

Patrícia Beldade

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,883
citations

236925

25
h-index

182427

51
g-index

60
all docs

60
docs citations

60
times ranked

2755
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution and molecular mechanisms of adaptive developmental plasticity. <i>Molecular Ecology</i> , 2011, 20, 1347-1363.	3.9	311
2	Developmental constraints versus flexibility in morphological evolution. <i>Nature</i> , 2002, 416, 844-847.	27.8	301
3	Development and evolution of insect pigmentation: Genetic mechanisms and the potential consequences of pleiotropy. <i>Seminars in Cell and Developmental Biology</i> , 2009, 20, 65-71.	5.0	285
4	The genetics and evo-devo of butterfly wing patterns. <i>Nature Reviews Genetics</i> , 2002, 3, 442-452.	16.3	281
5	Contribution of <i>Distal-less</i> to quantitative variation in butterfly eyespots. <i>Nature</i> , 2002, 415, 315-318.	27.8	134
6	Modularity, individuality, and evo-devo in butterfly wings. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 14262-14267.	7.1	113
7	Differences in the selection response of serially repeated color pattern characters: Standing variation, development, and evolution. <i>BMC Evolutionary Biology</i> , 2008, 8, 94.	3.2	110
8	A Gene-Based Linkage Map for <i>Bicyclus anynana</i> Butterflies Allows for a Comprehensive Analysis of Synteny with the Lepidopteran Reference Genome. <i>PLoS Genetics</i> , 2009, 5, e1000366.	3.5	97
9	Genomics of Developmental Plasticity in Animals. <i>Frontiers in Genetics</i> , 2019, 10, 720.	2.3	96
10	Adaptation to new nutritional environments: larval performance, foraging decisions, and adult oviposition choices in <i>Drosophila suzukii</i> . <i>BMC Ecology</i> , 2017, 17, 21.	3.0	86
11	A wing expressed sequence tag resource for <i>Bicyclus anynana</i> butterflies, an evo-devo model. <i>BMC Genomics</i> , 2006, 7, 130.	2.8	85
12	Involvement of the conserved Hox gene <i>Antennapedia</i> in the development and evolution of a novel trait. <i>EvoDevo</i> , 2011, 2, 9.	3.2	71
13	The African Butterfly <i>Bicyclus anynana</i> : A Model for Evolutionary Genetics and Evolutionary Developmental Biology. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.emo122.	0.3	65
14	Conserved developmental processes and the formation of evolutionary novelties: examples from butterfly wings. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 1549-1556.	4.0	64
15	Concerted evolution and developmental integration in modular butterfly wing patterns. <i>Evolution & Development</i> , 2003, 5, 169-179.	2.0	63
16	Butterfly genomics eclosing. <i>Heredity</i> , 2008, 100, 150-157.	2.6	60
17	Evolution of thorax architecture in ant castes highlights trade-off between flight and ground behaviors. <i>ELife</i> , 2014, 3, e01539.	6.0	54
18	Evolutionary history of the recruitment of conserved developmental genes in association to the formation and diversification of a novel trait. <i>BMC Evolutionary Biology</i> , 2012, 12, 21.	3.2	52

#	ARTICLE	IF	CITATIONS
19	Genetic basis of thermal plasticity variation in <i>Drosophila melanogaster</i> body size. <i>PLoS Genetics</i> , 2018, 14, e1007686.	3.5	52
20	Thermal Plasticity in Insects™ Response to Climate Change and to Multifactorial Environments. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	52
21	Generating phenotypic variation: prospects from "evo-devo" research on <i>Bicyclus anynana</i> wing patterns. <i>Evolution & Development</i> , 2005, 7, 101-107.	2.0	48
22	Adaptive developmental plasticity: Compartmentalized responses to environmental cues and to corresponding internal signals provide phenotypic flexibility. <i>BMC Biology</i> , 2014, 12, 97.	3.8	45
23	Ecdysteroid Hormones Link the Juvenile Environment to Alternative Adult Life Histories in a Seasonal Insect. <i>American Naturalist</i> , 2014, 184, E79-E92.	2.1	39
24	Developmental and evolutionary mechanisms shaping butterfly eyespots. <i>Current Opinion in Insect Science</i> , 2017, 19, 22-29.	4.4	38
25	Seasonal plasticity in anti-predatory strategies: Matching of color and color preference for effective crypsis. <i>Evolution Letters</i> , 2019, 3, 313-320.	3.3	33
26	Single locus affects embryonic segment polarity and multiple aspects of an adult evolutionary novelty. <i>BMC Biology</i> , 2010, 8, 111.	3.8	29
27	Developmental and genetic mechanisms for evolutionary diversification of serial repeats: eyespot size in <i>Bicyclus anynana</i> butterflies. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2008, 310B, 191-201.	1.3	25
28	Genetic basis of stage-specific melanism: a putative role for a cysteine sulfinic acid decarboxylase in insect pigmentation. <i>Heredity</i> , 2012, 108, 594-601.	2.6	21
29	Genetic, ecological, behavioral and geographic differentiation of populations in a thistle weevil: implications for speciation and biocontrol. <i>Evolutionary Applications</i> , 2008, 1, 112-128.	3.1	19
30	Culture and Propagation of Laboratory Populations of the African Butterfly <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5203-pdb.prot5203.	0.3	17
31	The difficulty of agreeing about constraints. <i>Evolution & Development</i> , 2003, 5, 119-120.	2.0	15
32	Genomic Sequence around Butterfly Wing Development Genes: Annotation and Comparative Analysis. <i>PLoS ONE</i> , 2011, 6, e23778.	2.5	15
33	Footprints of selection in wild populations of <i>Bicyclus anynana</i> along a latitudinal cline. <i>Molecular Ecology</i> , 2013, 22, 341-353.	3.9	13
34	Eco-evo-devo advances with butterfly eyespots. <i>Current Opinion in Genetics and Development</i> , 2021, 69, 6-13.	3.3	13
35	Estimation of Population Heterozygosity and Library Construction-Induced Mutation Rate From Expressed Sequence Tag Collections. <i>Genetics</i> , 2007, 176, 711-714.	2.9	12
36	In Situ Hybridization of Embryos and Larval and Pupal Wings from the African Butterfly <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5208.	0.3	9

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37	Fixation and Dissection of Embryos from the African Butterfly <i>Bicyclus anynana</i> . Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5206.	0.3	8
38	Dissection of Larval and Pupal Wings from the African Butterfly <i>Bicyclus anynana</i> . Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5207-pdb.prot5207.	0.3	8
39	Many ways to make darker flies: Intra- and interspecific variation in <i>Drosophila</i> body pigmentation components. Ecology and Evolution, 2021, 11, 8136-8155.	1.9	8
40	Additive and non-additive effects of day and night temperatures on thermally plastic traits in a model for adaptive seasonal plasticity. Evolution; International Journal of Organic Evolution, 2021, 75, 1805-1819.	2.3	7
41	Immunohistochemistry Staining of Embryos from the African Butterfly <i>Bicyclus anynana</i> . Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5209.	0.3	6
42	Fresh Weight, Dry Weight, and Fat Content of Adult African Butterflies <i>Bicyclus anynana</i> . Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5212-pdb.prot5212.	0.3	2
43	Constant Volume Respirometry in the African Butterfly <i>Bicyclus anynana</i> . Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5213.	0.3	2
44	Surgical Manipulations on Pupal Wings from the African Butterfly <i>Bicyclus anynana</i> : Damage and Cauteries. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5204-pdb.prot5204.	0.3	2
45	Immunohistochemistry Staining of Wing Discs from the African Butterfly <i>Bicyclus anynana</i> . Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5210-pdb.prot5210.	0.3	2
46	Microsatellite markers associated with genes expressed in developing wings of <i>Bicyclus anynana</i> butterflies. Molecular Ecology Resources, 2009, 9, 1487-1492.	4.8	2
47	Injection of Chemicals into Pupae of the African Butterfly <i>Bicyclus anynana</i> . Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5215.	0.3	1
48	Surgical Manipulations on Pupal Wings from the African Butterfly <i>Bicyclus anynana</i> : Grafts. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5205.	0.3	1
49	Extraction and Gas Chromatography Analysis of Adult Pheromones from the African Butterfly <i>Bicyclus anynana</i> . Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5211-pdb.prot5211.	0.3	1
50	Hemolymph Extraction from Various Developmental Stages of the African Butterfly <i>Bicyclus anynana</i> . Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5214-pdb.prot5214.	0.3	1
51	Modularity in Development and Evolution. Based on a symposium held at Delmenhorst, Germany, May 2000. Edited by Gerhard Schlosser and Günter Wagner. Chicago (Illinois): University of Chicago Press. \$90.00 (hardcover); \$35.00 (paper). x + 600 p; ill.; index. ISBN: 0-226-73853-1 (hc); 0-226-73855-8 (pb). 2004.. Quarterly Review of Biology, 2005, 80, 245-246.	0.1	0
52	The Genetic and Developmental Basis of Variation in Phenotypes. Acta Zoologica, 2007, 88, 349-350.	0.8	0
53	Conserved developmental processes and the evolution of novel traits: wounds, embryos, veins, and butterfly eyespots. , 2009, , 183-190.		0