Riccardo Papa

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6217538/publications.pdf

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30 papers	2,563 citations	394421 19 h-index	454955 30 g-index
36 all docs	36 docs citations	36 times ranked	2614 citing authors

#	Article	IF	Citations
1	optix Drives the Repeated Convergent Evolution of Butterfly Wing Pattern Mimicry. Science, 2011, 333, 1137-1141.	12.6	431
2	Genomic architecture and introgression shape a butterfly radiation. Science, 2019, 366, 594-599.	12.6	365
3	Diversification of complex butterfly wing patterns by repeated regulatory evolution of a Wnt ligand. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12632-12637.	7.1	244
4	A Conserved Supergene Locus Controls Colour Pattern Diversity in Heliconius Butterflies. PLoS Biology, 2006, 4, e303.	5.6	242
5	Complex modular architecture around a simple toolkit of wing pattern genes. Nature Ecology and Evolution, 2017, 1, 52.	7.8	179
6	Population genomics of parallel hybrid zones in the mimetic butterflies, H. melpomene and H. erato. Genome Research, 2014, 24, 1316-1333.	5.5	114
7	The Functional Basis of Wing Patterning inHeliconiusButterflies: The Molecules Behind Mimicry. Genetics, 2015, 200, 1-19.	2.9	106
8	Parallel evolution of ancient, pleiotropic enhancers underlies butterfly wing pattern mimicry. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24174-24183.	7.1	102
9	Genomic Hotspots for Adaptation: The Population Genetics of MÃ¼llerian Mimicry in Heliconius erato. PLoS Genetics, 2010, 6, e1000796.	3.5	99
10	patternize: An R package for quantifying colour pattern variation. Methods in Ecology and Evolution, 2018, 9, 390-398.	5.2	96
11	Patterns of Z chromosome divergence among Heliconius species highlight the importance of historical demography. Molecular Ecology, 2018, 27, 3852-3872.	3.9	69
12	Transcriptome analysis reveals novel patterning and pigmentation genes underlying Heliconius butterfly wing pattern variation. BMC Genomics, 2012, 13, 288.	2.8	56
13	Interplay between Developmental Flexibility and Determinism in the Evolution of Mimetic Heliconius Wing Patterns. Current Biology, 2019, 29, 3996-4009.e4.	3.9	55
14	Highly conserved gene order and numerous novel repetitive elements in genomic regions linked to wing pattern variation in Heliconius butterflies. BMC Genomics, 2008, 9, 345.	2.8	51
15	Cortex cis-regulatory switches establish scale colour identity and pattern diversity in Heliconius. ELife, 2021, 10, .	6.0	40
16	Multi-Allelic Major Effect Genes Interact with Minor Effect QTLs to Control Adaptive Color Pattern Variation in Heliconius erato. PLoS ONE, 2013, 8, e57033.	2.5	38
17	Divergence with gene flow across a speciation continuum of Heliconius butterflies. BMC Evolutionary Biology, 2015, 15, 204.	3.2	38
18	Genome-wide analysis of ionotropic receptors provides insight into their evolution in Heliconius butterflies. BMC Genomics, 2016, 17, 254.	2.8	38

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19	Divergence of chemosensing during the early stages of speciation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16438-16447.	7.1	25
20	Conserved microbiota among young Heliconius butterfly species. PeerJ, 2018, 6, e5502.	2.0	25
21	Visual mate preference evolution during butterfly speciation is linked to neural processing genes. Nature Communications, 2020, 11, 4763.	12.8	24
22	Perfect mimicry between Heliconius butterflies is constrained by genetics and development. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201267.	2.6	20
23	Novel Doublesex Duplication Associated with Sexually Dimorphic Development of Dogface Butterfly Wings. Molecular Biology and Evolution, 2021, 38, 5021-5033.	8.9	19
24	Many functionally connected loci foster adaptive diversification along a neotropical hybrid zone. Science Advances, 2020, 6, .	10.3	18
25	Selection and isolation define a heterogeneous divergence landscape between hybridizing Heliconius butterflies. Evolution; International Journal of Organic Evolution, 2021, 75, 2251-2268.	2.3	18
26	Heliconius butterflies: a window into the evolution and development of diversity. Current Opinion in Genetics and Development, 2021, 69, 72-81.	3.3	8
27	Comparative Transcriptomics Provides Insights into Reticulate and Adaptive Evolution of a Butterfly Radiation. Genome Biology and Evolution, 2019, 11, 2963-2975.	2.5	7
28	Origin of the green iguana (Iguana iguana) invasion in the greater Caribbean Region and Fiji. Biological Invasions, 2021, 23, 2591.	2.4	6
29	Multiple Loci Control Eyespot Number Variation on the Hindwings ofBicyclus anynanaButterflies. Genetics, 2020, 214, 1059-1078.	2.9	4
30	Balanced polymorphisms and their divergence in a Heliconius butterfly. Ecology and Evolution, 2021, 11, 18319-18330.	1.9	1