24, 1433-1441.	1.7	21
40	Beyond DNA: integrating inclusive inheritance into an extended theory of evolution. Nature Reviews Genetics, 2011, 12, 475-486.	16.3	613
41	Post-pollination barriers do not explain the persistence of two distinct Antirrhinum subspecies with parapatric distribution. Plant Systematics and Evolution, 2010, 286, 223-234.	0.9	28
42	The evolutionary ecology of clonally propagated domesticated plants. New Phytologist, 2010, 186, 318-332.	7.3	354
43	Symptoms of population range expansion: lessons from phenotypic and genetic differentiation in hexaploid<i>Mercurialis annua</i>. Plant Ecology and Diversity, 2010, 3, 103-108.	2.4	8
44	Reduced inbreeding depression after species range expansion. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15379-15383.	7.1	151
45	The paradoxical spread of a new Y chromosome â€" a novel explanation. Trends in Ecology and Evolution, 2009, 24, 59-63.	8.7	10
46	Photosynthesis and Leaf Structure in Domesticated Cassava (Euphorbiaceae) and a Close Wild Relative: Have Leaf Photosynthetic Parameters Evolved Under Domestication?. Biotropica, 2008, 40, 305-312.	1.6	36
47	Are <i>Q</i>_{ST}â€"<i>F</i>_{ST} comparisons for natural populations meaningful?. Molecular Ecology, 2008, 17, 4782-4785.	3.9	147
48	Reduced Responses to Selection After Species Range Expansion. Science, 2008, 321, 96-96.	12.6	140
49	Domestication and defence: Foliar tannins and C/N ratios in cassava and a close wild relative. Acta Oecologica, 2008, 34, 147-154.	1.1	21
50	Gender Variation and Transitions between Sexual Systems in<i>Mercurialis annua</i>(Euphorbiaceae). International Journal of Plant Sciences, 2008, 169, 129-139.	1.3	66
51	The unappreciated ecology of landrace populations: Conservation consequences of soil seed banks in Cassava. Biological Conservation, 2007, 136, 541-551.	4.1	37
52	Reliable selfing rate estimates from imperfect population genetic data. Molecular Ecology, 2007, 16, 2474-2487.	3.9	338
53	Size asymmetry in intraspecific competition and the density-dependence of inbreeding depression in a natural plant population: a case study in cassava (Manihot esculenta Crantz, Euphorbiaceae). Journal of Evolutionary Biology, 2006, 19, 85-96.	1.7	32
54	Evolution under domestication: contrasting functional morphology of seedlings in domesticated cassava and its closest wild relatives. New Phytologist, 2005, 166, 305-318.	7.3	60

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55	Microevolution in agricultural environments: how a traditional Amerindian farming practice favours heterozygosity in cassava (Manihot esculenta Crantz, Euphorbiaceae). Ecology Letters, 2004, 8, 138-147.	6.4	80
56	Germination Ecology of Cassava (Manihot Esculenta Crantz, Euphorbiaceae) in Traditional Agroecosystems: Seed and Seedling Biology of a Vegetatively Propagated Domesticated Plant1. Economic Botany, 2002, 56, 366-379.	1.7	51
57	World Scientistsâ€™ Warning of a Climate Emergency. BioScience, 0, , .	4.9	286
58	Another step towards grasping the complexity of the environmental response of traits. Peer Community in Evolutionary Biology, 0, , .	0.0	0
59	Wild snapdragon plant pedigree sheds light on limited connectivity enhanced by higher migrant reproductive success in a fragmented landscape. Open Research Europe, 0, 1, 145.	2.0	0
60	No evidence of direct contribution of adult plant stages to climate adaptation in snapdragon plants. Botany Letters, 0, , 1-12.	1.4	0