

Benoit Pujol

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

4,522
citations

257101

24
h-index

149479

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. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 658-666.	1.1	10
2	Quantifying heritability and estimating evolutionary potential in the wild when individuals that share genes also share environments. <i>Journal of Animal Ecology</i> , 2022, 91, 1239-1250.	1.3	5
3	Non-reproducible signals of adaptation to elevation between open and understorey microhabitats in snapdragon plants. <i>Journal of Evolutionary Biology</i> , 2022, 35, 322-332.	0.8	2
4	Phenotypic Response to Light Versus Shade Associated with DNA Methylation Changes in Snapdragon Plants (<i>Antirrhinum majus</i>). <i>Genes</i> , 2021, 12, 227.	1.0	5
5	Thyroid hormones regulate the formation and environmental plasticity of white bars in clownfishes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	29
6	Response to Kalchauer et al.: Inherited Gene Regulation Is not Enough to Understand Nongenetic Inheritance. <i>Trends in Ecology and Evolution</i> , 2021, 36, 475-476.	4.2	6
7	Genetic variation underlies the plastic response to shade of snapdragon plants (<i>Antirrhinum majus</i> L.). <i>Botany Letters</i> , 2021, 168, 256-269.	0.7	5
8	Strong habitat and weak genetic effects shape the lifetime reproductive success in a wild clownfish population. <i>Ecology Letters</i> , 2020, 23, 265-273.	3.0	11
9	Potential adaptive divergence between subspecies and populations of snapdragon plants inferred from <i>Q_{ST}-F_{ST}</i> comparisons. <i>Molecular Ecology</i> , 2020, 29, 3010-3021.	2.0	12
10	Intraspecific difference among herbivore lineages and their host-plant specialization drive the strength of trophic cascades. <i>Ecology Letters</i> , 2020, 23, 1242-1251.	3.0	5
11	Pedigree-free quantitative genetic approach provides evidence for heritability of movement tactics in wild roe deer. <i>Journal of Evolutionary Biology</i> , 2020, 33, 595-607.	0.8	14
12	Different phenotypic plastic responses to predators observed among aphid lineages specialized on different host plants. <i>Scientific Reports</i> , 2019, 9, 9017.	1.6	13
13	Epigenetic variation for agronomic improvement: an opportunity for vegetatively propagated crops. <i>American Journal of Botany</i> , 2019, 106, 1281-1284.	0.8	23
14	RAD-seq for estimating genomic relatedness matrix-based heritability in the wild: A case study in roe deer. <i>Molecular Ecology Resources</i> , 2019, 19, 1205-1217.	2.2	18
15	Environmental variations mediate duckweed (<i>Lemna minor</i> L.) sensitivity to copper exposure through phenotypic plasticity. <i>Environmental Science and Pollution Research</i> , 2019, 26, 14106-14115.	2.7	7
16	Assessing Global DNA Methylation Changes Associated with Plasticity in Seven Highly Inbred Lines of Snapdragon Plants (<i>Antirrhinum majus</i>). <i>Genes</i> , 2019, 10, 256.	1.0	11
17	Epigenetically facilitated mutational assimilation: epigenetics as a hub within the inclusive evolutionary synthesis. <i>Biological Reviews</i> , 2019, 94, 259-282.	4.7	75
18	The Missing Response to Selection in the Wild. <i>Trends in Ecology and Evolution</i> , 2018, 33, 337-346.	4.2	102

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19	A guide to using a multiple-matrix animal model to disentangle genetic and nongenetic causes of phenotypic variance. <i>PLoS ONE</i> , 2018, 13, e0197720.	1.1	35
20	Evolution without standing genetic variation: change in transgenerational plastic response under persistent predation pressure. <i>Heredity</i> , 2018, 121, 266-281.	1.2	34
21	Unconscious selection drove seed enlargement in vegetable crops. <i>Evolution Letters</i> , 2017, 1, 64-72.	1.6	37
22	Mountain landscape connectivity and subspecies appurtenance shape genetic differentiation in natural plant populations of the snapdragon (<i>Antirrhinum majus</i> L.). <i>Botany Letters</i> , 2017, 164, 111-119.	0.7	14
23	World Scientistsâ€™ Warning to Humanity: A Second Notice. <i>BioScience</i> , 2017, 67, 1026-1028.	2.2	817
24	First genealogy for a wild marine fish population reveals multigenerational philopatry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13245-13250.	3.3	37
25	The role of selection and historical factors in driving population differentiation along an elevational gradient in an island bird. <i>Journal of Evolutionary Biology</i> , 2016, 29, 824-836.	0.8	27
26	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al.. <i>Trends in Ecology and Evolution</i> , 2016, 31, 85-87.	4.2	10
27	Genes and quantitative genetic variation involved with senescence in cells, organs, and the whole plant. <i>Frontiers in Genetics</i> , 2015, 6, 57.	1.1	3
28	Archiving Primary Data: Solutions for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , 2015, 30, 581-589.	4.2	98
29	A Quantitative Genetic Signature of Senescence in a Short-Lived Perennial Plant. <i>Current Biology</i> , 2014, 24, 744-747.	1.8	28
30	Extremely reduced dispersal and gene flow in an island bird. <i>Heredity</i> , 2014, 112, 190-196.	1.2	49
31	A practical guide to quantifying the effect of genes underlying adaptation in a mixed genomics and evolutionary ecology approach. <i>Acta Botanica Gallica</i> , 2013, 160, 197-204.	0.9	6
32	Is Non-genetic Inheritance Just a Proximate Mechanism? A Corroboration of the Extended Evolutionary Synthesis. <i>Biological Theory</i> , 2013, 7, 189-195.	0.8	63
33	Ecology predicts parapatric distributions in two closely related <i>Antirrhinum majus</i> subspecies. <i>Evolutionary Ecology</i> , 2013, 27, 51-64.	0.5	30
34	Genetic links among individuals: from genealogies to molecular markers. <i>Acta Botanica Gallica</i> , 2013, 160, 221-226.	0.9	3
35	The Double Pedigree: A Method for Studying Culturally and Genetically Inherited Behavior in Tandem. <i>PLoS ONE</i> , 2013, 8, e61254.	1.1	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 <i>Antirrhinum majus</i> subspecies (Plantaginaceae) using pyrosequencing technology. <i>Conservation Genetics Resources</i> , 2012, 4, 75-79.	0.4	5
38	Maintien du potentiel adaptatif chez les plantes domestiquées Ã propagation clonale. <i>Revue D'ethnécologie</i> , 2012, , .	0.1	4
39	Locally asymmetric introgressions between subspecies suggest circular range expansion at the <i>Antirrhinum majus</i> global scale. <i>Journal of Evolutionary Biology</i> , 2011, 24, 1433-1441.	0.8	21
40	Beyond DNA: integrating inclusive inheritance into an extended theory of evolution. <i>Nature Reviews Genetics</i> , 2011, 12, 475-486.	7.7	613
41	Post-pollination barriers do not explain the persistence of two distinct <i>Antirrhinum</i> subspecies with parapatric distribution. <i>Plant Systematics and Evolution</i> , 2010, 286, 223-234.	0.3	28
42	The evolutionary ecology of clonally propagated domesticated plants. <i>New Phytologist</i> , 2010, 186, 318-332.	3.5	354
43	Symptoms of population range expansion: lessons from phenotypic and genetic differentiation in hexaploid <i>Mercurialis annua</i> . <i>Plant Ecology and Diversity</i> , 2010, 3, 103-108.	1.0	8
44	Reduced inbreeding depression after species range expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15379-15383.	3.3	151
45	The paradoxical spread of a new Y chromosome â€“ a novel explanation. <i>Trends in Ecology and Evolution</i> , 2009, 24, 59-63.	4.2	10
46	Photosynthesis and Leaf Structure in Domesticated Cassava (Euphorbiaceae) and a Close Wild Relative: Have Leaf Photosynthetic Parameters Evolved Under Domestication?. <i>Biotropica</i> , 2008, 40, 305-312.	0.8	36
47	Are <i>Q_{ST}</i> â€“ <i>F_{ST}</i> comparisons for natural populations meaningful?. <i>Molecular Ecology</i> , 2008, 17, 4782-4785.	2.0	147
48	Reduced Responses to Selection After Species Range Expansion. <i>Science</i> , 2008, 321, 96-96.	6.0	140
49	Domestication and defence: Foliar tannins and C/N ratios in cassava and a close wild relative. <i>Acta Oecologica</i> , 2008, 34, 147-154.	0.5	21
50	Gender Variation and Transitions between Sexual Systems in <i>Mercurialis annua</i> (Euphorbiaceae). <i>International Journal of Plant Sciences</i> , 2008, 169, 129-139.	0.6	66
51	The unappreciated ecology of landrace populations: Conservation consequences of soil seed banks in Cassava. <i>Biological Conservation</i> , 2007, 136, 541-551.	1.9	37
52	Reliable selfing rate estimates from imperfect population genetic data. <i>Molecular Ecology</i> , 2007, 16, 2474-2487.	2.0	338
53	Size asymmetry in intraspecific competition and the density-dependence of inbreeding depression in a natural plant population: a case study in cassava (<i>Manihot esculenta</i> Crantz, Euphorbiaceae). <i>Journal of Evolutionary Biology</i> , 2006, 19, 85-96.	0.8	32
54	Evolution under domestication: contrasting functional morphology of seedlings in domesticated cassava and its closest wild relatives. <i>New Phytologist</i> , 2005, 166, 305-318.	3.5	60

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55	Microevolution in agricultural environments: how a traditional Amerindian farming practice favours heterozygosity in cassava (<i>Manihot esculenta</i> Crantz, Euphorbiaceae). <i>Ecology Letters</i> , 2004, 8, 138-147.	3.0	80
56	Germination Ecology of Cassava (<i>Manihot Esculenta</i> Crantz, Euphorbiaceae) in Traditional Agroecosystems: Seed and Seedling Biology of a Vegetatively Propagated Domesticated Plant1. <i>Economic Botany</i> , 2002, 56, 366-379.	0.8	51
57	World Scientistsâ€™ Warning of a Climate Emergency. <i>BioScience</i> , 0, , .	2.2	286
58	Another step towards grasping the complexity of the environmental response of traits. <i>Peer Community in Evolutionary Biology</i> , 0, , .	0.0	0
59	Wild snapdragon plant pedigree sheds light on limited connectivity enhanced by higher migrant reproductive success in a fragmented landscape. <i>Open Research Europe</i> , 0, 1, 145.	2.0	0
60	No evidence of direct contribution of adult plant stages to climate adaptation in snapdragon plants. <i>Botany Letters</i> , 0, , 1-12.	0.7	0